

OGGETTO:

RECUPERO E RIQUALIFICAZIONE DELLA EX CENTRALINA IDROELETTRICA PER ATTIVITA' DI ACCOGLIENZA E OFFERTA TURISTICA

ENTE APPALTANTE :

Ente di Gestione delle Aree Protette dei Parchi Reali

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RESPONSABILE UNICO DEL PROCEDIMENTO:

dott.sa STEFANIA GRELLA - Ente di Gestione delle Aree Protette dei Parchi Reali

UBICAZIONE EDIFICIO:

Parco della Mandria - Venaria Reale (To) - NCT : Foglio 14 mapp. n. 5

ELABORATO:

RELAZIONE DI CALCOLO DELLE STRUTTURE (PART. 1 - Verifiche edificio)

Elab / TAV. n.

ST 2.1

data : ottobre 2024

rev 01:

rev 02:

scale :

Livello di progettazione:

ESECUTIVO



Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

**RECUPERO E RIQUALIFICAZIONE
DELLA EX CENTRALINA IDROELETTRICA
PER ATTIVITA' DI ACCOGLIENZA E TURISTICO-RICETTIVE
VERIFICA STRUTTURALE DELLO STATO DI FATTO**

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-10-201)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi4017

Descrizione	
Progetto	Recupero e riqualificazione della ex centralina idroelettrica per attività di accoglienza e turistico-ricettive
	-
Ubicazione	Comune di VENARIA REALE (TO) (Regione PIEMONTE)
	Località VENARIA REALE (TO)
	Longitudine 7.605, Latitudine 45.144
Progettista	Ing. Alessandro Grazzini

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

PROGETTO

La presente relazione descrive le principali verifiche strutturali, sia statiche che sismiche (con accelerazione pari all'1% di quella attesa al suolo) dell'edificio oggetto di intervento di riqualificazione, corrispondente all'ex centralina idroelettrica del Parco La Mandria.

Le caratteristiche costruttive del fabbricato sono tipiche dei primi del '900 dove si rinviene una struttura di tipo "a gravità" in muratura piena, con fondazioni anch'esse in muratura, e presumibilmente posate direttamente sul terreno stabilizzato sommariamente. Il fabbricato possiede una parte più bassa, costituita da un locale interrato (vasca di passaggio acqua), un piano terra e primo piano. In adiacenza, con molta probabilità costruita prima rispetto al corpo basso, si erge la seconda parte del fabbricato a forma di torre, costituita da un piano terra, un primo piano, un secondo piano che si presume fosse originariamente utilizzato come vano tecnico da cui partivano le linee aeree per la distribuzione dell'energia elettrica prodotta, e un sottotetto anch'esso di locale tecnologico.

I solai sono attualmente in soletta piena e trave in c.a., presumibilmente eseguiti tra la fine degli anni '70 e l'inizio degli anni '80 del secolo scorso, periodo in cui l'edificio aveva già perso la sua funzione di centralina, in sostituzione degli originari solai in putrelle e voltini. La chiusura del sottotetto dell'edificio basso è costituita da un cannicciato non portante. La copertura è su orditura lignea e manto in tegole laterizie di foggia alla portoghese.

Allo stato attuale l'edificio versa in stato di abbandono e di forte degrado. Negli ultimi due decenni non ha più assunto nessuna funzione, per le quali necessita di un progetto complessivo di messa in sicurezza e rifunzionalizzazione. Da alcuni anni si è rilevata una importante disconnessione della muratura in corrispondenza dell'angolo murario sud-est del basso fabbricato, che nel tempo si è ampliata separando in modo netto il paramento murario. Contemporaneamente, esiste anche una fessura sulla parete nord. Il quadro fessurativo è dovuto ad un cedimento di fondazione, trattandosi di fondazioni poco profonde su terreno argilloso molto sensibile alle variazioni igrometriche del passaggio sotterraneo dell'acqua, un tempo utilizzata per la produzione di energia elettrica e attualmente ancora in potenziale scorrimento sottofondazionale proveniente da scolo del versante a monte non opportunamente deviato, anche a causa dello stato di abbandono del fabbricato e del terreno circostante negli ultimi due decenni. L'assenza di analoghi dissesti fondazionali lungo il perimetro della torre conferma la sussistenza di acqua piovana che alimenterebbe ancora in parte la vasca interrata di raccolta (vedasi fotografie dello stato di fatto), confluyente ancora sotto l'edificio basso che ha subito il maggior danno strutturale. A questo vanno altresì aggiunte le perdite dalla rete di allontanamento acque dalle gronde: i pluviali che scendono dalla copertura non smaltiscono l'acqua superficialmente ma si immettono all'interno del marciapiede.

La relazione geologica non ha individuato la presenza di falde, per cui il dilavamento stagionale del terreno argilloso sottostante il basso fabbricato deriverebbe dallo scolo non più deviato di acqua del versante a monte. Infine, anche i grandi sbalzi igrometrici delle ultime stagioni, che hanno alternato periodi di grandi siccità ad eventi piovosi molto intensi, hanno alterato la consistenza dei terreni argillosi su cui si fonda superficialmente l'edificio generando il quadro fessurativo in essere.

Ai sensi del par. 8.3 delle NTC2018 («riduzione evidente della capacità resistente e/o deformativa della struttura o di alcune sue parti dovuta a: significativo degrado e decadimento delle caratteristiche meccaniche dei materiali, deformazioni significative conseguenti anche a problemi in fondazione»), essendo in presenza di degrado materico dei solai e del grave dissesto murario dell'angolata sud-est,

è stata svolta una valutazione globale della sicurezza dell'intero fabbricato mediante modellazione agli elementi finiti e analisi sismica dinamica, per la situazione allo stato di fatto, da confrontare successivamente con quella progettuale. La presente relazione illustra infatti le principali verifiche della situazione allo stato di fatto, evidenziando le criticità statiche già presenti visivamente sulla struttura. Alle fondazioni oggetto di cedimento è stata assegnata una costante di Winkler molto bassa, e si è tenuto conto delle disconnessioni parziali tra le due unità strutturali.

Il basso valore di azione sismica considerata è da correlare alle verifiche negative già presenti sulle strutture murarie, oltre alla considerazione che il progetto non prevede miglioramento sismico bensì solo interventi puntuali: la verifica globale dello stato di fatto è stata redatta solo per ottemperare a quanto richiesto al par. 8.3 dell'NTC2018 in particolare per le criticità statiche.

Contenuti della relazione:

RELAZIONE DI CALCOLO STRUTTURALE

- *Origine e Caratteristiche dei Codici di Calcolo*
- *Affidabilità dei codici utilizzati*
- *Validazione dei codici*
- *Tipo di analisi svolta*
- *Modalità di presentazione dei risultati*
- *Informazioni generali sull'elaborazione*
- *Giudizio motivato di accettabilità dei risultati*

STAMPA DEI DATI DI INGRESSO

- *Normative prese a riferimento*
- *Criteri adottati per le misure di sicurezza*
- *Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconnessioni*
- *Interazione tra terreno e struttura*
- *Legami costitutivi adottati per la modellazione dei materiali e dei terreni*
- *Schematizzazione delle azioni, condizioni e combinazioni di carico*
- *Metodologie numeriche utilizzate per l'analisi strutturale*
- *Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali*

STAMPA DEI RISULTATI

Il Progettista:



A circular professional stamp of the Italian Association of Structural Engineers (Associazione Italiana Ingegneri Strutturali - AIIS) is visible. The stamp contains the text 'UNIONE DELLA PROFESSIONE', 'Ord. Ing. ALESSANDRO', and 'PROFESSIONE INgegNERIA STRUTTURALE'. Overlaid on the stamp is a handwritten signature in black ink.

24 novembre 2024

INTESTAZIONE E CONTENUTI DELLA RELAZIONE.....	2
PROGETTO.....	2
RELAZIONE DI CALCOLO STRUTTURALE.....	6
PREMESSA.....	6
ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE	6
DESCRIZIONE GENERALE DELL'OPERA.....	6
Fattore di struttura.....	8
QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO	8
LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA	8
AZIONI DI PROGETTO SULLA COSTRUZIONE.....	8
MODELLO NUMERICO.....	9
Tipo di analisi strutturale	9
Informazioni sul codice di calcolo	10
Affidabilità dei codici utilizzati	10
MODELLAZIONE DELLE AZIONI	11
COMBINAZIONI E/O PERCORSI DI CARICO	11
VERIFICHE AGLI STATI LIMITE ULTIMI.....	13
VERIFICHE AGLI STATI LIMITE DI ESERCIZIO	13
NORMATIVA DI RIFERIMENTO.....	14
CARATTERISTICHE MATERIALI UTILIZZATI	18
LEGENDA TABELLA DATI MATERIALI	18
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE.....	25
TABELLA DATI TRAVI	25
MODELLAZIONE STRUTTURA: ELEMENTI SHELL	32
LEGENDA TABELLA DATI SHELL	32
MODELLAZIONE DELLE AZIONI	53
LEGENDA TABELLA DATI AZIONI.....	53
SCHEMATIZZAZIONE DEI CASI DI CARICO	56
LEGENDA TABELLA CASI DI CARICO	56
DEFINIZIONE DELLE COMBINAZIONI.....	66
LEGENDA TABELLA COMBINAZIONI DI CARICO	66
AZIONE SISMICA.....	70
VALUTAZIONE DELL' AZIONE SISMICA.....	70

Parametri della struttura	70
RISULTATI ANALISI SISMICHE	77
LEGENDA TABELLA ANALISI SISMICHE.....	77
RISULTATI OPERE DI FONDAZIONE	90
LEGENDA RISULTATI OPERE DI FONDAZIONE.....	90
RISULTATI ELEMENTI TIPO TRAVE.....	100
LEGENDA RISULTATI ELEMENTI TIPO TRAVE	100
VERIFICHE ELEMENTI MURATURA	324
LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA.....	324
VERIFICHE S.L. ELEMENTI IN LEGNO	386
LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO	386

RELAZIONE DI CALCOLO STRUTTURALE

PREMESSA

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE

Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-18, l'analisi storico-critica ed il rilievo geometrico-strutturale devono evidenziare i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti di impostazione e di realizzazione; (c) la costruzione può essere stata soggetta ad azioni, anche eccezionali, i cui effetti non siano completamente manifesti; (d) le strutture possono presentare degrado e/o modificazioni significative rispetto alla situazione originaria.

Analisi storico-critica

Per edifici esistenti, viene indicata la documentazione reperita e vengono esplicitate le informazioni desunte da ciascuno dei documenti esaminati per le finalità indicate al paragrafo 8.5.1 delle NTC-18.

E' stata condotta una ricerca della storia costruttiva presso l'archivio storico e reperendo documentazione fotografica.

Esito del rilievo geometrico-strutturale

Per edifici esistenti, vengono descritte le modalità con cui è stato effettuato il rilievo geometrico strutturale e gli esiti di quest'ultimo, anche con riferimenti espliciti e puntuali agli elaborati grafici che saranno riportati nella parte "4.1. Rilievo geometrico-strutturale". Il rilievo delle strutture deve essere eseguito e restituito secondo le modalità e con le finalità riportate nei paragrafi 8.5.2 e 8.7 delle NTC-18.

Rilievo sguito con laser-scanner e drone.

DESCRIZIONE GENERALE DELL'OPERA

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Descrizione generale dell'opera

Fabbricato ad uso	Uffici aperti al pubblico
Ubicazione	Comune di VENARIA REALE (TO) (Regione PIEMONTE)
	Località VENARIA REALE (TO)
	Longitudine 7.605, Latitudine 45.144
Numero di piani	Fuori terra: 3
	Interrati: 0
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di 15,15 x 6,05 m
Numero vani scale	0
Numero vani ascensore	0
Tipo di fondazione	Lineare in muratura

Principali caratteristiche della struttura

Struttura regolare in pianta	SI
Struttura regolare in altezza	NO
Classe di duttilità	BD
Travi: ricalate o in spessore	NO
Pilastrì	SI
Pilastrì in falso	NO
Tipo di fondazione	Lineare in muratura
Condizioni per cui è necessario considerare la componente verticale del sisma	NO

Parametri della struttura			
Classe d'uso	Vita [anni]	Vn Coeff. Uso	Periodo Vr [anni]
III	50.0	1.5	75.0

Fattore di struttura

1,356

QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito. Nel capitolo “normativa di riferimento” è comunque presente l’elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l' azione sismica	D.M. 17-01-2018

LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA

Il livello di conoscenza, per edifici esistenti è LC2
Pertanto il fattore di confidenza è 1,2

AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli “modellazione delle azioni” e “schematizzazione dei casi di carico” sono indicate le azioni sulla costruzione.

Nel prosieguo si indicano il tipo di analisi strutturale condotta (statico, dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica*.

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L’analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L’analisi strutturale è condotta con il metodo dell’analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

$$\mathbf{K} * \mathbf{u} = \mathbf{F}$$

dove $\mathbf{K}$ = matrice di rigidezza
 $\mathbf{u}$ = vettore spostamenti nodali
 $\mathbf{F}$ = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo TRUSS	(biella-D2)
Elemento tipo BEAM	(trave-D2)
Elemento tipo MEMBRANE	(membrana-D3)
Elemento tipo PLATE	(piastra-guscio-D3)
Elemento tipo BOUNDARY	(molla)
Elemento tipo STIFFNESS	(matrice di rigidezza)
Elemento tipo BRICK	(elemento solido)
Elemento tipo SOLAIO	(macro elemento composto da più membrane)

MODELLO NUMERICO

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Sismica statica lineare	NO
Sismica dinamica lineare	SI
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO
Analisi lineare	SI

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-10-201)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Dati utente finale:	***** COMPLETARE *****
Codice Utente:	***** COMPLETARE *****
Codice Licenza:	Licenza dsi4017

Un attento esame preliminare della documentazione a corredo del software **ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico**. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.
E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: http://www.2si.it/Software/Affidabilità.htm

Modellazione della geometria e proprietà meccaniche:	
nodi	1663
elementi D2 (per aste, travi, pilastri...)	292
elementi D3 (per pareti, platee, gusci...)	1410
elementi solaio	63
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	20186.00
Xmax =	21652.00
Ymin =	10338.00
Ymax =	10893.00
Zmin =	-345.00
Zmax =	1085.50
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO

Strutture non verticali:	
Elementi di tipo asta	SI
Travi	SI
Gusci	NO
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	SI
Solai senza la proprietà piano rigido	SI
Tipo di vincoli:	
Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	SI
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

MODELLAZIONE DELLE AZIONI

Si veda il capitolo **“Schematizzazione dei casi di carico”** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte “2.6. Azioni di progetto sulla costruzione”.

COMBINAZIONI E/O PERCORSI DI CARICO

Si veda il capitolo **“Definizione delle combinazioni”** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	NO

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

2.8.1. Risultati dell'analisi modale

Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura.

2.8.2. Deformate e sollecitazioni per condizioni di carico

Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.

2.8.3. Inviluppo delle sollecitazioni maggiormente significative.

L'analisi e la restituzione degli inviluppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.

2.8.4. Reazioni vincolari

Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.

2.8.5. Altri risultati significativi

Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e di elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l'elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

VERIFICHE AGLI STATI LIMITE ULTIMI

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di duttilità, di degrado.

VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

NORMATIVA DI RIFERIMENTO

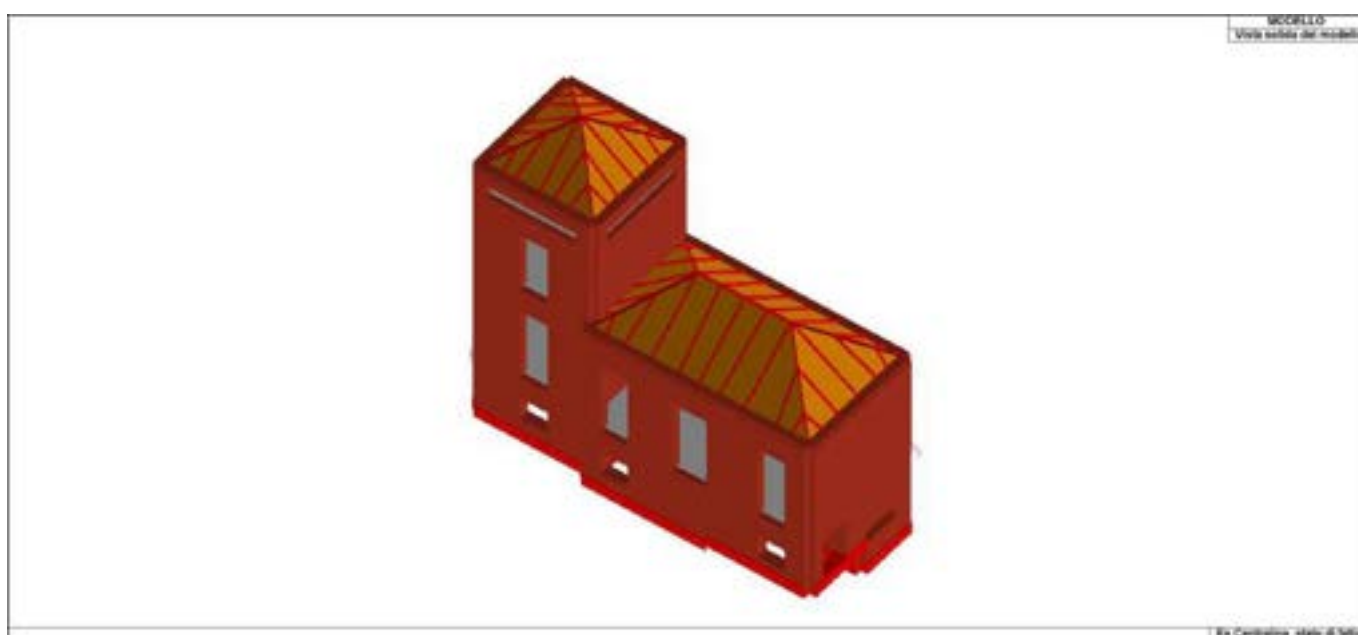
1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP. "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi

di calcolo semplificato per strutture di muratura non armata.

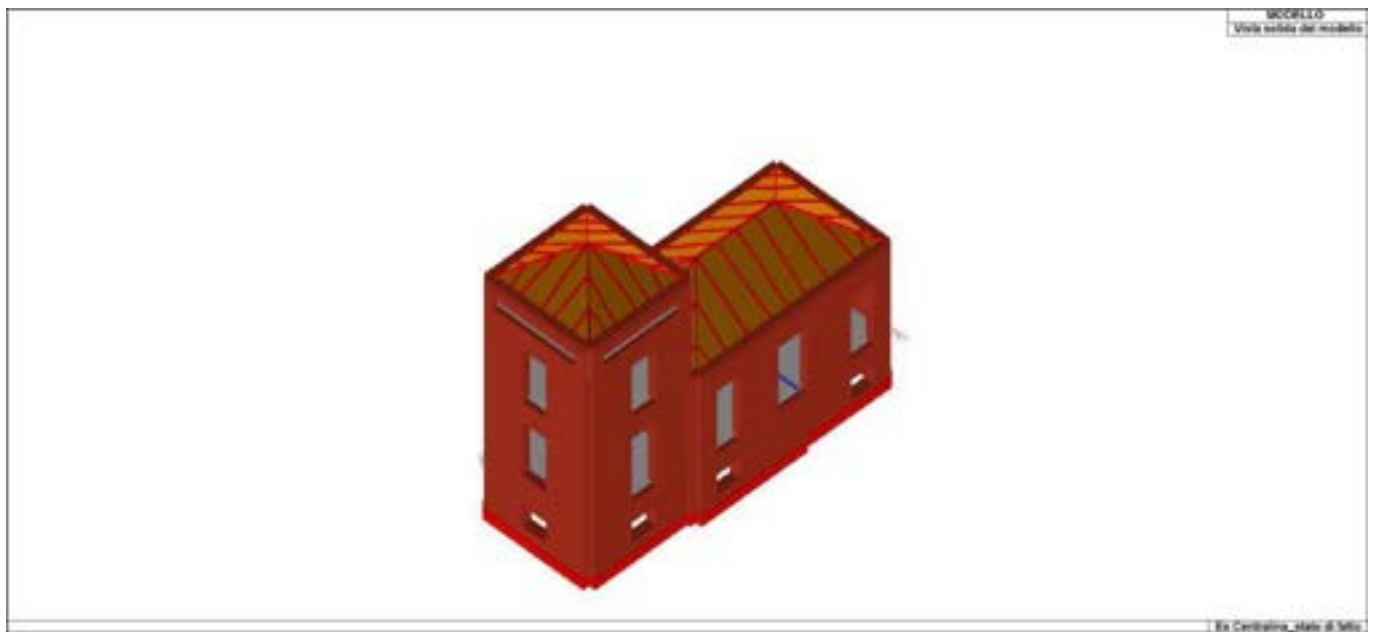
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.
35. CNR DT-200/2013 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati
36. CNR DT-215/2018 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica

NOTA: il presente capitolo riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO".

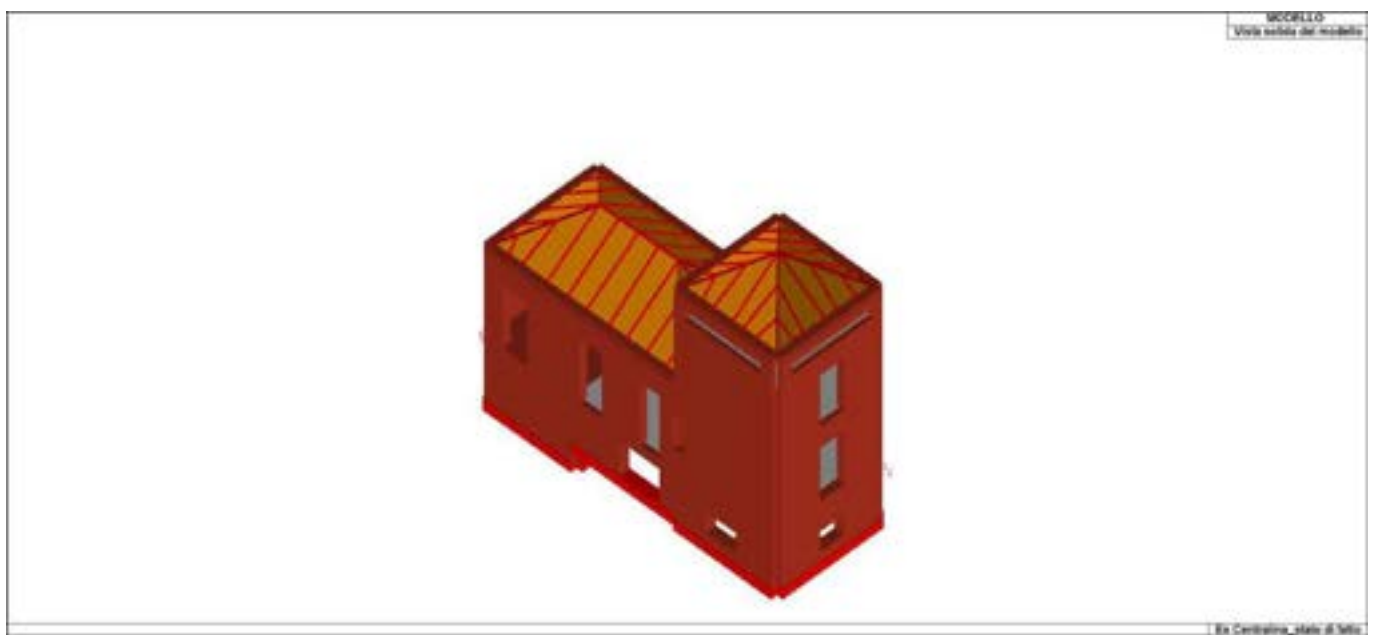
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edificio esistente.



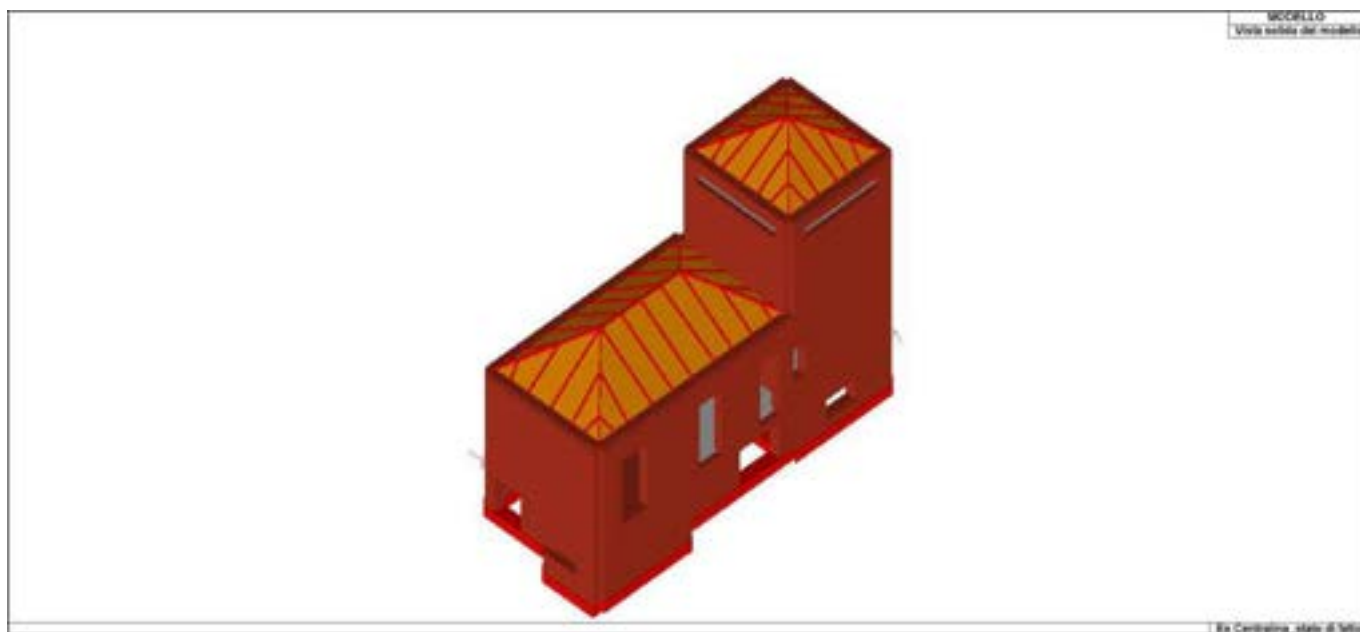
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

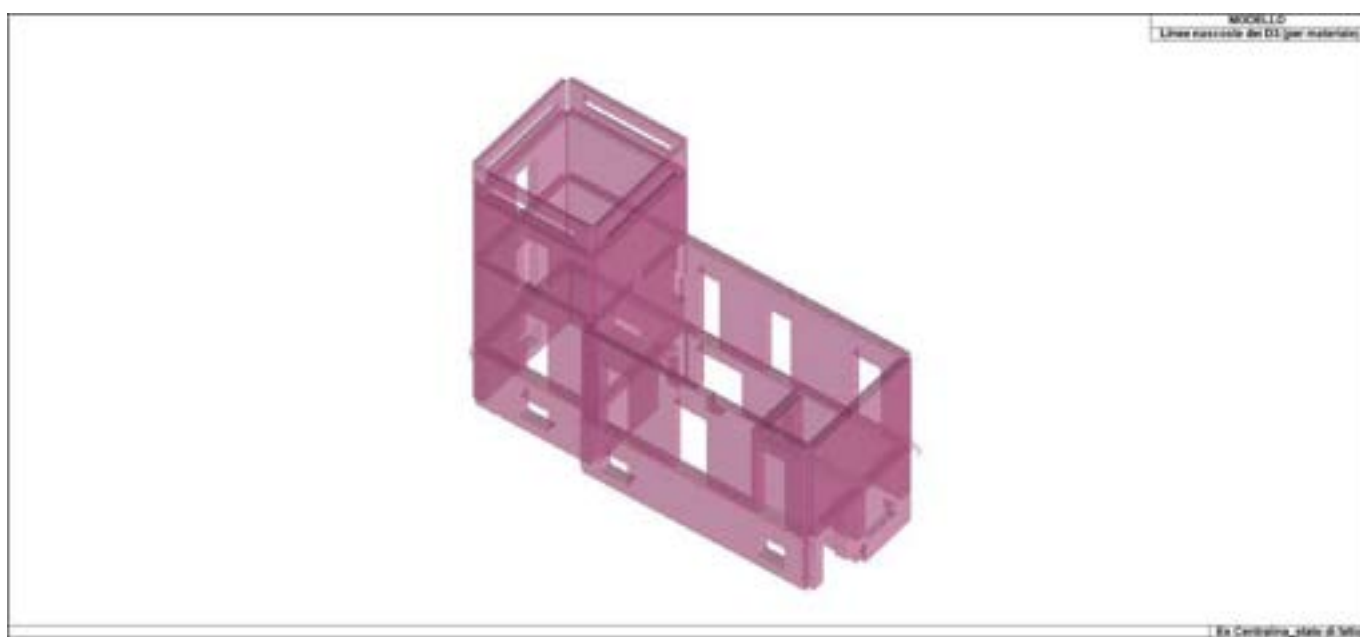
Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale ν
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficiente di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

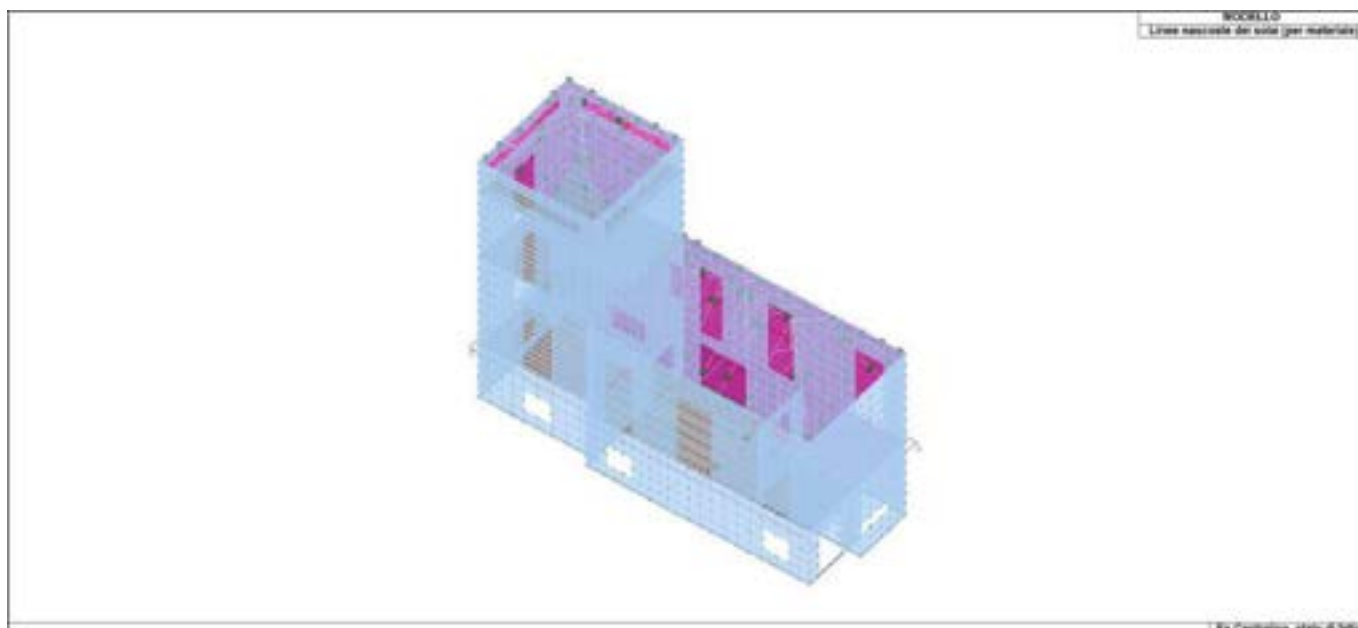
1	c.a.	Resistenza Rc Resistenza fctm Coefficiente ksb	resistenza a compressione cubica resistenza media a trazione semplice Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio	Tensione ft Tensione fy Resistenza fd Resistenza fd (>40) Tensione ammissibile Tensione ammissibile(>40)	Valore della tensione di rottura Valore della tensione di snervamento Resistenza di calcolo per SL CNR-UNI 10011 Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm Tensione ammissibile CNR-UNI 10011 Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura		



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_D3



11_MOD_MATERIALI_SOLAI

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	SI	SI	SI	SI		
3-3 Beta assegnato	1.00	1.00	1.00	1.00		
3-3 Beta assegnato [cm]	0.0	0.0	0.0	0.0		
2-2 Beta * L automatico	SI	SI	SI	SI		
2-2 Beta assegnato	1.00	1.00	1.00	1.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta * L automatico	SI	SI	SI	SI		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05		
Coefficiente gamma M1	1.05	1.05	1.05	1.05		
Coefficiente gamma M2	1.25	1.25	1.25	1.25		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Usa condizioni I e II	SI	SI	SI	SI		
Momenti equivalenti	SI	SI	SI	SI		

Muratura	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Altezza interpiano [cm]	0.0	0.0	0.0	0.0		
Rho	0.85	0.85	0.85	0.85		
Snellezza limite	20.00	20.00	20.00	20.00		
Generalità						
Gamma non sismico	3.00	3.00	3.00	3.00		
Gamma sismico	2.40	2.40	2.40	2.00		
Tolleranza azioni [daN/cm2]	0.0	0.0	0.0	0.0		
Media valori per quota	SI	SI	SI	SI		
Media valori per elemento	SI	SI	SI	SI		
Verifica come fascia	NO	NO	NO	NO		
Usa formula [7.8.3]	SI	SI	SI	SI		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	NO	NO	NO	NO		
Af inf: da traliccio	SI	SI	SI	SI		
Consenti armatura a taglio	NO	NO	NO	NO		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI		
Af inf: da q*L*L /	20.00	20.00	20.00	20.00		
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00		
Armatura						
Minima tesa	0.15	0.15	0.15	0.15		
Massima tesa	3.00	3.00	3.00	3.00		
Minima compressa	0.0	0.0	0.0	0.0		
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00	85.00	85.00		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00		
Istantanea	500.00	500.00	500.00	500.00		
Fattore viscosità	3.00	3.00	3.00	3.00		
Usa J non fessurato	NO	NO	NO	NO		
Elementi non strutturali						
Tamponatura antiespulsione Danesi	NO	NO	NO	NO		
Tamponatura con armatura	NO	NO	NO	NO		
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00		
Coefficiente gamma m	0.0	0.0	0.0	0.0		
Periodo Ta	0.0	0.0	0.0	0.0		
Altezza pannello	0.0	0.0	0.0	0.0		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
aste						
Beta assegnato	0.80	0.80	0.80	0.80		
travi						
3-3 Beta * L automatico	SI	SI	SI	SI		
3-3 Beta assegnato	1.00	1.00	1.00	1.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
2-2 Beta * L automatico	SI	SI	SI	SI		
2-2 Beta assegnato	1.00	1.00	1.00	1.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta * L automatico	SI	SI	SI	SI		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
pilastr						
Metodo di calcolo 3-3	Assegnato	Assegnato	Assegnato	Assegnato		
3-3 Beta assegnato	2.00	2.00	2.00	2.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Metodo di calcolo 2-2	Assegnato	Assegnato	Assegnato	Assegnato		
2-2 Beta assegnato	2.00	2.00	2.00	2.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Generalità						
Gamma non sismico	1.50	1.50	1.50	1.50		
Gamma sismico	1.50	1.50	1.50	1.50		
Classificazione						
Classe di servizio	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)		
Per classe di servizio 1						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.60	0.60	0.60	0.60		
Per classe di servizio 2						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.80	0.80	0.80	0.80		
Per classe di servizio 3						
Kmod permanente	0.50	0.50	0.50	0.50		
Kmod lunga	0.55	0.55	0.55	0.55		
Kmod media	0.65	0.65	0.65	0.65		
Kmod breve	0.70	0.70	0.70	0.70		
Kmod istantanea	0.90	0.90	0.90	0.90		
Kdef	2.00	2.00	2.00	2.00		

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
L direzione 1 [*] [cm]	1.00	1.00	1.00	1.00		
L direzione 2 [cm]	0.0	0.0	0.0	0.0		
Verifica V da D.38	NO	NO	NO	NO		
Verifica M da M.5-45	NO	NO	NO	NO		
Media valori elementi	SI	SI	SI	SI		
Conessioni pareti						
rvpk [daN/cm]	50.00	50.00	50.00	50.00		
rvtk [daN/cm]	50.00	50.00	50.00	50.00		
rvlk [daN/cm]	50.00	50.00	50.00	50.00		
RHk [daN]	5000.00	5000.00	5000.00	5000.00		
dH [cm]	25.00	25.00	25.00	25.00		
fcH90k [daN/cm2]	20.00	20.00	20.00	20.00		
Pannelli solaio						
f ist<L/	500.00	500.00	500.00	500.00		
f inf<L/	350.00	350.00	350.00	350.00		
Verifica vibrazioni (EC5 7.3)	NO	NO	NO	NO		
E massetto collaborante [daN/cm2]	200000.00	200000.00	200000.00	200000.00		
t massetto collaborante [cm]	4.00	4.00	4.00	4.00		
Smorzamento percentuale	0.0	0.0	0.0	0.0		
Resistenza al fuoco						
Spessore carbonizzazione [cm]	0.0	0.0	0.0	0.0		
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		

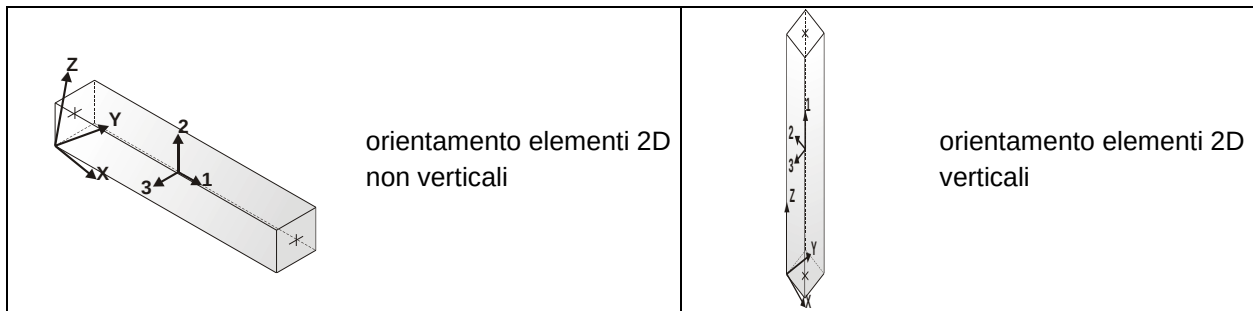
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.

Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

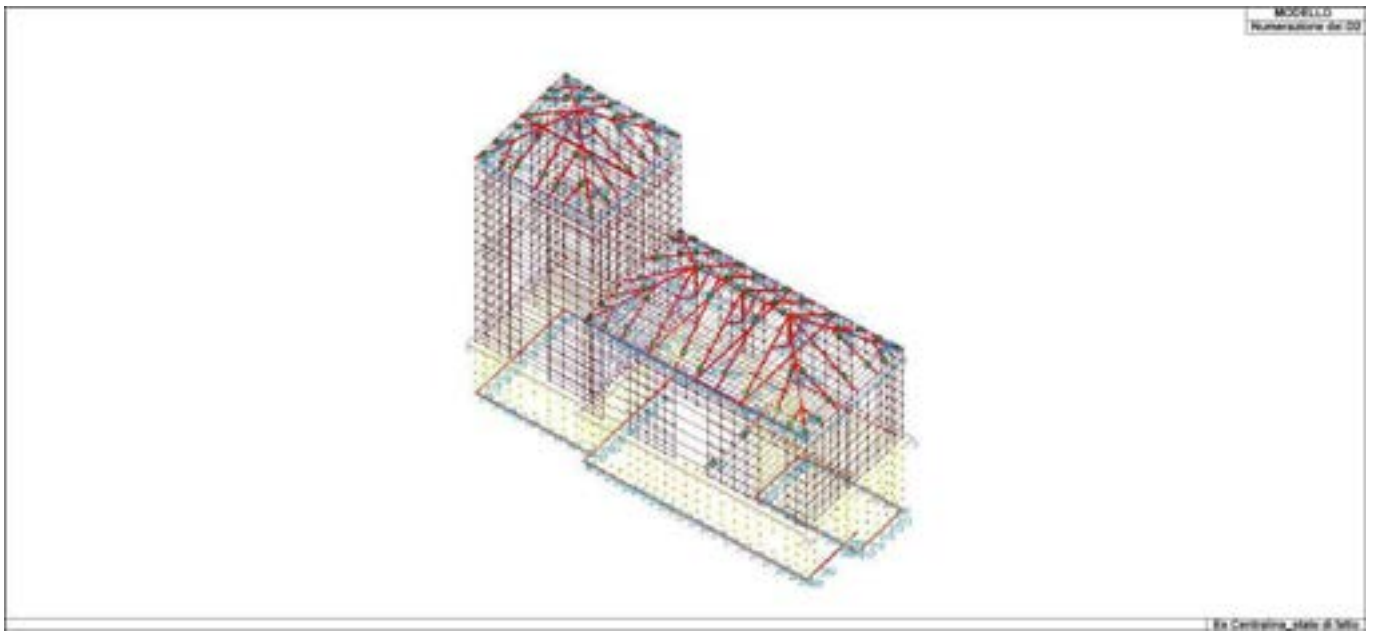
Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Asta	716	804	158	7	1					
2	Asta	1091	1092	158	7	1					
3	Asta	1172	1180	158	7	1					
4	Asta	1172	883	158	7	1					
5	Asta	804	812	158	7	1					
6	Asta	1092	1100	158	7	1					
7	Asta	761	1049	158	7	1					
8	Asta	1180	1188	158	7	1					
9	Asta	809	1020	158	7	1					
10	Asta	1100	1108	158	7	1					
11	Asta	1049	1257	158	7	1					
12	Asta	812	820	158	7	1					
13	Asta	1188	1196	158	7	1					
14	Asta	1020	1028	158	7	1					
15	Asta	1108	1116	158	7	1					
16	Asta	1193	1091	158	7	1					
17	Asta	1198	1193	158	7	1					
18	Asta	820	828	158	7	1					
19	Asta	1196	1204	158	7	1					
20	Asta	1028	1299	158	7	1					
21	Asta	1116	1124	158	7	1					
22	Asta	1257	1198	158	7	1					
23	Asta	828	836	158	7	1					
24	Asta	1204	1212	158	7	1					
25	Asta	1036	1044	158	7	1					
26	Asta	1124	1132	158	7	1					
27	Asta	1299	1036	158	7	1					
28	Asta	836	844	158	7	1					
29	Asta	1212	1220	158	7	1					
30	Asta	1044	1052	158	7	1					
31	Asta	1132	1140	158	7	1					
32	Asta	844	852	158	7	1					
33	Asta	1220	1228	158	7	1					
34	Asta	1052	1060	158	7	1					
35	Asta	1140	1148	158	7	1					
36	Asta	852	860	158	7	1					
37	Asta	1228	1237	158	7	1					
38	Asta	1060	1068	158	7	1					
39	Asta	1148	1156	158	7	1					
40	Asta	860	868	158	7	1					
41	Asta	1237	1245	158	7	1					
42	Asta	1068	1076	158	7	1					
43	Asta	1156	1164	158	7	1					
44	Asta	868	809	158	7	1					
45	Asta	1245	1253	158	7	1					
46	Asta	1164	1076	158	7	1					
47	Asta	1253	1261	158	7	1					
48	Asta	1261	1303	158	7	1					
49	Asta	1269	1277	158	7	1					
50	Asta	1303	1269	158	7	1					
51	Asta	1277	1655	158	7	1					
52	Asta	1285	1293	158	7	1					
53	Asta	1293	1300	158	7	1					
54	Asta	1300	761	158	7	1					
55	Asta	1565	1566	158	7	1					
56	Asta	1535	1536	158	7	1					
57	Asta	1595	1644	158	7	1					
58	Asta	1565	1617	158	7	1					
59	Asta	1566	1569	158	7	1					
60	Asta	1536	1539	158	7	1					
61	Asta	1620	1560	158	7	1					
62	Asta	1596	1595	158	7	1					
63	Asta	1623	1620	158	7	1					
64	Asta	1599	1596	158	7	1					
65	Asta	1569	1572	158	7	1					
66	Asta	1539	1542	158	7	1					
67	Asta	1626	1623	158	7	1					
68	Asta	1602	1599	158	7	1					
69	Asta	1572	1575	158	7	1					
70	Asta	1542	1545	158	7	1					
71	Asta	1629	1626	158	7	1					
72	Asta	1605	1602	158	7	1					
73	Asta	1575	1578	158	7	1					

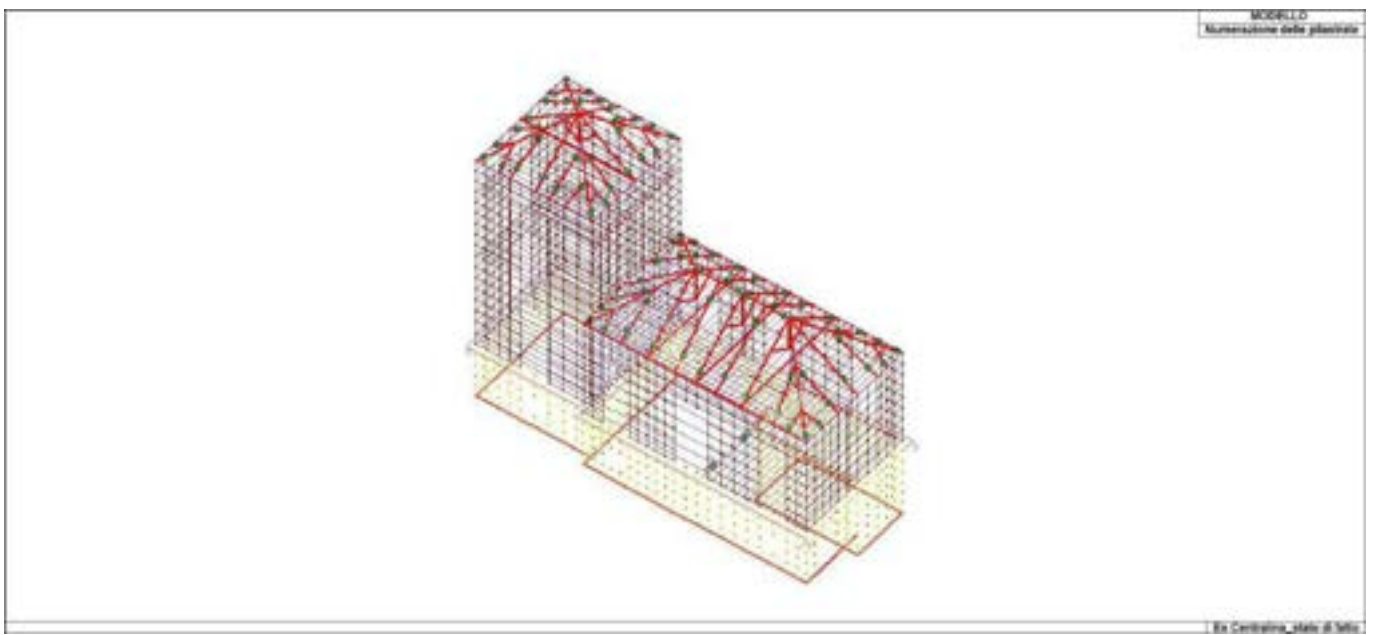
74	Asta	1545	1548	158	7	1			
75	Asta	1632	1629	158	7	1			
76	Asta	1608	1605	158	7	1			
77	Asta	1578	1581	158	7	1			
78	Asta	1548	1551	158	7	1			
79	Asta	1635	1632	158	7	1			
80	Asta	1611	1608	158	7	1			
81	Asta	1581	1584	158	7	1			
82	Asta	1551	1554	158	7	1			
83	Asta	1638	1635	158	7	1			
84	Asta	1614	1611	158	7	1			
85	Asta	1584	1587	158	7	1			
86	Asta	1554	1557	158	7	1			
87	Asta	1641	1638	158	7	1			
88	Asta	1617	1614	158	7	1			
89	Asta	1587	1590	158	7	1			
90	Asta	1557	1560	158	7	1			
91	Asta	1644	1641	158	7	1			
92	Asta	1590	1535	158	7	1			
93	Asta	1655	1285	158	7	1			
94	Trave f.	572	371	108	1	4			5.34 2.35
95	Trave f.	27	572	108	1	4			4.84 2.13
96	Trave f.	256	27	108	1	4			4.42 1.95
97	Trave f.	29	256	108	1	4			3.92 1.73
98	Trave f.	29	7	108	1	4			3.31 1.46
99	Trave	636	385	12	2	1	000011	000011	
100	Trave	1297	1656	120	4	1			
101	Trave	1297	1657	120	4	1			
102	Trave	1297	1298	120	5	1			
103	Trave	1300	1306	120	5	1	000011		
104	Trave	1300	1299	120	5	1			
105	Trave	1301	1311	120	5	1			
106	Trave	1303	1305	120	5	1	000011		
107	Trave	1303	868	120	5	1			
108	Trave	1304	1310	120	5	1			
109	Trave	1228	1302	120	5	1	000011		
110	Trave	1228	836	120	5	1			
111	Trave	1304	1653	120	5	1	000011		
112	Trave	1301	1654	120	5	1	000011		
113	Trave	716	1314	120	4	1	000011		
114	Trave	1172	1315	120	4	1	000011		
115	Pilas.	1308	1301	120	5	1			
116	Pilas.	1309	1304	120	5	1			
117	Pilas.	1307	1297	120	5	1			
118	Trave	1309	1310	120	5	1			
119	Trave	1308	1311	120	5	1			
120	Trave	1307	1298	120	5	1			
121	Trave	1302	1309	120	5	1			
122	Trave	1305	1308	120	5	1			
123	Trave	1306	1307	120	5	1			
124	Trave	1298	1299	120	5	1		000011	
125	Trave	1306	1297	120	5	1			
126	Trave	1311	868	120	5	1		000011	
127	Trave	1305	1301	120	5	1			
128	Trave	1310	836	120	5	1		000011	
129	Trave	1302	1304	120	5	1			
130	Trave	1297	1132	120	4	1		000011	
131	Trave	908	1304	120	4	1	000011		
132	Trave	1198	1312	120	5	1	000011		
133	Trave	1312	1100	120	5	1		000011	
134	Trave	1060	1313	120	5	1	000011		
135	Trave	1313	1156	120	5	1		000011	
136	Trave	804	1314	120	5	1	000011		
137	Trave	948	1314	120	5	1	000011		
138	Trave	1315	1188	120	5	1		000011	
139	Trave	884	1315	120	5	1	000011		
140	Trave	1312	1091	120	4	1		000011	
141	Trave	1313	1076	120	4	1		000011	
142	Trave	1314	1658	120	4	1			
143	Trave	1315	1659	120	4	1			
144	Trave f.	1	104	108	1	4			5.88 2.59
145	Trave f.	104	110	108	1	4			6.10 2.69
146	Trave f.	110	101	108	1	4			6.56 2.89
147	Trave f.	101	143	108	1	4			6.74 2.97
148	Trave f.	143	149	108	1	4			6.70 2.95
149	Trave f.	149	102	108	1	4			6.39 2.82
150	Trave f.	102	122	108	1	4			5.95 2.62

151	Trave f.	122	132	108	1	4			5.31	2.34
152	Trave f.	132	9	108	1	4			4.63	2.04
153	Trave f.	11	9	108	1	4			4.32	1.90
154	Trave f.	10	11	108	1	4			5.14	2.27
155	Trave f.	240	10	108	1	4			5.85	2.58
156	Trave f.	8	240	108	1	4			5.90	2.60
157	Trave f.	224	8	108	1	4			5.69	2.51
158	Trave f.	218	224	108	1	4			5.32	2.34
159	Trave f.	212	218	108	1	4			4.69	2.07
160	Trave f.	206	212	108	1	4			4.18	1.84
161	Trave f.	7	206	108	1	4			3.44	1.52
162	Trave f.	195	7	108	1	4			3.42	1.51
163	Trave f.	189	195	108	1	4			4.40	1.94
164	Trave f.	6	189	108	1	4			5.30	2.34
165	Trave f.	178	6	108	1	4			5.99	2.64
166	Trave f.	5	178	108	1	4			6.29	2.77
167	Trave f.	167	5	108	1	4			6.29	2.77
168	Trave f.	161	167	108	1	4			6.18	2.72
169	Trave f.	155	161	108	1	4			5.91	2.60
170	Trave f.	2	155	108	1	4			5.76	2.54
171	Trave f.	2	42	108	1	4			5.74	2.53
172	Trave f.	42	52	108	1	4			5.93	2.61
173	Trave f.	52	58	108	1	4			6.29	2.77
174	Trave f.	58	4	108	1	4			6.65	2.93
175	Trave f.	4	12	108	1	4			6.77	2.98
176	Trave f.	12	3	108	1	4			6.77	2.99
177	Trave f.	3	79	108	1	4			6.72	2.96
178	Trave f.	79	85	108	1	4			6.41	2.83
179	Trave f.	85	91	108	1	4			6.01	2.65
180	Trave f.	91	1	108	1	4			5.90	2.60
181	Trave	1650	1560	120	5	1		000011		
182	Trave	1656	1257	120	5	1	000011	000011		
183	Trave	1657	1148	120	5	1	000011	000011		
184	Trave	1656	1116	120	5	1	000011	000011		
185	Trave	932	1658	120	5	1	000011	000011		
186	Trave	892	1659	120	5	1	000011	000011		
187	Trave	1204	1659	120	5	1	000011	000011		
188	Trave	1659	1304	120	4	1				
189	Trave	1657	1052	120	5	1	000011	000011		
190	Trave	820	1658	120	5	1	000011	000011		
191	Trave	1651	1595	120	5	1		000011		
192	Trave	1653	1301	120	5	1		000011		
193	Trave	1654	1297	120	5	1		000011		
194	Trave f.	603	604	108	1	4			10.00	4.41
195	Trave f.	604	606	108	1	4			10.00	4.41
196	Trave f.	606	608	108	1	4			10.00	4.41
197	Trave f.	608	610	108	1	4			10.00	4.41
198	Trave f.	610	612	108	1	4			10.00	4.41
199	Trave f.	612	614	108	1	4			9.51	4.19
200	Trave f.	614	616	108	1	4			8.57	3.78
201	Trave f.	616	618	108	1	4			7.74	3.41
202	Trave f.	618	620	108	1	4			6.94	3.06
203	Trave	1660	1650	120	5	1				
204	Trave	1661	1651	120	5	1				
205	Trave	1653	1253	120	5	1	000011	000011		
206	Trave	852	1653	120	5	1	000011	000011		
207	Trave	1020	1654	120	5	1	000011	000011		
208	Trave f.	371	28	108	1	4			5.63	2.48
209	Trave	1655	1654	120	5	1	000011	000011		
210	Trave	1656	1312	120	4	1				
211	Trave	1657	1313	120	4	1				
212	Trave	1658	1304	120	4	1				
213	Trave f.	35	600	108	1	4			8.32	3.67
214	Trave f.	31	35	108	1	4			7.50	3.31
215	Trave f.	634	31	108	1	4			7.32	3.23
216	Trave f.	632	634	108	1	4			7.14	3.15
217	Trave f.	620	632	108	1	4			7.32	3.23
218	Trave	1611	1663	120	5	1	000011	000011		
219	Trave	1660	1626	120	5	1	000011	000011		
220	Trave	1660	1551	120	5	1	000011	000011		
221	Trave	1602	1661	120	5	1	000011	000011		
222	Trave	1661	1638	120	5	1	000011	000011		
223	Trave	1575	1663	120	5	1	000011	000011		
224	Trave	1662	1645	120	5	1				
225	Trave	1663	1645	120	5	1				
226	Trave	1662	1542	120	5	1	000011	000011		
227	Trave	1584	1662	120	5	1	000011	000011		

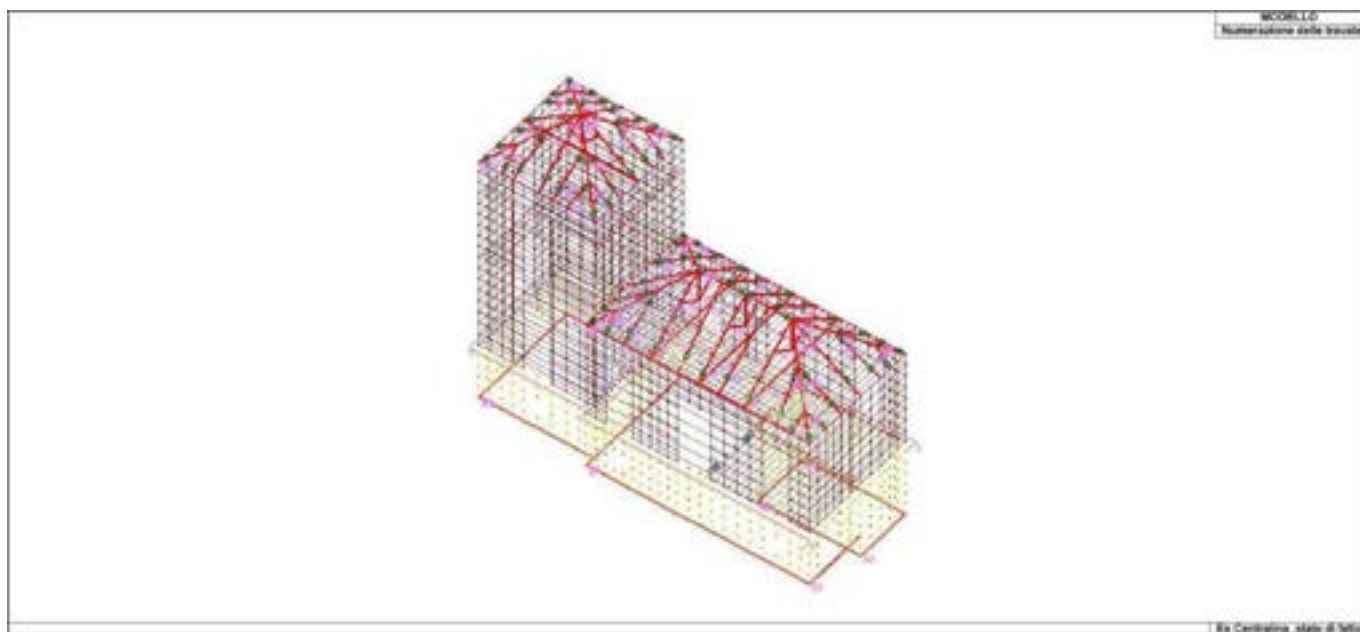
228	Trave f.	537	26	108	1	4			9.44	4.16
229	Trave f.	527	537	108	1	4			6.89	3.04
230	Trave f.	30	527	108	1	4			6.29	2.77
231	Trave f.	544	30	108	1	4			6.02	2.65
232	Trave f.	541	544	108	1	4			6.00	2.64
233	Trave f.	565	541	108	1	4			5.99	2.64
234	Trave f.	555	565	108	1	4			5.98	2.64
235	Trave f.	28	555	108	1	4			5.87	2.59
236	Trave	1535	1649	120	5	1	000011			
237	Trave	1565	1652	120	5	1	000011			
238	Trave	1645	1660	120	5	1				
239	Trave	1645	1661	120	5	1				
240	Trave	1578	1632	120	5	1				
241	Trave	1578	1647	120	5	1	000011			
242	Trave	1645	1648	120	5	1				
243	Trave	1545	1645	120	5	1	000011			
244	Trave	1645	1605	120	5	1		000010		
245	Pilas.	1646	1645	120	5	1				
246	Trave	1647	1646	120	5	1				
247	Trave	1646	1648	120	5	1				
248	Trave	1647	1645	120	5	1				
249	Trave	1648	1632	120	5	1		000011		
250	Trave	1649	1539	120	5	1		000011		
251	Trave	1587	1649	120	5	1	000011			
252	Trave	1650	1623	120	5	1		000011		
253	Trave	1554	1650	120	5	1	000011			
254	Trave	1651	1641	120	5	1		000011		
255	Trave	1599	1651	120	5	1		000011		
256	Trave	1652	1614	120	5	1		000011		
257	Trave	1569	1652	120	5	1	000011			
258	Trave	1649	1662	120	5	1				
259	Trave	1652	1663	120	5	1				
260	Trave f.	598	600	108	1	4			6.77	2.98
261	Trave f.	596	598	108	1	4			7.82	3.45
262	Trave f.	594	596	108	1	4			8.49	3.74
263	Trave f.	592	594	108	1	4			8.92	3.93
264	Trave f.	590	592	108	1	4			8.90	3.92
265	Trave f.	588	590	108	1	4			8.55	3.77
266	Trave f.	586	588	108	1	4			8.09	3.56
267	Trave f.	585	586	108	1	4			7.40	3.26
268	Trave f.	622	585	108	1	4			7.74	3.41
269	Trave f.	624	622	108	1	4			7.77	3.42
270	Trave f.	626	624	108	1	4			8.30	3.66
271	Trave f.	628	626	108	1	4			8.68	3.83
272	Trave f.	630	628	108	1	4			9.07	4.00
273	Trave f.	603	630	108	1	4			9.27	4.09
274	Trave f.	9	13	108	1	4			5.46	2.41
275	Trave f.	26	504	108	1	4			0.10	0.10
276	Trave f.	504	514	108	1	4			0.10	0.10
277	Trave f.	514	520	108	1	4			0.10	0.10
278	Trave f.	520	24	108	1	4			0.10	0.10
279	Trave f.	24	493	108	1	4			0.10	0.10
280	Trave f.	493	25	108	1	4			0.10	0.10
281	Trave f.	25	482	108	1	4			0.10	0.10
282	Trave f.	482	23	108	1	4			0.10	0.10
283	Trave f.	23	22	108	1	4			0.10	0.10
284	Trave f.	22	21	108	1	4			0.10	0.10
285	Trave f.	21	456	108	1	4			0.10	0.10
286	Trave f.	456	17	108	1	4			0.10	0.10
287	Trave f.	13	14	108	1	4			0.10	0.10
288	Trave f.	14	33	108	1	4			0.10	0.10
289	Trave f.	33	282	108	1	4			0.10	0.10
290	Trave f.	282	36	108	1	4			0.10	0.10
291	Trave f.	36	293	108	1	4			0.10	0.10
292	Trave f.	293	15	108	1	4			0.10	0.10



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



15_MOD_NUMERAZIONE_D2_TRAVATE

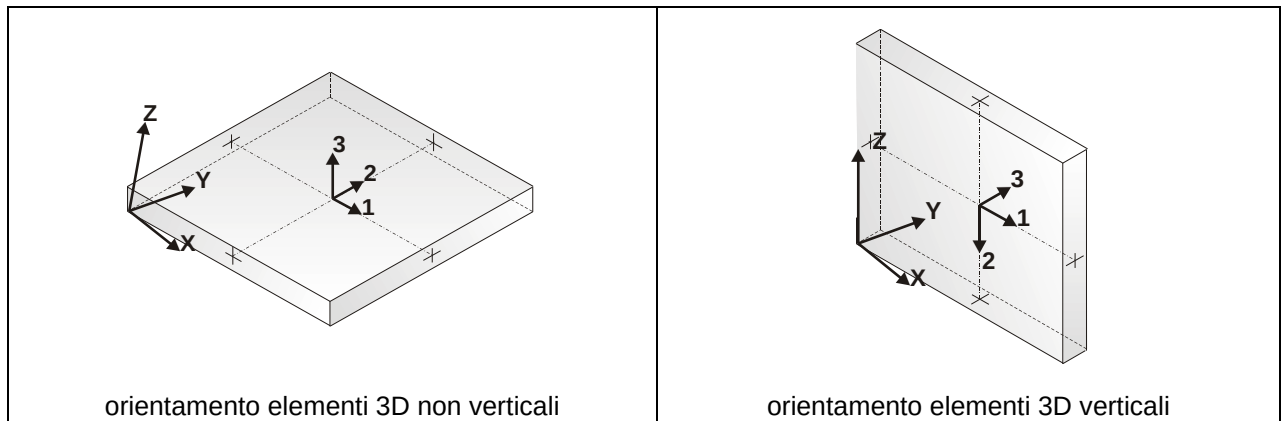
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.

Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: <i>Guscio</i> (elemento guscio in elevazione non verticale) <i>Guscio fond.</i> (elemento guscio su suolo elastico) <i>Setto</i> (elemento guscio in elevazione verticale) <i>Membrana</i> (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, K, L)
Mat.	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore cm	Svincolo	Wink V daN/cm3	Wink O daN/cm3
1	Setto	2	42	41	40	108	4	50.0			
2	Setto	40	41	44	43	108	4	50.0			
3	Setto	43	44	46	45	108	4	50.0			
4	Setto	45	46	48	47	108	4	50.0			
5	Setto	47	48	50	49	108	4	50.0			
6	Setto	42	52	51	41	108	4	50.0			
7	Setto	41	51	53	44	108	4	50.0			
8	Setto	44	53	54	46	108	4	50.0			
9	Setto	46	54	55	48	108	4	50.0			
10	Setto	48	55	56	50	108	4	50.0			
11	Setto	52	58	57	51	108	4	50.0			
12	Setto	51	57	59	53	108	4	50.0			
13	Setto	53	59	60	54	108	4	50.0			
14	Setto	54	60	61	55	108	4	50.0			
15	Setto	55	61	62	56	108	4	50.0			
16	Setto	58	4	63	57	108	4	50.0			
17	Setto	57	63	64	59	108	4	50.0			
18	Setto	59	64	65	60	108	4	50.0			
19	Setto	60	65	66	61	108	4	50.0			
20	Setto	61	66	67	62	108	4	50.0			
21	Setto	4	12	68	63	108	4	50.0			
22	Setto	236	139	140	237	108	4	50.0			
23	Setto	237	140	141	238	108	4	50.0			
24	Setto	65	70	71	66	108	4	50.0			
25	Setto	66	71	72	67	108	4	50.0			
26	Setto	12	3	73	68	108	4	50.0			
27	Setto	8	240	239	229	108	4	50.0			
28	Setto	150	237	238	69	108	4	50.0			
29	Setto	70	75	76	71	108	4	50.0			
30	Setto	71	76	77	72	108	4	50.0			
31	Setto	3	79	78	73	108	4	50.0			
32	Setto	73	78	80	74	108	4	50.0			
33	Setto	74	80	81	75	108	4	50.0			
34	Setto	75	81	82	76	108	4	50.0			
35	Setto	76	82	83	77	108	4	50.0			
36	Setto	79	85	84	78	108	4	50.0			
37	Setto	78	84	86	80	108	4	50.0			
38	Setto	80	86	87	81	108	4	50.0			
39	Setto	81	87	88	82	108	4	50.0			
40	Setto	82	88	89	83	108	4	50.0			
41	Setto	85	91	90	84	108	4	50.0			
42	Setto	84	90	92	86	108	4	50.0			
43	Setto	86	92	93	87	108	4	50.0			
44	Setto	87	93	94	88	108	4	50.0			
45	Setto	88	94	95	89	108	4	50.0			
46	Setto	91	1	96	90	108	4	50.0			
47	Setto	90	96	97	92	108	4	50.0			
48	Setto	92	97	98	93	108	4	50.0			
49	Setto	93	98	99	94	108	4	50.0			
50	Setto	94	99	100	95	108	4	50.0			
51	Setto	96	103	104	1	108	4	50.0			
52	Setto	97	105	103	96	108	4	50.0			
53	Setto	98	106	105	97	108	4	50.0			
54	Setto	99	107	106	98	108	4	50.0			
55	Setto	100	108	107	99	108	4	50.0			
56	Setto	103	109	110	104	108	4	50.0			
57	Setto	105	111	109	103	108	4	50.0			
58	Setto	106	112	111	105	108	4	50.0			
59	Setto	107	113	112	106	108	4	50.0			
60	Setto	108	114	113	107	108	4	50.0			
61	Setto	109	115	101	110	108	4	50.0			
62	Setto	111	116	115	109	108	4	50.0			
63	Setto	112	117	116	111	108	4	50.0			
64	Setto	113	118	117	112	108	4	50.0			
65	Setto	114	119	118	113	108	4	50.0			
66	Setto	120	121	122	102	108	4	50.0			
67	Setto	123	124	121	120	108	4	50.0			
68	Setto	125	126	124	123	108	4	50.0			
69	Setto	127	128	126	125	108	4	50.0			
70	Setto	129	130	128	127	108	4	50.0			
71	Setto	121	131	132	122	108	4	50.0			
72	Setto	124	133	131	121	108	4	50.0			
73	Setto	126	134	133	124	108	4	50.0			

74	Setto	128	135	134	126	108	4	50.0	
75	Setto	130	136	135	128	108	4	50.0	
76	Setto	131	137	9	132	108	4	50.0	J-K
77	Setto	133	138	137	131	108	4	50.0	J-K
78	Setto	134	139	138	133	108	4	50.0	J-K
79	Setto	135	140	139	134	108	4	50.0	J-K
80	Setto	136	141	140	135	108	4	50.0	J-K
81	Setto	115	142	143	101	108	4	50.0	
82	Setto	229	239	241	230	108	4	50.0	
83	Setto	230	241	242	231	108	4	50.0	
84	Setto	118	146	145	117	108	4	50.0	
85	Setto	119	147	146	118	108	4	50.0	
86	Setto	142	148	149	143	108	4	50.0	
87	Setto	231	242	243	232	108	4	50.0	
88	Setto	232	243	244	233	108	4	50.0	
89	Setto	146	152	151	145	108	4	50.0	
90	Setto	147	153	152	146	108	4	50.0	
91	Setto	148	120	102	149	108	4	50.0	
92	Setto	144	150	69	179	108	4	50.0	
93	Setto	240	10	245	239	108	4	50.0	
94	Setto	152	127	125	151	108	4	50.0	
95	Setto	153	129	127	152	108	4	50.0	
96	Setto	40	154	155	2	108	4	50.0	
97	Setto	43	156	154	40	108	4	50.0	
98	Setto	45	157	156	43	108	4	50.0	
99	Setto	47	158	157	45	108	4	50.0	
100	Setto	49	159	158	47	108	4	50.0	
101	Setto	154	160	161	155	108	4	50.0	
102	Setto	156	162	160	154	108	4	50.0	
103	Setto	157	163	162	156	108	4	50.0	
104	Setto	158	164	163	157	108	4	50.0	
105	Setto	159	165	164	158	108	4	50.0	
106	Setto	160	166	167	161	108	4	50.0	
107	Setto	162	168	166	160	108	4	50.0	
108	Setto	163	169	168	162	108	4	50.0	
109	Setto	164	170	169	163	108	4	50.0	
110	Setto	165	171	170	164	108	4	50.0	
111	Setto	166	172	5	167	108	4	50.0	
112	Setto	168	173	172	166	108	4	50.0	
113	Setto	169	174	173	168	108	4	50.0	
114	Setto	170	175	174	169	108	4	50.0	
115	Setto	171	176	175	170	108	4	50.0	
116	Setto	172	177	178	5	108	4	50.0	
117	Setto	239	245	246	241	108	4	50.0	
118	Setto	241	246	247	242	108	4	50.0	
119	Setto	175	181	180	174	108	4	50.0	
120	Setto	176	182	181	175	108	4	50.0	
121	Setto	177	183	6	178	108	4	50.0	
122	Setto	242	247	144	243	108	4	50.0	
123	Setto	243	144	179	244	108	4	50.0	
124	Setto	181	186	185	180	108	4	50.0	
125	Setto	182	187	186	181	108	4	50.0	
126	Setto	183	188	189	6	108	4	50.0	
127	Setto	184	190	188	183	108	4	50.0	
128	Setto	185	191	190	184	108	4	50.0	
129	Setto	186	192	191	185	108	4	50.0	
130	Setto	187	193	192	186	108	4	50.0	
131	Setto	188	194	195	189	108	4	50.0	
132	Setto	190	196	194	188	108	4	50.0	
133	Setto	191	197	196	190	108	4	50.0	
134	Setto	192	198	197	191	108	4	50.0	
135	Setto	193	199	198	192	108	4	50.0	
136	Setto	194	200	7	195	108	4	50.0	J-K
137	Setto	196	201	200	194	108	4	50.0	J-K
138	Setto	197	202	201	196	108	4	50.0	J-K
139	Setto	198	203	202	197	108	4	50.0	J-K
140	Setto	199	204	203	198	108	4	50.0	J-K
141	Setto	7	206	205	200	108	4	50.0	
142	Setto	200	205	207	201	108	4	50.0	
143	Setto	201	207	208	202	108	4	50.0	
144	Setto	202	208	209	203	108	4	50.0	
145	Setto	203	209	210	204	108	4	50.0	
146	Setto	206	212	211	205	108	4	50.0	
147	Setto	205	211	213	207	108	4	50.0	
148	Setto	207	213	214	208	108	4	50.0	
149	Setto	208	214	215	209	108	4	50.0	
150	Setto	209	215	216	210	108	4	50.0	

151	Setto	212	218	217	211	108	4	50.0
152	Setto	211	217	219	213	108	4	50.0
153	Setto	213	219	220	214	108	4	50.0
154	Setto	214	220	221	215	108	4	50.0
155	Setto	215	221	222	216	108	4	50.0
156	Setto	218	224	223	217	108	4	50.0
157	Setto	217	223	225	219	108	4	50.0
158	Setto	219	225	226	220	108	4	50.0
159	Setto	220	226	227	221	108	4	50.0
160	Setto	221	227	228	222	108	4	50.0
161	Setto	224	8	229	223	108	4	50.0
162	Setto	223	229	230	225	108	4	50.0
163	Setto	225	230	231	226	108	4	50.0
164	Setto	226	231	232	227	108	4	50.0
165	Setto	227	232	233	228	108	4	50.0
166	Setto	11	9	137	234	108	4	50.0
167	Setto	234	137	138	235	108	4	50.0
168	Setto	235	138	139	236	108	4	50.0
169	Setto	137	248	13	9	108	4	50.0
170	Setto	138	249	248	137	108	4	50.0
171	Setto	139	250	249	138	108	4	50.0
172	Setto	140	251	250	139	108	4	50.0
173	Setto	141	252	251	140	108	4	50.0
174	Setto	253	562	560	495	108	4	50.0
175	Setto	254	255	256	29	108	4	50.0
176	Setto	259	260	255	254	108	4	50.0
177	Setto	261	262	260	259	108	4	50.0
178	Setto	252	258	257	251	108	4	50.0
179	Setto	265	266	262	261	108	4	50.0
180	Setto	267	268	266	265	108	4	50.0
181	Setto	255	570	27	256	108	4	50.0
182	Setto	260	573	570	255	108	4	50.0
183	Setto	258	264	263	257	108	4	50.0
184	Setto	262	575	573	260	108	4	50.0
185	Setto	266	577	575	262	108	4	50.0
186	Setto	268	579	577	266	108	4	50.0
187	Setto	29	7	200	254	108	4	50.0
188	Setto	264	270	269	263	108	4	50.0
189	Setto	254	200	201	259	108	4	50.0
190	Setto	259	201	202	261	108	4	50.0
191	Setto	261	202	203	265	108	4	50.0
192	Setto	265	203	204	267	108	4	50.0
193	Setto	270	275	274	269	108	4	50.0
194	Setto	271	276	33	14	108	4	50.0
195	Setto	272	277	276	271	108	4	50.0
196	Setto	273	278	277	272	108	4	50.0
197	Setto	274	279	278	273	108	4	50.0
198	Setto	275	280	279	274	108	4	50.0
199	Setto	276	281	282	33	108	4	50.0
200	Setto	277	283	281	276	108	4	50.0
201	Setto	278	284	283	277	108	4	50.0
202	Setto	279	285	284	278	108	4	50.0
203	Setto	280	286	285	279	108	4	50.0
204	Setto	281	287	36	282	108	4	50.0
205	Setto	283	288	287	281	108	4	50.0
206	Setto	284	289	288	283	108	4	50.0
207	Setto	285	290	289	284	108	4	50.0
208	Setto	286	291	290	285	108	4	50.0
209	Setto	287	292	293	36	108	4	50.0
210	Setto	288	294	292	287	108	4	50.0
211	Setto	289	295	294	288	108	4	50.0
212	Setto	290	296	295	289	108	4	50.0
213	Setto	291	297	296	290	108	4	50.0
214	Setto	292	298	15	293	108	4	50.0
215	Setto	294	299	298	292	108	4	50.0
216	Setto	295	300	299	294	108	4	50.0
217	Setto	296	301	300	295	108	4	50.0
218	Setto	297	302	301	296	108	4	50.0
219	Setto	298	303	304	15	108	4	50.0
220	Setto	299	305	303	298	108	4	50.0
221	Setto	300	306	305	299	108	4	50.0
222	Setto	301	307	306	300	108	4	50.0
223	Setto	302	308	307	301	108	4	50.0
224	Setto	303	309	310	304	108	4	50.0
225	Setto	305	311	309	303	108	4	50.0
226	Setto	306	312	311	305	108	4	50.0
227	Setto	307	313	312	306	108	4	50.0

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228	Setto	308	314	313	307	108	4	50.0
229	Setto	309	315	316	310	108	4	50.0
230	Setto	311	317	315	309	108	4	50.0
231	Setto	312	318	317	311	108	4	50.0
232	Setto	313	319	318	312	108	4	50.0
233	Setto	314	320	319	313	108	4	50.0
234	Setto	315	321	37	316	108	4	50.0
235	Setto	317	322	321	315	108	4	50.0
236	Setto	318	323	322	317	108	4	50.0
237	Setto	319	324	323	318	108	4	50.0
238	Setto	320	325	324	319	108	4	50.0
239	Setto	321	326	327	37	108	4	50.0
240	Setto	322	328	326	321	108	4	50.0
241	Setto	323	329	328	322	108	4	50.0
242	Setto	324	330	329	323	108	4	50.0
243	Setto	325	331	330	324	108	4	50.0
244	Setto	326	332	38	327	108	4	50.0
245	Setto	328	333	332	326	108	4	50.0
246	Setto	329	334	333	328	108	4	50.0
247	Setto	330	335	334	329	108	4	50.0
248	Setto	331	336	335	330	108	4	50.0
249	Setto	332	337	338	38	108	4	50.0
250	Setto	333	339	337	332	108	4	50.0
251	Setto	334	340	339	333	108	4	50.0
252	Setto	335	341	340	334	108	4	50.0
253	Setto	336	342	341	335	108	4	50.0
254	Setto	337	343	16	338	108	4	50.0
255	Setto	339	344	343	337	108	4	50.0
256	Setto	340	345	344	339	108	4	50.0
257	Setto	341	346	345	340	108	4	50.0
258	Setto	342	347	346	341	108	4	50.0
259	Setto	39	350	349	348	108	4	50.0
260	Setto	348	349	352	351	108	4	50.0
261	Setto	351	352	354	353	108	4	50.0
262	Setto	353	354	356	355	108	4	50.0
263	Setto	355	356	358	357	108	4	50.0
264	Setto	350	16	343	349	108	4	50.0
265	Setto	349	343	344	352	108	4	50.0
266	Setto	352	344	345	354	108	4	50.0
267	Setto	354	345	346	356	108	4	50.0
268	Setto	356	346	347	358	108	4	50.0
269	Setto	578	495	574	576	108	4	50.0
270	Setto	359	360	363	362	108	4	50.0
271	Setto	362	363	365	364	108	4	50.0
272	Setto	364	365	367	366	108	4	50.0
273	Setto	366	367	369	368	108	4	50.0
274	Setto	580	253	495	578	108	4	50.0
275	Setto	360	370	372	363	108	4	50.0
276	Setto	363	372	373	365	108	4	50.0
277	Setto	365	373	374	367	108	4	50.0
278	Setto	367	374	375	369	108	4	50.0
279	Setto	577	578	576	575	108	4	50.0
280	Setto	370	348	351	372	108	4	50.0
281	Setto	372	351	353	373	108	4	50.0
282	Setto	373	353	355	374	108	4	50.0
283	Setto	374	355	357	375	108	4	50.0
284	Setto	376	377	378	18	108	4	50.0
285	Setto	379	380	377	376	108	4	50.0
286	Setto	381	382	380	379	108	4	50.0
287	Setto	383	384	382	381	108	4	50.0
288	Setto	385	386	384	383	108	4	50.0
289	Setto	377	387	388	378	108	4	50.0
290	Setto	380	389	387	377	108	4	50.0
291	Setto	382	390	389	380	108	4	50.0
292	Setto	384	391	390	382	108	4	50.0
293	Setto	386	392	391	384	108	4	50.0
294	Setto	387	393	394	388	108	4	50.0
295	Setto	389	395	393	387	108	4	50.0
296	Setto	390	396	395	389	108	4	50.0
297	Setto	391	397	396	390	108	4	50.0
298	Setto	392	398	397	391	108	4	50.0
299	Setto	393	399	400	394	108	4	50.0
300	Setto	395	401	399	393	108	4	50.0
301	Setto	396	402	401	395	108	4	50.0
302	Setto	397	403	402	396	108	4	50.0
303	Setto	398	404	403	397	108	4	50.0
304	Setto	399	405	406	400	108	4	50.0

305	Setto	401	407	405	399	108	4	50.0	
306	Setto	402	408	407	401	108	4	50.0	
307	Setto	403	409	408	402	108	4	50.0	
308	Setto	404	410	409	403	108	4	50.0	
309	Setto	405	411	412	406	108	4	50.0	
310	Setto	407	413	411	405	108	4	50.0	
311	Setto	408	414	413	407	108	4	50.0	
312	Setto	409	415	414	408	108	4	50.0	
313	Setto	410	416	415	409	108	4	50.0	
314	Setto	411	417	418	412	108	4	50.0	
315	Setto	413	419	417	411	108	4	50.0	
316	Setto	414	420	419	413	108	4	50.0	
317	Setto	415	421	420	414	108	4	50.0	
318	Setto	416	422	421	415	108	4	50.0	
319	Setto	417	423	424	418	108	4	50.0	
320	Setto	419	425	423	417	108	4	50.0	
321	Setto	420	426	425	419	108	4	50.0	
322	Setto	421	427	426	420	108	4	50.0	
323	Setto	422	428	427	421	108	4	50.0	
324	Setto	423	359	17	424	108	4	50.0	
325	Setto	425	362	359	423	108	4	50.0	
326	Setto	426	364	362	425	108	4	50.0	
327	Setto	427	366	364	426	108	4	50.0	
328	Setto	428	368	366	427	108	4	50.0	
329	Setto	430	15	298	429	108	4	50.0	
330	Setto	429	298	299	431	108	4	50.0	
331	Setto	431	299	300	432	108	4	50.0	
332	Setto	432	300	301	433	108	4	50.0	
333	Setto	433	301	302	434	108	4	50.0	
334	Setto	20	430	429	435	108	4	50.0	
335	Setto	435	429	431	436	108	4	50.0	
336	Setto	436	431	432	437	108	4	50.0	
337	Setto	437	432	433	438	108	4	50.0	
338	Setto	438	433	434	439	108	4	50.0	
339	Setto	442	19	440	441	108	4	50.0	
340	Setto	441	440	443	444	108	4	50.0	
341	Setto	444	443	445	446	108	4	50.0	
342	Setto	446	445	447	448	108	4	50.0	
343	Setto	448	447	449	450	108	4	50.0	
344	Setto	18	442	441	376	108	4	50.0	
345	Setto	376	441	444	379	108	4	50.0	
346	Setto	379	444	446	381	108	4	50.0	
347	Setto	381	446	448	383	108	4	50.0	
348	Setto	383	448	450	385	108	4	50.0	
349	Setto	452	20	435	451	108	4	50.0	
350	Setto	453	438	439	454	108	4	50.0	
351	Setto	19	452	451	440	108	4	50.0	
352	Setto	447	453	454	449	108	4	50.0	
353	Setto	456	17	359	455	108	4	50.0	
354	Setto	455	359	362	457	108	4	50.0	
355	Setto	457	362	364	458	108	4	50.0	
356	Setto	458	364	366	459	108	4	50.0	
357	Setto	459	366	368	460	108	4	50.0	
358	Setto	21	456	455	461	108	4	50.0	
359	Setto	461	455	457	462	108	4	50.0	
360	Setto	462	457	458	463	108	4	50.0	
361	Setto	463	458	459	464	108	4	50.0	
362	Setto	464	459	460	465	108	4	50.0	L-I
363	Setto	23	22	478	469	108	4	50.0	
364	Setto	476	470	471	477	108	4	50.0	
365	Setto	469	478	479	472	108	4	50.0	
366	Setto	472	479	466	473	108	4	50.0	
367	Setto	470	464	465	471	108	4	50.0	J-K
368	Setto	473	466	467	474	108	4	50.0	
369	Setto	474	467	468	475	108	4	50.0	
370	Setto	467	476	477	468	108	4	50.0	
371	Setto	480	481	482	25	108	4	50.0	
372	Setto	483	484	481	480	108	4	50.0	
373	Setto	485	486	484	483	108	4	50.0	
374	Setto	487	488	486	485	108	4	50.0	
375	Setto	489	490	488	487	108	4	50.0	
376	Setto	481	469	23	482	108	4	50.0	
377	Setto	484	472	469	481	108	4	50.0	
378	Setto	486	473	472	484	108	4	50.0	
379	Setto	488	474	473	486	108	4	50.0	
380	Setto	490	475	474	488	108	4	50.0	
381	Setto	491	492	493	24	108	4	50.0	L-I

382	Setto	579	580	578	577	108	4	50.0
383	Setto	571	361	371	572	108	4	50.0
384	Setto	498	499	497	496	108	4	50.0
385	Setto	500	501	499	498	108	4	50.0
386	Setto	492	480	25	493	108	4	50.0
387	Setto	361	553	28	371	108	4	50.0
388	Setto	495	560	558	574	108	4	50.0
389	Setto	499	487	485	497	108	4	50.0
390	Setto	501	489	487	499	108	4	50.0
391	Setto	502	503	504	26	108	4	50.0
392	Setto	505	506	503	502	108	4	50.0
393	Setto	507	508	506	505	108	4	50.0
394	Setto	509	510	508	507	108	4	50.0
395	Setto	511	512	510	509	108	4	50.0
396	Setto	503	513	514	504	108	4	50.0
397	Setto	506	515	513	503	108	4	50.0
398	Setto	508	516	515	506	108	4	50.0
399	Setto	510	517	516	508	108	4	50.0
400	Setto	512	518	517	510	108	4	50.0
401	Setto	513	519	520	514	108	4	50.0
402	Setto	515	521	519	513	108	4	50.0
403	Setto	516	522	521	515	108	4	50.0
404	Setto	517	523	522	516	108	4	50.0
405	Setto	518	524	523	517	108	4	50.0
406	Setto	519	491	24	520	108	4	50.0
407	Setto	521	494	491	519	108	4	50.0
408	Setto	522	496	494	521	108	4	50.0
409	Setto	523	498	496	522	108	4	50.0
410	Setto	524	500	498	523	108	4	50.0
411	Setto	525	526	527	30	108	4	50.0
412	Setto	528	529	526	525	108	4	50.0
413	Setto	530	531	529	528	108	4	50.0
414	Setto	532	533	531	530	108	4	50.0
415	Setto	534	535	533	532	108	4	50.0
416	Setto	526	536	537	527	108	4	50.0
417	Setto	529	538	536	526	108	4	50.0
418	Setto	531	539	538	529	108	4	50.0
419	Setto	533	540	539	531	108	4	50.0
420	Setto	535	34	540	533	108	4	50.0
421	Setto	536	502	26	537	108	4	50.0
422	Setto	538	505	502	536	108	4	50.0
423	Setto	539	507	505	538	108	4	50.0
424	Setto	540	509	507	539	108	4	50.0
425	Setto	635	32	350	39	108	4	50.0
426	Setto	542	543	544	541	108	4	50.0
427	Setto	545	546	543	542	108	4	50.0
428	Setto	547	548	546	545	108	4	50.0
429	Setto	549	550	548	547	108	4	50.0
430	Setto	551	552	550	549	108	4	50.0
431	Setto	543	525	30	544	108	4	50.0
432	Setto	546	528	525	543	108	4	50.0
433	Setto	548	530	528	546	108	4	50.0
434	Setto	550	532	530	548	108	4	50.0
435	Setto	552	534	532	550	108	4	50.0
436	Setto	553	554	555	28	108	4	50.0
437	Setto	556	557	554	553	108	4	50.0
438	Setto	558	559	557	556	108	4	50.0
439	Setto	560	561	559	558	108	4	50.0
440	Setto	562	563	561	560	108	4	50.0
441	Setto	554	564	565	555	108	4	50.0
442	Setto	557	566	564	554	108	4	50.0
443	Setto	559	567	566	557	108	4	50.0
444	Setto	561	568	567	559	108	4	50.0
445	Setto	563	569	568	561	108	4	50.0
446	Setto	564	542	541	565	108	4	50.0
447	Setto	566	545	542	564	108	4	50.0
448	Setto	567	547	545	566	108	4	50.0
449	Setto	568	549	547	567	108	4	50.0
450	Setto	569	551	549	568	108	4	50.0
451	Setto	570	571	572	27	108	4	50.0
452	Setto	31	35	32	635	108	4	50.0
453	Setto	32	599	16	350	108	4	50.0
454	Setto	35	600	599	32	108	4	50.0
455	Setto	15	304	584	583	108	4	50.0
456	Setto	583	584	586	585	108	4	50.0
457	Setto	304	310	587	584	108	4	50.0
458	Setto	584	587	588	586	108	4	50.0

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459	Setto	310	316	589	587	108	4	50.0
460	Setto	587	589	590	588	108	4	50.0
461	Setto	316	37	591	589	108	4	50.0
462	Setto	589	591	592	590	108	4	50.0
463	Setto	37	327	593	591	108	4	50.0
464	Setto	591	593	594	592	108	4	50.0
465	Setto	327	38	595	593	108	4	50.0
466	Setto	593	595	596	594	108	4	50.0
467	Setto	38	338	597	595	108	4	50.0
468	Setto	595	597	598	596	108	4	50.0
469	Setto	338	16	599	597	108	4	50.0
470	Setto	597	599	600	598	108	4	50.0
471	Setto	18	378	602	601	108	4	50.0
472	Setto	601	602	604	603	108	4	50.0
473	Setto	378	388	605	602	108	4	50.0
474	Setto	602	605	606	604	108	4	50.0
475	Setto	388	394	607	605	108	4	50.0
476	Setto	605	607	608	606	108	4	50.0
477	Setto	394	400	609	607	108	4	50.0
478	Setto	607	609	610	608	108	4	50.0
479	Setto	400	406	611	609	108	4	50.0
480	Setto	609	611	612	610	108	4	50.0
481	Setto	406	412	613	611	108	4	50.0
482	Setto	611	613	614	612	108	4	50.0
483	Setto	412	418	615	613	108	4	50.0
484	Setto	613	615	616	614	108	4	50.0
485	Setto	418	424	617	615	108	4	50.0
486	Setto	615	617	618	616	108	4	50.0
487	Setto	424	17	619	617	108	4	50.0
488	Setto	617	619	620	618	108	4	50.0
489	Setto	621	583	15	430	108	4	50.0
490	Setto	622	585	583	621	108	4	50.0
491	Setto	623	621	430	20	108	4	50.0
492	Setto	624	622	621	623	108	4	50.0
493	Setto	625	623	20	452	108	4	50.0
494	Setto	626	624	623	625	108	4	50.0
495	Setto	627	625	452	19	108	4	50.0
496	Setto	628	626	625	627	108	4	50.0
497	Setto	629	627	19	442	108	4	50.0
498	Setto	630	628	627	629	108	4	50.0
499	Setto	601	629	442	18	108	4	50.0
500	Setto	603	630	629	601	108	4	50.0
501	Setto	619	631	581	17	108	4	50.0
502	Setto	620	632	631	619	108	4	50.0
503	Setto	631	633	582	581	108	4	50.0
504	Setto	632	634	633	631	108	4	50.0
505	Setto	633	635	39	582	108	4	50.0
506	Setto	634	31	635	633	108	4	50.0
507	Setto	34	636	540		108	4	50.0
508	Setto	540	636	509		108	4	50.0
509	Setto	636	511	509		108	4	50.0
510	Setto	637	638	108	100	108	4	40.0
511	Setto	639	640	638	637	108	4	40.0
512	Setto	641	642	640	639	108	4	40.0
513	Setto	643	644	642	641	108	4	40.0
514	Setto	645	646	644	643	108	4	40.0
515	Setto	647	648	646	645	108	4	40.0
516	Setto	649	650	648	647	108	4	40.0
517	Setto	651	652	650	649	108	4	40.0
518	Setto	638	653	114	108	108	4	40.0
519	Setto	640	654	653	638	108	4	40.0
520	Setto	642	655	654	640	108	4	40.0
521	Setto	644	656	655	642	108	4	40.0
522	Setto	646	657	656	644	108	4	40.0
523	Setto	648	658	657	646	108	4	40.0
524	Setto	650	659	658	648	108	4	40.0
525	Setto	652	660	659	650	108	4	40.0
526	Setto	653	661	119	114	108	4	40.0
527	Setto	654	662	661	653	108	4	40.0
528	Setto	655	663	662	654	108	4	40.0
529	Setto	656	664	663	655	108	4	40.0
530	Setto	657	665	664	656	108	4	40.0
531	Setto	658	666	665	657	108	4	40.0
532	Setto	659	667	666	658	108	4	40.0
533	Setto	660	668	667	659	108	4	40.0
534	Setto	661	669	147	119	108	4	40.0
535	Setto	662	670	669	661	108	4	40.0

536	Setto	663	671	670	662	108	4	40.0	
537	Setto	664	672	671	663	108	4	40.0	
538	Setto	665	673	672	664	108	4	40.0	
539	Setto	666	674	673	665	108	4	40.0	
540	Setto	667	675	674	666	108	4	40.0	
541	Setto	668	676	675	667	108	4	40.0	
542	Setto	669	677	153	147	108	4	40.0	
543	Setto	670	678	677	669	108	4	40.0	
544	Setto	671	679	678	670	108	4	40.0	
545	Setto	672	680	679	671	108	4	40.0	
546	Setto	673	681	680	672	108	4	40.0	
547	Setto	674	682	681	673	108	4	40.0	
548	Setto	675	683	682	674	108	4	40.0	
549	Setto	676	684	683	675	108	4	40.0	
550	Setto	677	685	129	153	108	4	40.0	
551	Setto	678	686	685	677	108	4	40.0	
552	Setto	679	687	686	678	108	4	40.0	
553	Setto	680	688	687	679	108	4	40.0	
554	Setto	681	689	688	680	108	4	40.0	
555	Setto	682	690	689	681	108	4	40.0	
556	Setto	683	691	690	682	108	4	40.0	
557	Setto	684	692	691	683	108	4	40.0	
558	Setto	685	693	130	129	108	4	40.0	
559	Setto	686	694	693	685	108	4	40.0	
560	Setto	687	695	694	686	108	4	40.0	
561	Setto	688	696	695	687	108	4	40.0	
562	Setto	689	697	696	688	108	4	40.0	
563	Setto	690	698	697	689	108	4	40.0	
564	Setto	691	699	698	690	108	4	40.0	
565	Setto	692	700	699	691	108	4	40.0	
566	Setto	693	701	136	130	108	4	40.0	
567	Setto	694	702	701	693	108	4	40.0	
568	Setto	695	703	702	694	108	4	40.0	
569	Setto	696	704	703	695	108	4	40.0	
570	Setto	697	705	704	696	108	4	40.0	
571	Setto	698	706	705	697	108	4	40.0	
572	Setto	699	707	706	698	108	4	40.0	
573	Setto	700	708	707	699	108	4	40.0	
574	Setto	701	709	141	136	108	4	40.0	J-K
575	Setto	702	710	709	701	108	4	40.0	J-K
576	Setto	945	713	714	946	108	4	38.0	
577	Setto	946	714	715	947	108	4	38.0	
578	Setto	947	715	716	948	108	4	38.0	
579	Setto	706	714	713	705	108	4	40.0	J-K
580	Setto	707	715	714	706	108	4	40.0	J-K
581	Setto	708	716	715	707	108	4	40.0	J-K
582	Setto	49	50	718	717	108	4	40.0	
583	Setto	717	718	720	719	108	4	40.0	
584	Setto	719	720	722	721	108	4	40.0	
585	Setto	721	722	724	723	108	4	40.0	
586	Setto	723	724	726	725	108	4	40.0	
587	Setto	725	726	728	727	108	4	40.0	
588	Setto	727	728	730	729	108	4	40.0	
589	Setto	729	730	732	731	108	4	40.0	
590	Setto	50	56	733	718	108	4	40.0	
591	Setto	718	733	734	720	108	4	40.0	
592	Setto	720	734	735	722	108	4	40.0	
593	Setto	722	735	736	724	108	4	40.0	
594	Setto	724	736	737	726	108	4	40.0	
595	Setto	726	737	738	728	108	4	40.0	
596	Setto	728	738	739	730	108	4	40.0	
597	Setto	730	739	740	732	108	4	40.0	
598	Setto	56	62	741	733	108	4	40.0	
599	Setto	733	741	742	734	108	4	40.0	
600	Setto	734	742	743	735	108	4	40.0	
601	Setto	735	743	744	736	108	4	40.0	
602	Setto	736	744	745	737	108	4	40.0	
603	Setto	737	745	746	738	108	4	40.0	
604	Setto	738	746	747	739	108	4	40.0	
605	Setto	739	747	748	740	108	4	40.0	
606	Setto	62	67	749	741	108	4	40.0	
607	Setto	741	749	750	742	108	4	40.0	
608	Setto	742	750	751	743	108	4	40.0	
609	Setto	743	751	752	744	108	4	40.0	
610	Setto	744	752	753	745	108	4	40.0	
611	Setto	745	753	754	746	108	4	40.0	
612	Setto	746	754	755	747	108	4	40.0	

613	Setto	747	755	756	748	108	4	40.0
614	Setto	67	72	757	749	108	4	40.0
615	Setto	1048	1256	1255	1047	108	4	40.0
616	Setto	1049	1257	1256	1048	108	4	40.0
617	Setto	1260	1268	1267	1259	108	4	40.0
618	Setto	1292	1300	760		108	4	40.0
619	Setto	908	916	1514	1520	108	4	40.0
620	Setto	754	762	763	755	108	4	40.0
621	Setto	755	763	764	756	108	4	40.0
622	Setto	72	77	765	757	108	4	40.0
623	Setto	1294	982	500	524	108	4	40.0
624	Setto	837	845	286	280	108	4	40.0
625	Setto	838	854	845	837	108	4	40.0
626	Setto	839	855	854	838	108	4	40.0
627	Setto	1289	1230	1296	1288	108	4	40.0
628	Setto	762	770	771	763	108	4	40.0
629	Setto	763	771	772	764	108	4	40.0
630	Setto	77	83	773	765	108	4	40.0
631	Setto	765	773	774	766	108	4	40.0
632	Setto	766	774	775	767	108	4	40.0
633	Setto	767	775	776	768	108	4	40.0
634	Setto	768	776	777	769	108	4	40.0
635	Setto	769	777	778	770	108	4	40.0
636	Setto	770	778	779	771	108	4	40.0
637	Setto	771	779	780	772	108	4	40.0
638	Setto	83	89	781	773	108	4	40.0
639	Setto	773	781	782	774	108	4	40.0
640	Setto	774	782	783	775	108	4	40.0
641	Setto	775	783	784	776	108	4	40.0
642	Setto	776	784	785	777	108	4	40.0
643	Setto	777	785	786	778	108	4	40.0
644	Setto	778	786	787	779	108	4	40.0
645	Setto	779	787	788	780	108	4	40.0
646	Setto	89	95	789	781	108	4	40.0
647	Setto	781	789	790	782	108	4	40.0
648	Setto	782	790	791	783	108	4	40.0
649	Setto	783	791	792	784	108	4	40.0
650	Setto	784	792	793	785	108	4	40.0
651	Setto	785	793	794	786	108	4	40.0
652	Setto	786	794	795	787	108	4	40.0
653	Setto	787	795	796	788	108	4	40.0
654	Setto	95	100	637	789	108	4	40.0
655	Setto	789	637	639	790	108	4	40.0
656	Setto	790	639	641	791	108	4	40.0
657	Setto	791	641	643	792	108	4	40.0
658	Setto	792	643	645	793	108	4	40.0
659	Setto	793	645	647	794	108	4	40.0
660	Setto	794	647	649	795	108	4	40.0
661	Setto	795	649	651	796	108	4	40.0
662	Setto	709	797	252	141	108	4	40.0
663	Setto	710	798	797	709	108	4	40.0
664	Setto	711	799	798	710	108	4	40.0
665	Setto	712	800	799	711	108	4	40.0
666	Setto	713	801	800	712	108	4	40.0
667	Setto	714	802	801	713	108	4	40.0
668	Setto	715	803	802	714	108	4	40.0
669	Setto	716	804	803	715	108	4	40.0
670	Setto	1520	1514	1515	1521	108	4	40.0
671	Setto	859	867	866	858	108	4	40.0
672	Setto	860	868	867	859	108	4	40.0
673	Setto	861	846	302	297	108	4	40.0
674	Setto	862	847	846	861	108	4	40.0
675	Setto	863	848	847	862	108	4	40.0
676	Setto	803	811	810	802	108	4	40.0
677	Setto	804	812	811	803	108	4	40.0
678	Setto	1521	1515	1516	1522	108	4	40.0
679	Setto	864	849	848	863	108	4	40.0
680	Setto	865	806	849	864	108	4	40.0
681	Setto	866	807	806	865	108	4	40.0
682	Setto	867	808	807	866	108	4	40.0
683	Setto	868	809	808	867	108	4	40.0
684	Setto	811	819	818	810	108	4	40.0
685	Setto	812	820	819	811	108	4	40.0
686	Setto	813	821	270	264	108	4	40.0
687	Setto	814	822	821	813	108	4	40.0
688	Setto	815	823	822	814	108	4	40.0
689	Setto	816	824	823	815	108	4	40.0

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690	Setto	817	825	824	816	108	4	40.0
691	Setto	818	826	825	817	108	4	40.0
692	Setto	819	827	826	818	108	4	40.0
693	Setto	820	828	827	819	108	4	40.0
694	Setto	821	829	275	270	108	4	40.0
695	Setto	822	830	829	821	108	4	40.0
696	Setto	823	831	830	822	108	4	40.0
697	Setto	824	832	831	823	108	4	40.0
698	Setto	825	833	832	824	108	4	40.0
699	Setto	826	834	833	825	108	4	40.0
700	Setto	827	835	834	826	108	4	40.0
701	Setto	828	836	835	827	108	4	40.0
702	Setto	829	837	280	275	108	4	40.0
703	Setto	830	838	837	829	108	4	40.0
704	Setto	831	839	838	830	108	4	40.0
705	Setto	832	840	839	831	108	4	40.0
706	Setto	833	841	840	832	108	4	40.0
707	Setto	834	842	841	833	108	4	40.0
708	Setto	835	843	842	834	108	4	40.0
709	Setto	836	844	843	835	108	4	40.0
710	Setto	1295	983	982	1294	108	4	40.0
711	Setto	840	856	855	839	108	4	40.0
712	Setto	841	857	856	840	108	4	40.0
713	Setto	851	859	858	850	108	4	40.0
714	Setto	852	860	859	851	108	4	40.0
715	Setto	1522	1516	1517	1523	108	4	40.0
716	Setto	1296	984	983	1295	108	4	40.0
717	Setto	1230	985	984	1296	108	4	40.0
718	Setto	1523	1517	1518	1524	108	4	40.0
719	Setto	842	850	857	841	108	4	40.0
720	Setto	843	851	850	842	108	4	40.0
721	Setto	844	852	851	843	108	4	40.0
722	Setto	204	210	870	869	108	4	38.0
723	Setto	869	870	872	871	108	4	38.0
724	Setto	871	872	874	873	108	4	38.0
725	Setto	873	874	876	875	108	4	38.0
726	Setto	875	876	878	877	108	4	38.0
727	Setto	877	878	880	879	108	4	38.0
728	Setto	879	880	882	881	108	4	38.0
729	Setto	881	882	884	883	108	4	38.0
730	Setto	210	216	885	870	108	4	38.0
731	Setto	870	885	886	872	108	4	38.0
732	Setto	872	886	887	874	108	4	38.0
733	Setto	874	887	888	876	108	4	38.0
734	Setto	876	888	889	878	108	4	38.0
735	Setto	878	889	890	880	108	4	38.0
736	Setto	880	890	891	882	108	4	38.0
737	Setto	882	891	892	884	108	4	38.0
738	Setto	216	222	893	885	108	4	38.0
739	Setto	885	893	894	886	108	4	38.0
740	Setto	886	894	895	887	108	4	38.0
741	Setto	887	895	896	888	108	4	38.0
742	Setto	888	896	897	889	108	4	38.0
743	Setto	889	897	898	890	108	4	38.0
744	Setto	890	898	899	891	108	4	38.0
745	Setto	891	899	900	892	108	4	38.0
746	Setto	222	228	901	893	108	4	38.0
747	Setto	893	901	902	894	108	4	38.0
748	Setto	894	902	903	895	108	4	38.0
749	Setto	895	903	904	896	108	4	38.0
750	Setto	896	904	905	897	108	4	38.0
751	Setto	897	905	906	898	108	4	38.0
752	Setto	898	906	907	899	108	4	38.0
753	Setto	899	907	908	900	108	4	38.0
754	Setto	228	233	909	901	108	4	38.0
755	Setto	901	909	910	902	108	4	38.0
756	Setto	902	910	911	903	108	4	38.0
757	Setto	903	911	912	904	108	4	38.0
758	Setto	904	912	913	905	108	4	38.0
759	Setto	905	913	914	906	108	4	38.0
760	Setto	906	914	915	907	108	4	38.0
761	Setto	907	915	916	908	108	4	38.0
762	Setto	233	244	917	909	108	4	38.0
763	Setto	909	917	918	910	108	4	38.0
764	Setto	910	918	919	911	108	4	38.0
765	Setto	911	919	920	912	108	4	38.0
766	Setto	912	920	921	913	108	4	38.0

767	Setto	913	921	922	914	108	4	38.0
768	Setto	914	922	923	915	108	4	38.0
769	Setto	915	923	924	916	108	4	38.0
770	Setto	244	179	925	917	108	4	38.0
771	Setto	917	925	926	918	108	4	38.0
772	Setto	918	926	927	919	108	4	38.0
773	Setto	919	927	928	920	108	4	38.0
774	Setto	920	928	929	921	108	4	38.0
775	Setto	921	929	930	922	108	4	38.0
776	Setto	922	930	931	923	108	4	38.0
777	Setto	923	931	932	924	108	4	38.0
778	Setto	179	69	933	925	108	4	38.0
779	Setto	925	933	934	926	108	4	38.0
780	Setto	926	934	935	927	108	4	38.0
781	Setto	927	935	936	928	108	4	38.0
782	Setto	928	936	937	929	108	4	38.0
783	Setto	929	937	938	930	108	4	38.0
784	Setto	930	938	939	931	108	4	38.0
785	Setto	931	939	940	932	108	4	38.0
786	Setto	69	238	941	933	108	4	38.0
787	Setto	933	941	942	934	108	4	38.0
788	Setto	934	942	943	935	108	4	38.0
789	Setto	935	943	944	936	108	4	38.0
790	Setto	936	944	945	937	108	4	38.0
791	Setto	937	945	946	938	108	4	38.0
792	Setto	938	946	947	939	108	4	38.0
793	Setto	939	947	948	940	108	4	38.0
794	Setto	238	141	709	941	108	4	38.0
795	Setto	941	709	710	942	108	4	38.0
796	Setto	942	710	711	943	108	4	38.0
797	Setto	943	711	712	944	108	4	38.0
798	Setto	944	712	713	945	108	4	38.0
799	Setto	717	949	159	49	108	4	40.0
800	Setto	719	950	949	717	108	4	40.0
801	Setto	721	951	950	719	108	4	40.0
802	Setto	723	952	951	721	108	4	40.0
803	Setto	725	953	952	723	108	4	40.0
804	Setto	727	954	953	725	108	4	40.0
805	Setto	729	955	954	727	108	4	40.0
806	Setto	731	956	955	729	108	4	40.0
807	Setto	949	957	165	159	108	4	40.0
808	Setto	950	958	957	949	108	4	40.0
809	Setto	951	959	958	950	108	4	40.0
810	Setto	952	960	959	951	108	4	40.0
811	Setto	953	961	960	952	108	4	40.0
812	Setto	954	962	961	953	108	4	40.0
813	Setto	955	963	962	954	108	4	40.0
814	Setto	956	964	963	955	108	4	40.0
815	Setto	957	965	171	165	108	4	40.0
816	Setto	958	966	965	957	108	4	40.0
817	Setto	959	967	966	958	108	4	40.0
818	Setto	960	968	967	959	108	4	40.0
819	Setto	961	969	968	960	108	4	40.0
820	Setto	962	970	969	961	108	4	40.0
821	Setto	963	971	970	962	108	4	40.0
822	Setto	964	972	971	963	108	4	40.0
823	Setto	965	973	176	171	108	4	40.0
824	Setto	966	974	973	965	108	4	40.0
825	Setto	967	975	974	966	108	4	40.0
826	Setto	968	976	975	967	108	4	40.0
827	Setto	969	977	976	968	108	4	40.0
828	Setto	970	978	977	969	108	4	40.0
829	Setto	971	979	978	970	108	4	40.0
830	Setto	972	980	979	971	108	4	40.0
831	Setto	1527	1521	1522	1528	108	4	40.0
832	Setto	1268	1276	1275	1267	108	4	40.0
833	Setto	1269	1277	1276	1268	108	4	40.0
834	Setto	1270	1278	512	511	108	4	40.0
835	Setto	1271	1279	1278	1270	108	4	40.0
836	Setto	1272	1280	1279	1271	108	4	40.0
837	Setto	979	987	986	978	108	4	40.0
838	Setto	980	988	987	979	108	4	40.0
839	Setto	1528	1522	1523	1529	108	4	40.0
840	Setto	1273	1281	1280	1272	108	4	40.0
841	Setto	1274	1282	1281	1273	108	4	40.0
842	Setto	1275	1283	1282	1274	108	4	40.0
843	Setto	1276	1284	1283	1275	108	4	40.0

844	Setto	1565	1617	1616	1563	108	4	23.0	
845	Setto	987	995	994	986	108	4	40.0	
846	Setto	988	996	995	987	108	4	40.0	
847	Setto	989	997	193	187	108	4	40.0	
848	Setto	990	998	997	989	108	4	40.0	
849	Setto	991	999	998	990	108	4	40.0	
850	Setto	992	1000	999	991	108	4	40.0	
851	Setto	993	1001	1000	992	108	4	40.0	
852	Setto	994	1002	1001	993	108	4	40.0	
853	Setto	995	1003	1002	994	108	4	40.0	
854	Setto	996	1004	1003	995	108	4	40.0	
855	Setto	997	1005	199	193	108	4	40.0	
856	Setto	998	1006	1005	997	108	4	40.0	
857	Setto	999	1007	1006	998	108	4	40.0	
858	Setto	1000	1008	1007	999	108	4	40.0	
859	Setto	1001	1009	1008	1000	108	4	40.0	
860	Setto	1002	1010	1009	1001	108	4	40.0	
861	Setto	1003	1011	1010	1002	108	4	40.0	
862	Setto	1004	1012	1011	1003	108	4	40.0	
863	Setto	1005	869	204	199	108	4	40.0	J-K
864	Setto	1006	871	869	1005	108	4	40.0	J-K
865	Setto	1007	873	871	1006	108	4	40.0	J-K
866	Setto	1008	875	873	1007	108	4	40.0	J-K
867	Setto	1009	877	875	1008	108	4	40.0	J-K
868	Setto	1010	879	877	1009	108	4	40.0	J-K
869	Setto	1011	881	879	1010	108	4	40.0	J-K
870	Setto	1012	883	881	1011	108	4	40.0	J-K
871	Setto	846	1013	308	302	108	4	40.0	
872	Setto	847	1014	1013	846	108	4	40.0	
873	Setto	848	1015	1014	847	108	4	40.0	
874	Setto	849	1016	1015	848	108	4	40.0	
875	Setto	806	1017	1016	849	108	4	40.0	
876	Setto	807	1018	1017	806	108	4	40.0	
877	Setto	808	1019	1018	807	108	4	40.0	
878	Setto	809	1020	1019	808	108	4	40.0	
879	Setto	1013	1021	314	308	108	4	40.0	
880	Setto	1014	1022	1021	1013	108	4	40.0	
881	Setto	1015	1023	1022	1014	108	4	40.0	
882	Setto	1016	1024	1023	1015	108	4	40.0	
883	Setto	1017	1025	1024	1016	108	4	40.0	
884	Setto	1018	1026	1025	1017	108	4	40.0	
885	Setto	1019	1027	1026	1018	108	4	40.0	
886	Setto	1020	1028	1027	1019	108	4	40.0	
887	Setto	1021	1029	320	314	108	4	40.0	
888	Setto	1022	1030	1029	1021	108	4	40.0	
889	Setto	1023	1031	1030	1022	108	4	40.0	
890	Setto	1024	1032	1031	1023	108	4	40.0	
891	Setto	1025	1033	1032	1024	108	4	40.0	
892	Setto	1026	1034	1033	1025	108	4	40.0	
893	Setto	1027	1035	1034	1026	108	4	40.0	
894	Setto	1288	1296	1295	1287	108	4	40.0	
895	Setto	1029	1037	325	320	108	4	40.0	
896	Setto	1030	1038	1037	1029	108	4	40.0	
897	Setto	1031	1039	1038	1030	108	4	40.0	
898	Setto	1032	1040	1039	1031	108	4	40.0	
899	Setto	1033	1041	1040	1032	108	4	40.0	
900	Setto	1034	1042	1041	1033	108	4	40.0	
901	Setto	1035	1043	1042	1034	108	4	40.0	
902	Setto	1036	1044	1043	1035	108	4	40.0	
903	Setto	1524	1518	1519	1525	108	4	40.0	
904	Setto	1278	1286	518	512	108	4	40.0	
905	Setto	1279	1287	1286	1278	108	4	40.0	
906	Setto	1280	1288	1287	1279	108	4	40.0	
907	Setto	1281	1289	1288	1280	108	4	40.0	
908	Setto	1282	1290	1289	1281	108	4	40.0	
909	Setto	1043	1051	1050	1042	108	4	40.0	
910	Setto	1044	1052	1051	1043	108	4	40.0	
911	Setto	900	908	1520	1526	108	4	40.0	
912	Setto	1283	1291	1290	1282	108	4	40.0	
913	Setto	1284	1292	1291	1283	108	4	40.0	
914	Setto	1285	1293	1292	1284	108	4	40.0	
915	Setto	1286	1294	524	518	108	4	40.0	
916	Setto	1287	1295	1294	1286	108	4	40.0	
917	Setto	1051	1059	1058	1050	108	4	40.0	
918	Setto	1052	1060	1059	1051	108	4	40.0	
919	Setto	1053	1061	342	336	108	4	40.0	
920	Setto	1054	1062	1061	1053	108	4	40.0	

921	Setto	1055	1063	1062	1054	108	4	40.0	
922	Setto	1056	1064	1063	1055	108	4	40.0	
923	Setto	1057	1065	1064	1056	108	4	40.0	
924	Setto	1058	1066	1065	1057	108	4	40.0	
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926	Setto	1060	1068	1067	1059	108	4	40.0	
927	Setto	1061	1069	347	342	108	4	40.0	
928	Setto	1062	1070	1069	1061	108	4	40.0	
929	Setto	1063	1071	1070	1062	108	4	40.0	
930	Setto	1064	1072	1071	1063	108	4	40.0	
931	Setto	1065	1073	1072	1064	108	4	40.0	
932	Setto	1066	1074	1073	1065	108	4	40.0	
933	Setto	1067	1075	1074	1066	108	4	40.0	
934	Setto	1068	1076	1075	1067	108	4	40.0	
935	Setto	475	468	1078	1077	108	4	40.0	
936	Setto	1077	1078	1080	1079	108	4	40.0	
937	Setto	1079	1080	1082	1081	108	4	40.0	
938	Setto	1081	1082	1084	1083	108	4	40.0	
939	Setto	1083	1084	1086	1085	108	4	40.0	
940	Setto	1085	1086	1088	1087	108	4	40.0	
941	Setto	1087	1088	1090	1089	108	4	40.0	
942	Setto	1089	1090	1092	1091	108	4	40.0	
943	Setto	468	477	1093	1078	108	4	40.0	
944	Setto	1078	1093	1094	1080	108	4	40.0	
945	Setto	1080	1094	1095	1082	108	4	40.0	
946	Setto	1082	1095	1096	1084	108	4	40.0	
947	Setto	1084	1096	1097	1086	108	4	40.0	
948	Setto	1086	1097	1098	1088	108	4	40.0	
949	Setto	1088	1098	1099	1090	108	4	40.0	
950	Setto	1090	1099	1100	1092	108	4	40.0	
951	Setto	477	471	1101	1093	108	4	40.0	
952	Setto	1093	1101	1102	1094	108	4	40.0	
953	Setto	1094	1102	1103	1095	108	4	40.0	
954	Setto	1095	1103	1104	1096	108	4	40.0	
955	Setto	1096	1104	1105	1097	108	4	40.0	
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957	Setto	1098	1106	1107	1099	108	4	40.0	
958	Setto	1099	1107	1108	1100	108	4	40.0	
959	Setto	471	465	1109	1101	108	4	40.0	J-K
960	Setto	1101	1109	1110	1102	108	4	40.0	J-K
961	Setto	1102	1110	1111	1103	108	4	40.0	J-K
962	Setto	1103	1111	1112	1104	108	4	40.0	J-K
963	Setto	1104	1112	1113	1105	108	4	40.0	J-K
964	Setto	1105	1113	1114	1106	108	4	40.0	J-K
965	Setto	1106	1114	1115	1107	108	4	40.0	J-K
966	Setto	1107	1115	1116	1108	108	4	40.0	J-K
967	Setto	465	460	1117	1109	108	4	40.0	L-I
968	Setto	1109	1117	1118	1110	108	4	40.0	L-I
969	Setto	1110	1118	1119	1111	108	4	40.0	L-I
970	Setto	1111	1119	1120	1112	108	4	40.0	L-I
971	Setto	1112	1120	1121	1113	108	4	40.0	L-I
972	Setto	1113	1121	1122	1114	108	4	40.0	L-I
973	Setto	1114	1122	1123	1115	108	4	40.0	L-I
974	Setto	1115	1123	1124	1116	108	4	40.0	L-I
975	Setto	460	368	1125	1117	108	4	40.0	
976	Setto	1117	1125	1126	1118	108	4	40.0	
977	Setto	1118	1126	1127	1119	108	4	40.0	
978	Setto	1119	1127	1128	1120	108	4	40.0	
979	Setto	1120	1128	1129	1121	108	4	40.0	
980	Setto	1121	1129	1130	1122	108	4	40.0	
981	Setto	1122	1130	1131	1123	108	4	40.0	
982	Setto	1123	1131	1132	1124	108	4	40.0	
983	Setto	368	369	1133	1125	108	4	40.0	
984	Setto	1125	1133	1134	1126	108	4	40.0	
985	Setto	1126	1134	1135	1127	108	4	40.0	
986	Setto	1127	1135	1136	1128	108	4	40.0	
987	Setto	1128	1136	1137	1129	108	4	40.0	
988	Setto	1129	1137	1138	1130	108	4	40.0	
989	Setto	1130	1138	1139	1131	108	4	40.0	
990	Setto	1131	1139	1140	1132	108	4	40.0	
991	Setto	369	375	1141	1133	108	4	40.0	
992	Setto	1133	1141	1142	1134	108	4	40.0	
993	Setto	1134	1142	1143	1135	108	4	40.0	
994	Setto	1135	1143	1144	1136	108	4	40.0	
995	Setto	1136	1144	1145	1137	108	4	40.0	
996	Setto	1137	1145	1146	1138	108	4	40.0	
997	Setto	1138	1146	1147	1139	108	4	40.0	

998	Setto	1139	1147	1148	1140	108	4	40.0	
999	Setto	375	357	1149	1141	108	4	40.0	
1000	Setto	1141	1149	1150	1142	108	4	40.0	
1001	Setto	1142	1150	1151	1143	108	4	40.0	
1002	Setto	1143	1151	1152	1144	108	4	40.0	
1003	Setto	1144	1152	1153	1145	108	4	40.0	
1004	Setto	1145	1153	1154	1146	108	4	40.0	
1005	Setto	1146	1154	1155	1147	108	4	40.0	
1006	Setto	1147	1155	1156	1148	108	4	40.0	
1007	Setto	357	358	1157	1149	108	4	40.0	
1008	Setto	1149	1157	1158	1150	108	4	40.0	
1009	Setto	1150	1158	1159	1151	108	4	40.0	
1010	Setto	1151	1159	1160	1152	108	4	40.0	
1011	Setto	1152	1160	1161	1153	108	4	40.0	
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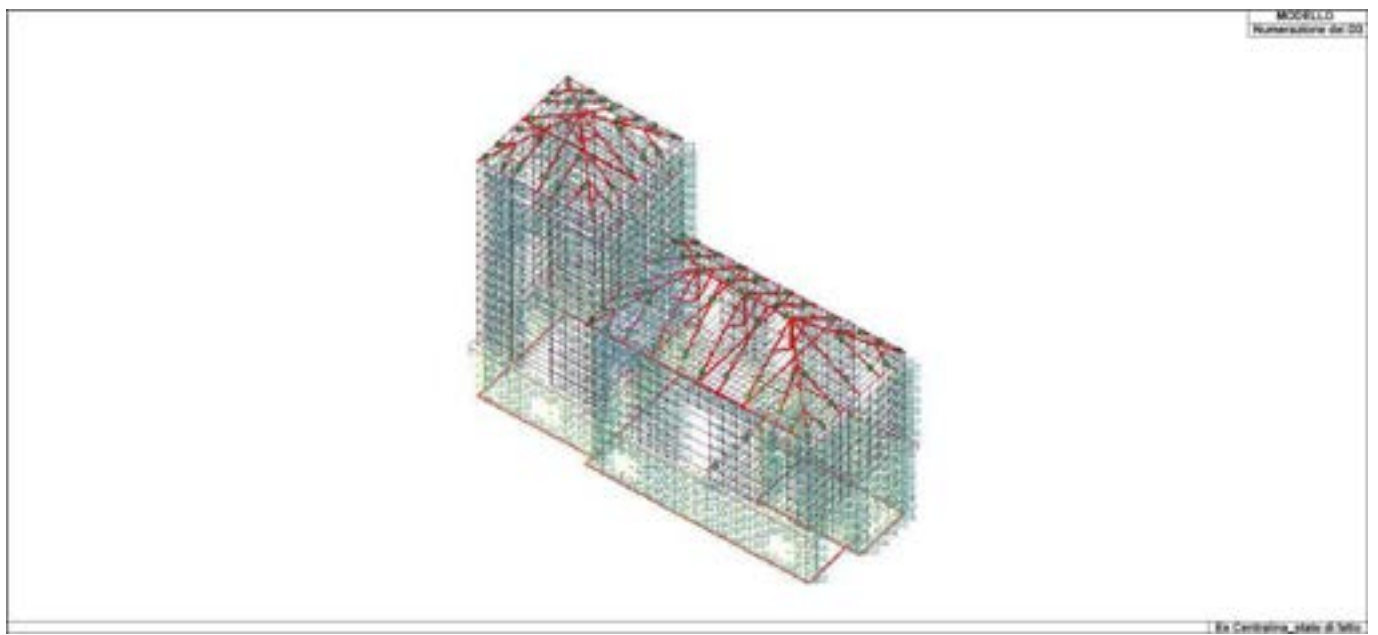
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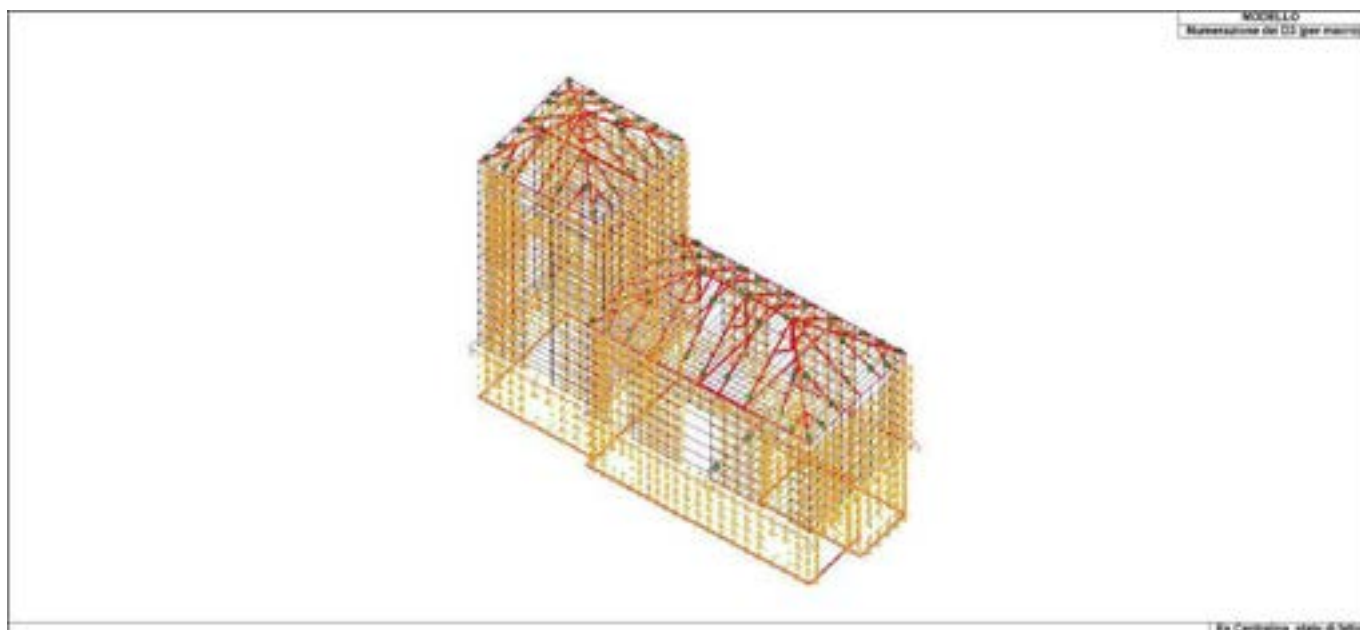
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1310	Setto	1504	1498	1499	1505	108	4	40.0
1311	Setto	1505	1499	1500	1506	108	4	40.0
1312	Setto	1506	1500	1501	1507	108	4	40.0
1313	Setto	924	932	1502	1508	108	4	40.0
1314	Setto	1508	1502	1503	1509	108	4	40.0
1315	Setto	1509	1503	1504	1510	108	4	40.0
1316	Setto	1510	1504	1505	1511	108	4	40.0
1317	Setto	1511	1505	1506	1512	108	4	40.0
1318	Setto	1512	1506	1507	1513	108	4	40.0
1319	Setto	916	924	1508	1514	108	4	40.0
1320	Setto	1514	1508	1509	1515	108	4	40.0
1321	Setto	1515	1509	1510	1516	108	4	40.0
1322	Setto	1516	1510	1511	1517	108	4	40.0
1323	Setto	1517	1511	1512	1518	108	4	40.0
1324	Setto	1518	1512	1513	1519	108	4	40.0
1325	Setto	1531	1532	1327	1326	108	4	23.0
1326	Setto	1533	1534	1532	1531	108	4	23.0
1327	Setto	1535	1536	1534	1533	108	4	23.0
1328	Setto	1532	1537	1333	1327	108	4	23.0
1329	Setto	1495	1375	1558	1618	108	4	23.0
1330	Setto	1536	1539	1538	1534	108	4	23.0
1331	Setto	1537	1540	1339	1333	108	4	23.0
1332	Setto	1618	1558	1559	1619	108	4	23.0
1333	Setto	1539	1542	1541	1538	108	4	23.0
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1335	Setto	1619	1559	1560	1620	108	4	23.0
1336	Setto	1542	1545	1544	1541	108	4	23.0
1337	Setto	1543	1546	1351	1345	108	4	23.0
1338	Setto	1501	1495	1618	1621	108	4	23.0
1339	Setto	1545	1548	1547	1544	108	4	23.0
1340	Setto	1546	1549	1357	1351	108	4	23.0
1341	Setto	1591	1642	1643	1593	108	4	23.0
1342	Setto	1548	1551	1550	1547	108	4	23.0
1343	Setto	1549	1552	1363	1357	108	4	23.0
1344	Setto	1622	1619	1620	1623	108	4	23.0
1345	Setto	1551	1554	1553	1550	108	4	23.0
1346	Setto	1552	1555	1369	1363	108	4	23.0
1347	Setto	1507	1501	1621	1624	108	4	23.0
1348	Setto	1554	1557	1556	1553	108	4	23.0
1349	Setto	1555	1558	1375	1369	108	4	23.0
1350	Setto	1556	1559	1558	1555	108	4	23.0
1351	Setto	1557	1560	1559	1556	108	4	23.0
1352	Setto	1386	1387	1562	1561	108	4	23.0
1353	Setto	1561	1562	1564	1563	108	4	23.0
1354	Setto	1563	1564	1566	1565	108	4	23.0
1355	Setto	1387	1393	1567	1562	108	4	23.0
1356	Setto	1640	1637	1638	1641	108	4	23.0
1357	Setto	1564	1568	1569	1566	108	4	23.0
1358	Setto	1393	1399	1570	1567	108	4	23.0
1359	Setto	1625	1622	1623	1626	108	4	23.0
1360	Setto	1568	1571	1572	1569	108	4	23.0
1361	Setto	1399	1405	1573	1570	108	4	23.0
1362	Setto	1513	1507	1624	1627	108	4	23.0
1363	Setto	1571	1574	1575	1572	108	4	23.0
1364	Setto	1405	1411	1576	1573	108	4	23.0
1365	Setto	1409	1461	1639	1642	108	4	23.0
1366	Setto	1574	1577	1578	1575	108	4	23.0
1367	Setto	1411	1417	1579	1576	108	4	23.0
1368	Setto	1628	1625	1626	1629	108	4	23.0
1369	Setto	1577	1580	1581	1578	108	4	23.0
1370	Setto	1417	1423	1582	1579	108	4	23.0
1371	Setto	1519	1513	1627	1630	108	4	23.0
1372	Setto	1580	1583	1584	1581	108	4	23.0
1373	Setto	1423	1429	1585	1582	108	4	23.0
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1375	Setto	1583	1586	1587	1584	108	4	23.0
1376	Setto	1429	1435	1588	1585	108	4	23.0
1377	Setto	1631	1628	1629	1632	108	4	23.0
1378	Setto	1586	1589	1590	1587	108	4	23.0
1379	Setto	1435	1326	1531	1588	108	4	23.0
1380	Setto	1588	1531	1533	1589	108	4	23.0
1381	Setto	1589	1533	1535	1590	108	4	23.0
1382	Setto	1592	1591	1446	1447	108	4	23.0

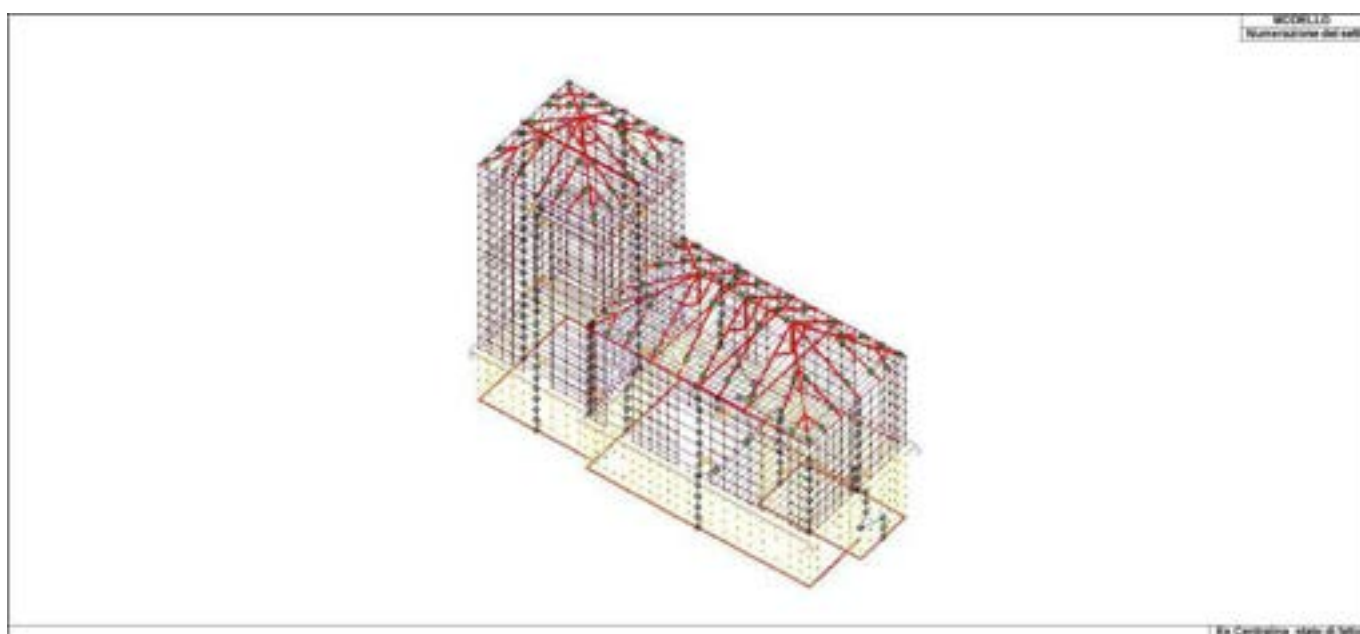
1383	Setto	1594	1593	1591	1592	108	4	23.0
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1385	Setto	1597	1592	1447	1453	108	4	23.0
1386	Setto	1525	1519	1630	1633	108	4	23.0
1387	Setto	1599	1596	1594	1598	108	4	23.0
1388	Setto	1600	1597	1453	1459	108	4	23.0
1389	Setto	1643	1640	1641	1644	108	4	23.0
1390	Setto	1602	1599	1598	1601	108	4	23.0
1391	Setto	1603	1600	1459	1465	108	4	23.0
1392	Setto	1634	1631	1632	1635	108	4	23.0
1393	Setto	1605	1602	1601	1604	108	4	23.0
1394	Setto	1606	1603	1465	1471	108	4	23.0
1395	Setto	805	1525	1633	1636	108	4	23.0
1396	Setto	1608	1605	1604	1607	108	4	23.0
1397	Setto	1609	1606	1471	1477	108	4	23.0
1398	Setto	1446	1409	1642	1591	108	4	23.0
1399	Setto	1611	1608	1607	1610	108	4	23.0
1400	Setto	1612	1609	1477	1483	108	4	23.0
1401	Setto	1637	1634	1635	1638	108	4	23.0
1402	Setto	1614	1611	1610	1613	108	4	23.0
1403	Setto	1615	1612	1483	1489	108	4	23.0
1404	Setto	1461	805	1636	1639	108	4	23.0
1405	Setto	1617	1614	1613	1616	108	4	23.0
1406	Setto	1561	1615	1489	1386	108	4	23.0
1407	Setto	1563	1616	1615	1561	108	4	23.0
1408	Setto	1277	1655	1276		108	1	40.0
1409	Setto	1655	1285	1284		108	1	40.0
1410	Setto	1276	1655	1284		108	1	40.0



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_MACRO



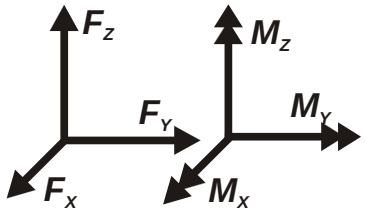
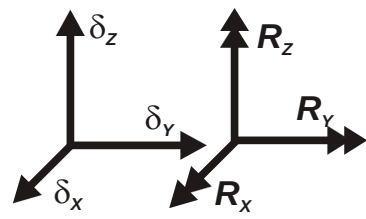
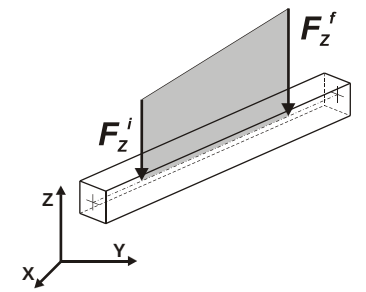
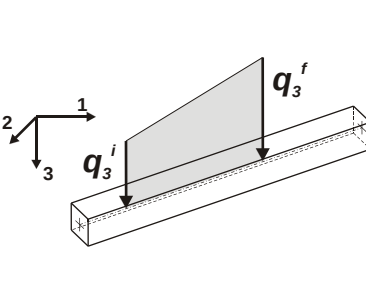
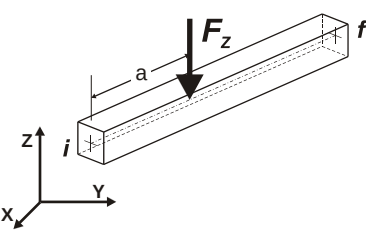
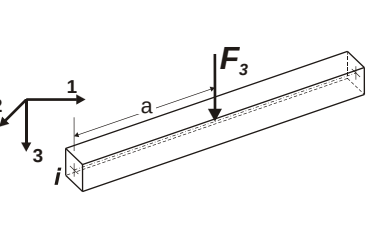
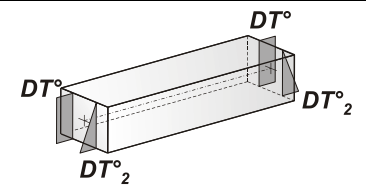
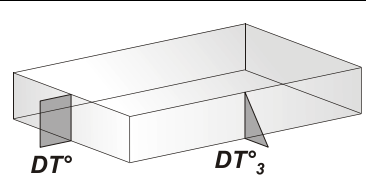
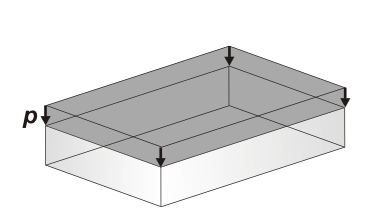
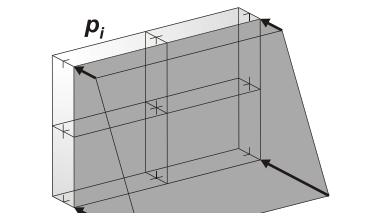
16_MOD_NUMERAZIONE_D3_PARETI

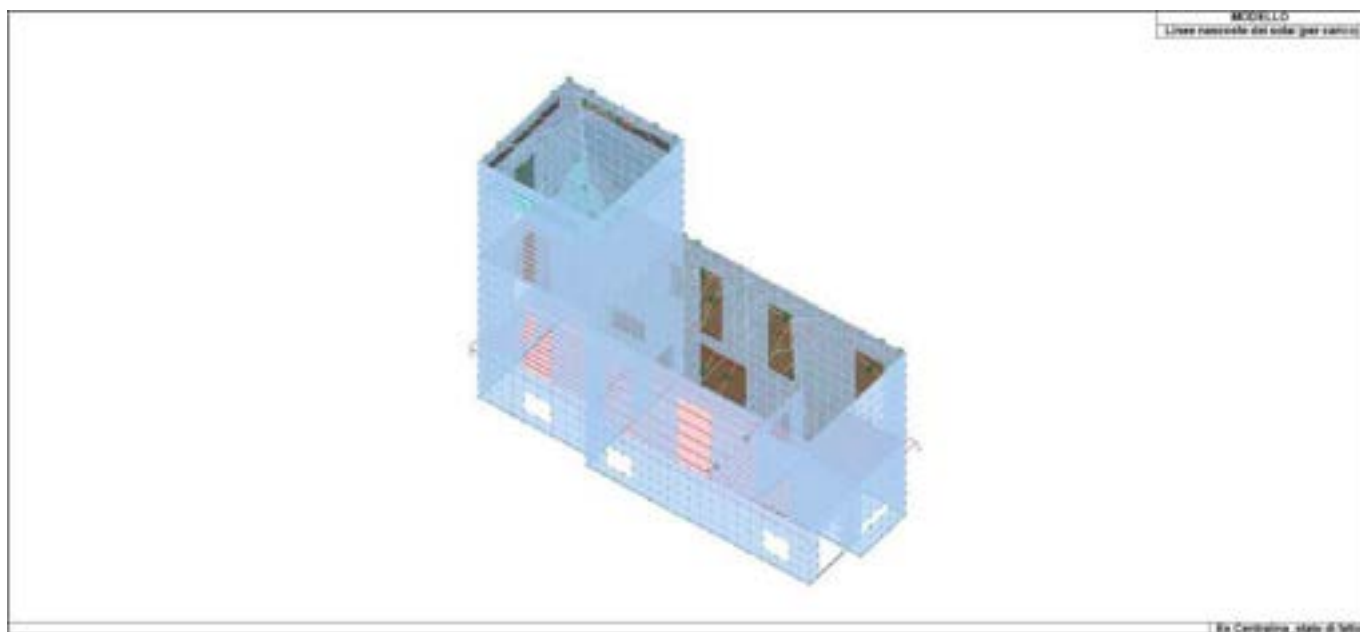
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	carico concentrato nodale 6 dati (forza F_x , F_y , F_z , momento M_x , M_y , M_z)
2	spostamento nodale impresso 6 dati (spostamento T_x, T_y, T_z , rotazione R_x, R_y, R_z)
3	carico distribuito globale su elemento tipo trave 7 dati ($f_x, f_y, f_z, m_x, m_y, m_z$, ascissa di inizio carico) 7 dati ($f_x, f_y, f_z, m_x, m_y, m_z$, ascissa di fine carico)
4	carico distribuito locale su elemento tipo trave 7 dati ($f_1, f_2, f_3, m_1, m_2, m_3$, ascissa di inizio carico) 7 dati ($f_1, f_2, f_3, m_1, m_2, m_3$, ascissa di fine carico)
5	carico concentrato globale su elemento tipo trave 7 dati ($F_x, F_y, F_z, M_x, M_y, M_z$, ascissa di carico)
6	carico concentrato locale su elemento tipo trave 7 dati ($F_1, F_2, F_3, M_1, M_2, M_3$, ascissa di carico)
7	variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	carico di pressione uniforme su elemento tipo piastra 1 dato (pressione)
9	carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota)
10	variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore)
11	carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi)

 Carico concentrato nodale	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico concentrato globale	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico pressione uniforme	 Carico pressione variabile



21_CAR_CARICHI_SOLAI

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	Tipo	Descrizione
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

LOCALIZZAZIONE DELL'INTERVENTO

Ubicazione:

Località	VENARIA REALE
Provincia	TORINO
Regione	PIEMONTE
Latitudine	45,13100 N
Longitudine	7,63100 E
Altitudine s.l.m.	262,0 m

CALCOLO DELLE AZIONI DELLA NEVE E DEL VENTO

Normativa di riferimento:

D.M. 17 gennaio 2018 - NORME TECNICHE PER LE COSTRUZIONI

Cap. 3 - AZIONI SULLE COSTRUZIONI - Par. 3.3 e 3.4

Circolare n.7 - 21 gennaio 2019 C.S.LL.PP.

NEVE

Il carico della neve sulle coperture è calcolato in relazione ai seguenti parametri:

Zona: macro area derivante dalla suddivisione del territorio nazionale;

Esp.: zona topografica di esposizione al vento;

Ce: coefficiente di esposizione al vento;

TR: periodo di ritorno di progetto espresso in anni;

as: altitudine del sito;

qsk: valore caratteristico del carico della neve al suolo (per $T_r = 50$ anni);

Zona	Esposizione	Ce	TR	as	qsk
I Alpina	Zona normale	1,00	50 anni	262 m	157,00

Copertura a due falde:

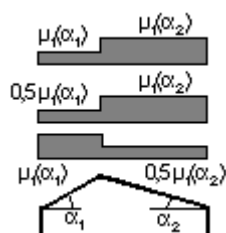
Angolo di inclinazione della falda $\alpha_1 = 30,0^\circ$

$\mu_1(\alpha_1) = 0,80 \Rightarrow Q_1 = 126 \text{ daN/mq}$

Angolo di inclinazione della falda $\alpha_2 = 30,0^\circ$

$\mu_1(\alpha_2) = 0,80 \Rightarrow Q_2 = 126 \text{ daN/mq}$

Schema di carico:



VENTO

La velocità del vento è calcolata in relazione ai seguenti parametri:

Zona: macro area derivante dalla suddivisione del territorio nazionale (NTC - Tab. 3.3.I);

Vb,0: velocità base della zona (NTC - Tab. 3.3.I);

a0: altitudine base della zona (NTC - Tab. 3.3.I);

ks: parametro in funzione della zona in cui sorge la costruzione (NTC - Tab. 3.3.I);

as: altitudine del sito;

TR: periodo di ritorno di progetto espresso in anni;

Vb: velocità di riferimento calcolata come segue:

$V_b = V_{b,0}$ per $a_s \leq a_0$

$V_b = V_{b,0} (1 + k_s ((a_s / a_0) - 1))$ per $a_0 < a_s \leq 1500 \text{ m}$

per $a_s > 1500 \text{ m}$ vanno ricavati da opportuna documentazione o da indagini comprovate

Tali valori non dovranno essere minori di quelli previsti per $a_s = 1500 \text{ m}$

Cr: coefficiente di ritorno in funzione del periodo di ritorno TR

Vr: velocità di riferimento riferita al periodo di ritorno TR

Zona	Vb,0	a0	ks	as	TR	Vb	Cr	Vr

1	25 m/s	1000 m	0,40	262 m	50 anni	25,00 m/s	1,000	25,00 m/s

Pressione cinetica di riferimento, $q_r = \rho V_r^2 / 2 = 39 \text{ daN/mq}$

dove: ρ è la densità dell'aria (assunta convenzionalmente costante = 1,25 kg/mc)

Esposizione: Cat. IV - Entroterra fino a 500 m di altitudine

Da cui i parametri della tabella 3.3.II delle NTC

Kr	z0	z min
0,22	0,30 m	8 m

Classe di rugosità del terreno: B (NTC - Tab. 3.3.III)

Aree urbane (non di classe A), suburbane, industriali e boschive

L'azione del vento sulle costruzioni è determinata dai seguenti parametri:

Cp: coefficiente di pressione;

Cd: coefficiente dinamico;

Ct: coefficiente di topografia;

Ce: coefficiente di esposizione (funzione di z, z0 e Ct);

z: altezza sul suolo.

Cp	Cd	Ct	Ce	z
0,80	1,00	1,00	1,71	9,02 m

Pressione del vento

$p = q_r C_e C_p C_d = 54 \text{ daN/mq}$

TEMPERATURA DELL'ARIA ESTERNA

Le temperature esterne, T max (massima estiva) e T min (minima invernale), sono calcolate secondo le seguenti espressioni riferite alla zona climatica:

T min = -15 - 4 as / 1000 (NTC 3.5.1)

T max = 42 - 6 as / 1000 (NTC 3.5.2)

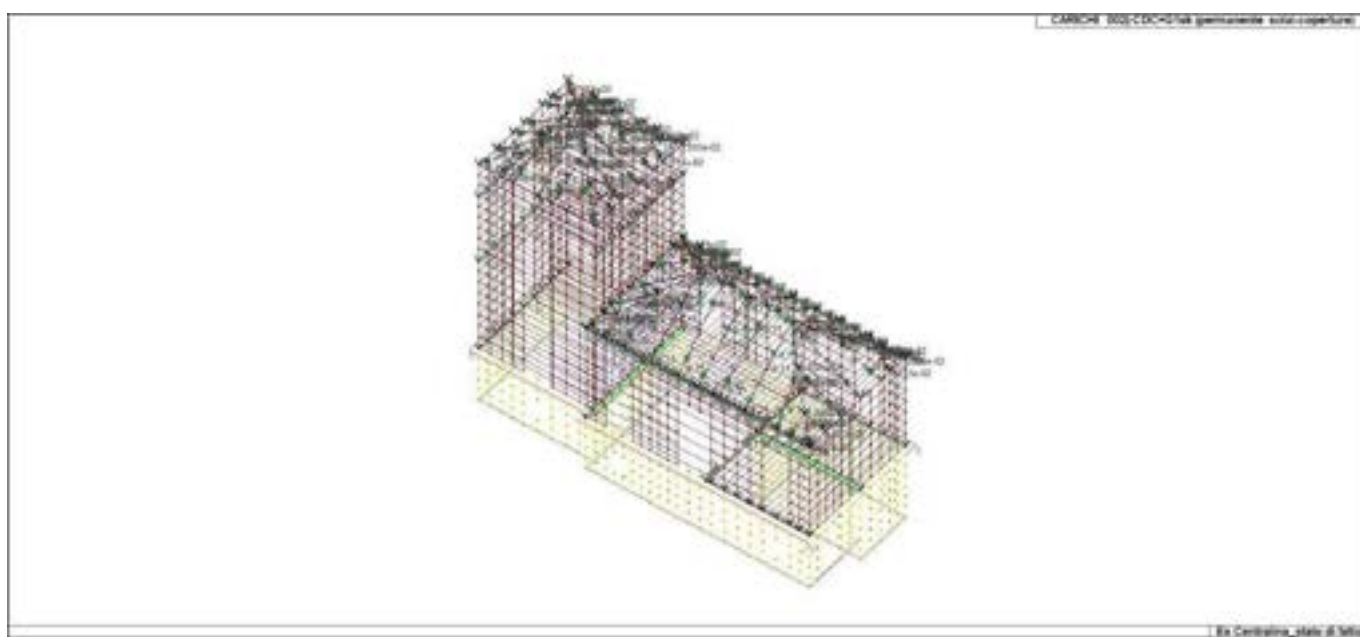
dove as è l'altitudine di riferimento

Zona	as	T min	T max
I	262 m	-16,05 °C	40,43 °C

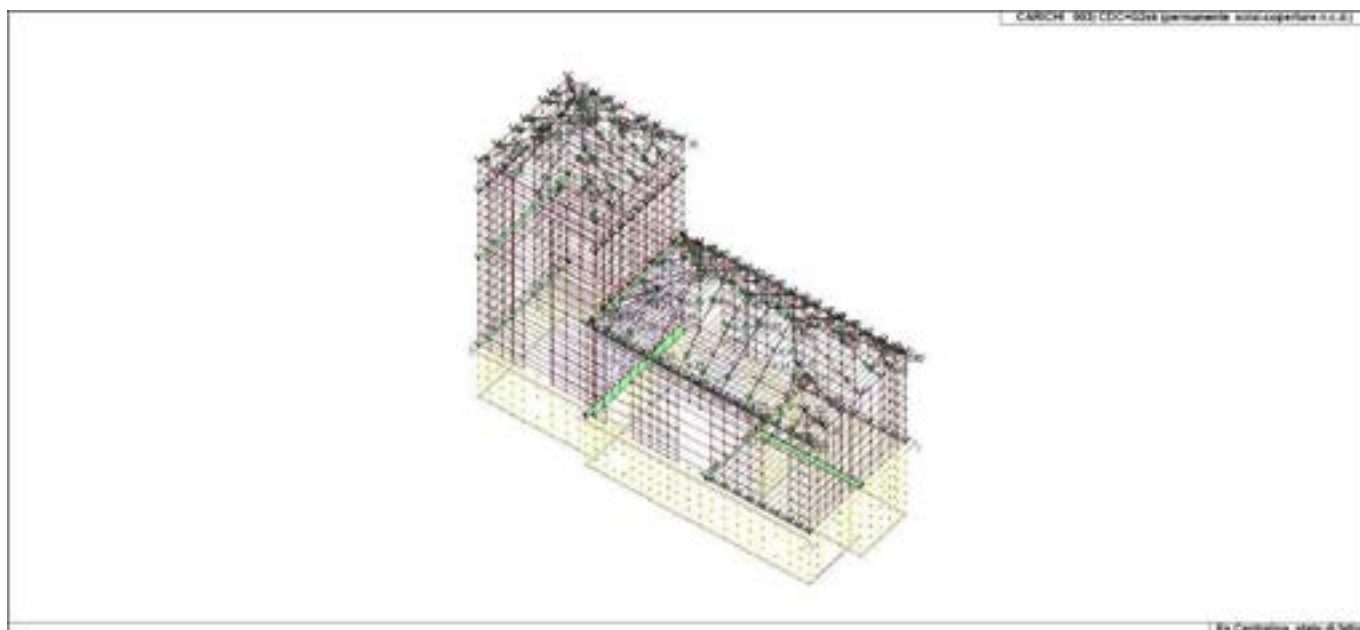
CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Qsk	CDC=Qsk (variabile solai)		
5	Qnk	CDC=Qnk (carico da neve)		
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)	
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	



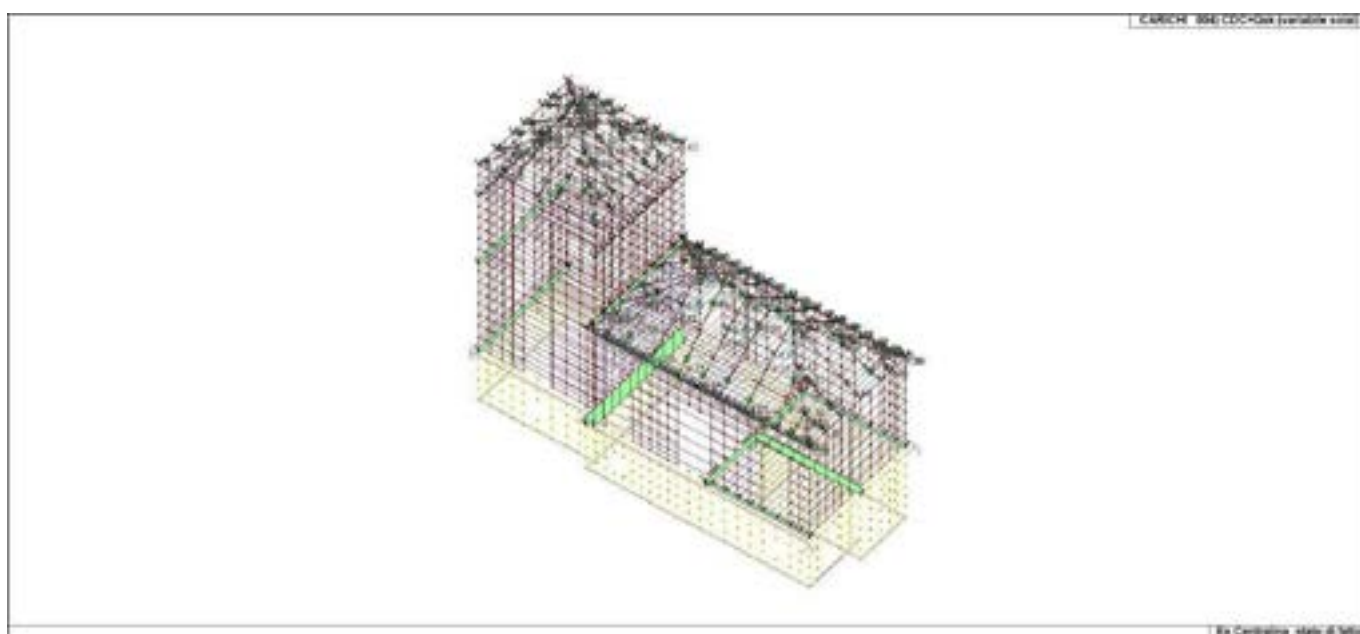
22_CDC_001_CDCGgk peso proprio della struttura



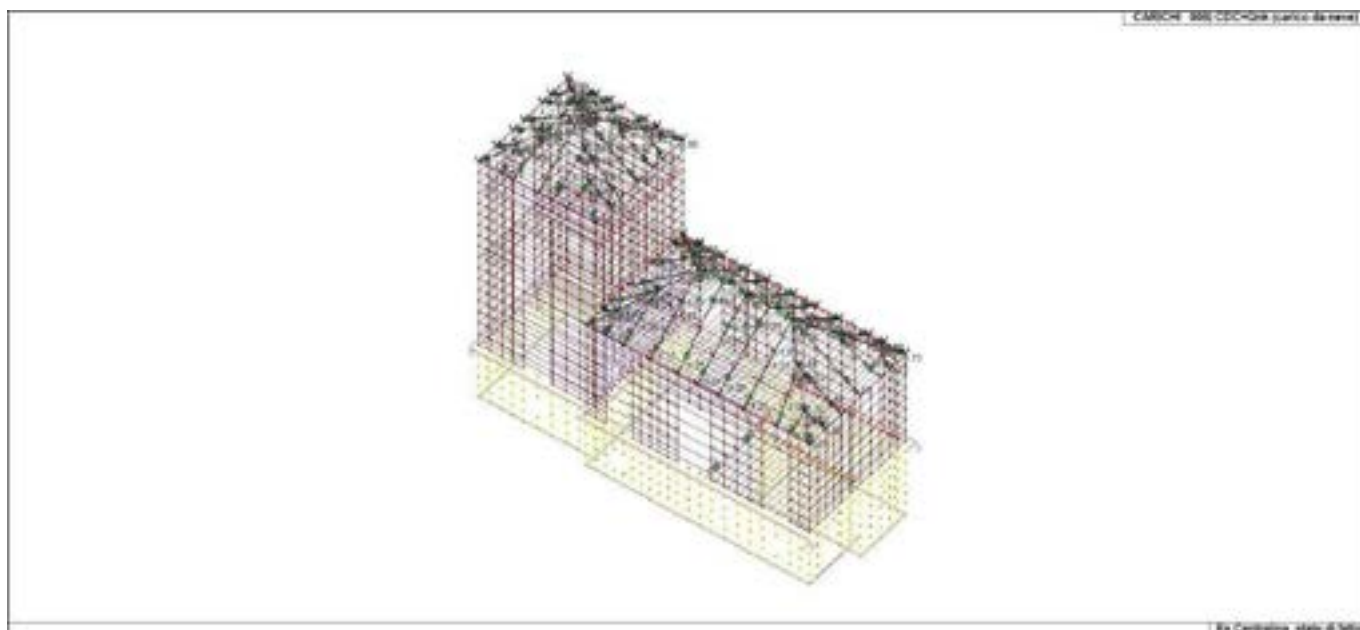
22_CDC_002_CDCG1sk permanente solai-coperture



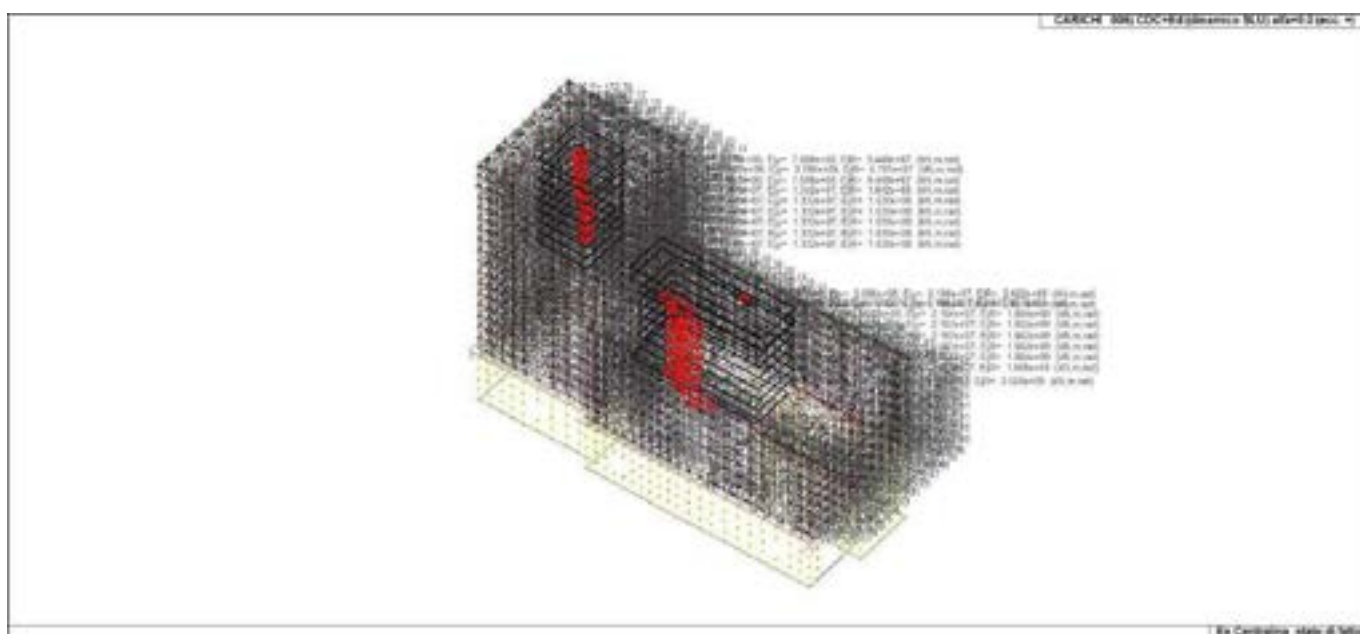
22_CDC_003_CDCG2sk permanente solai-coperture ncd



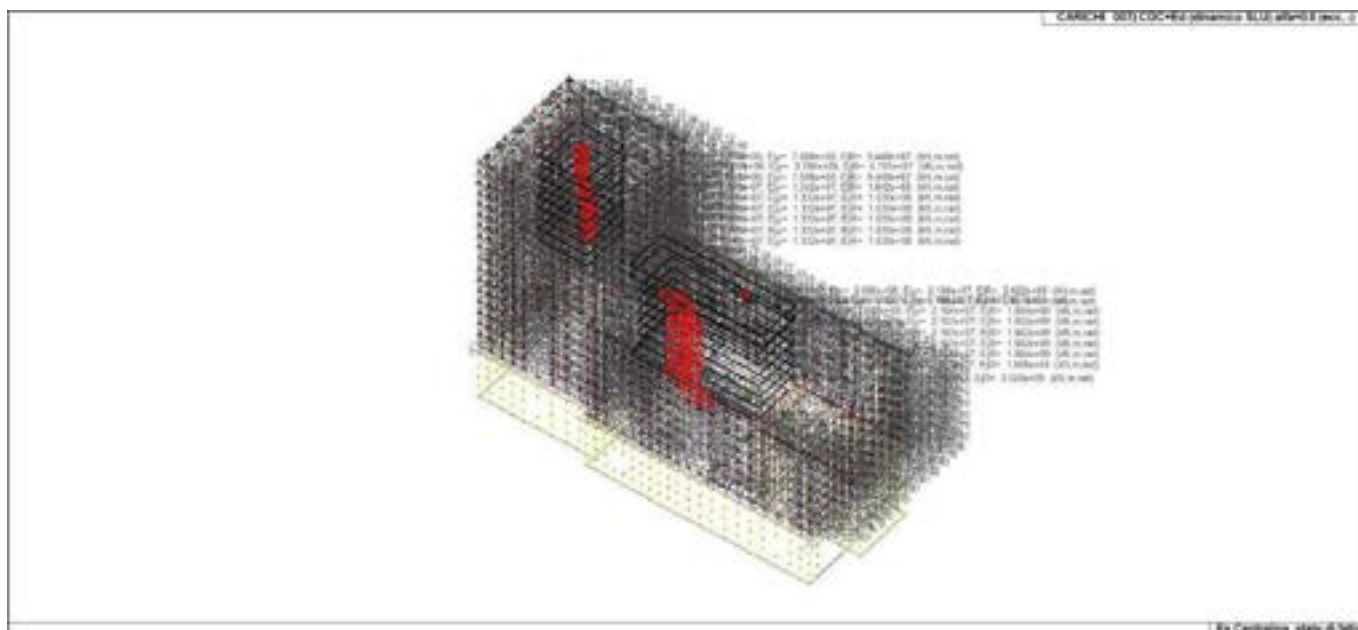
22_CDC_004_CDCQsk variabile solai



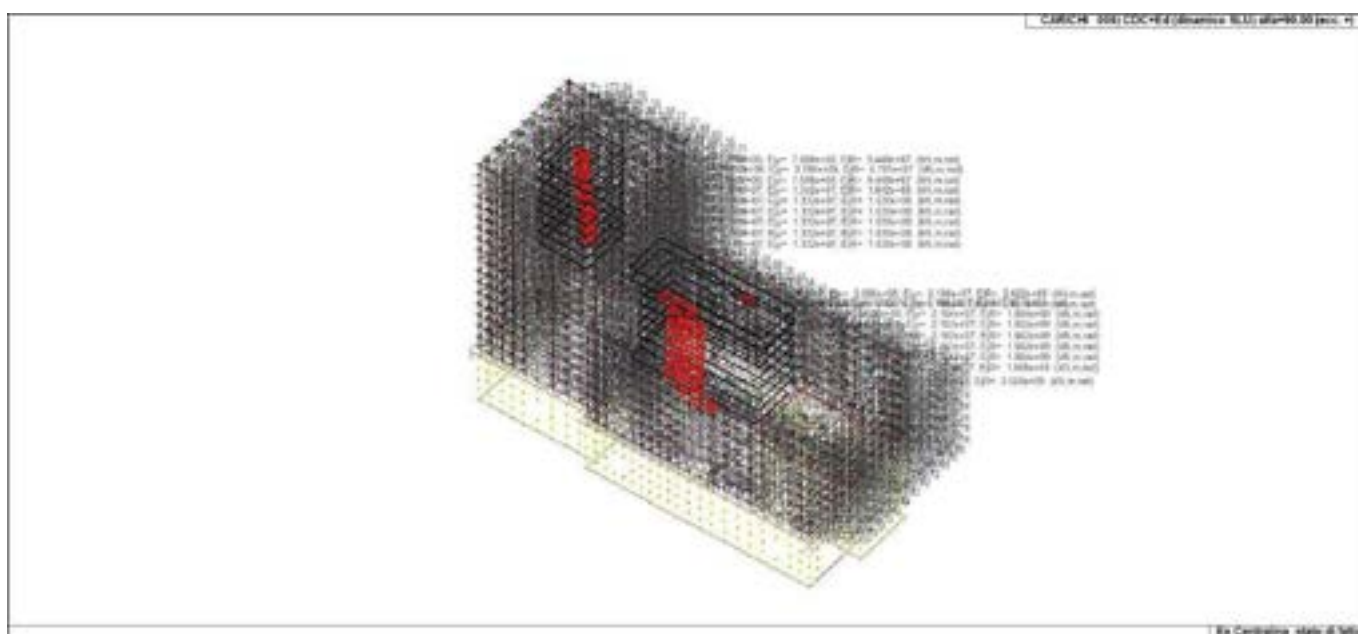
22_CDC_005_CDCQnk carico da neve



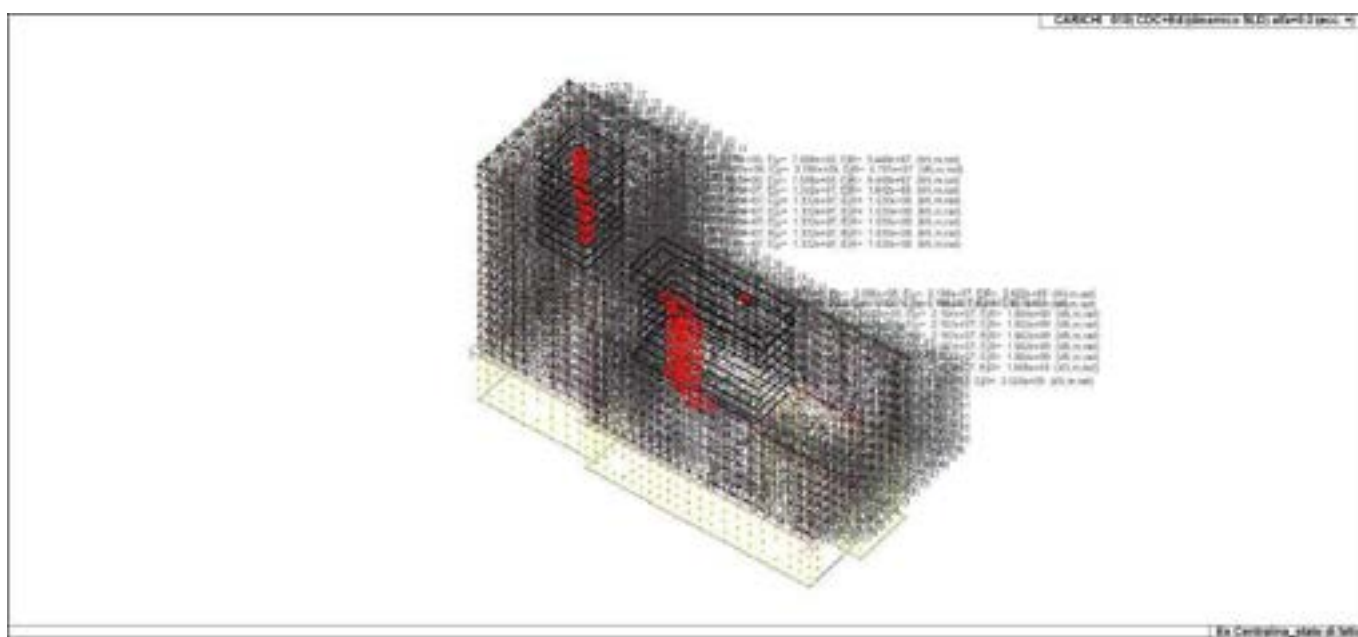
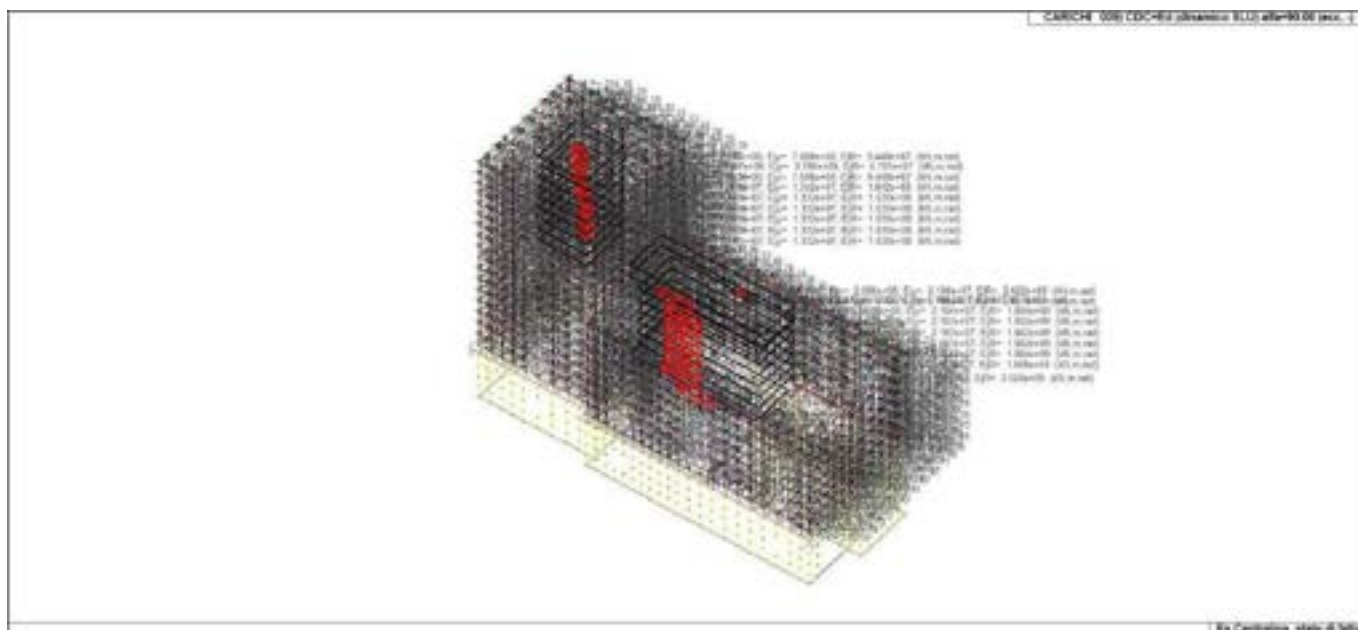
22_CDC_006_CDCEd dinamico SLU alfa00 ecc +

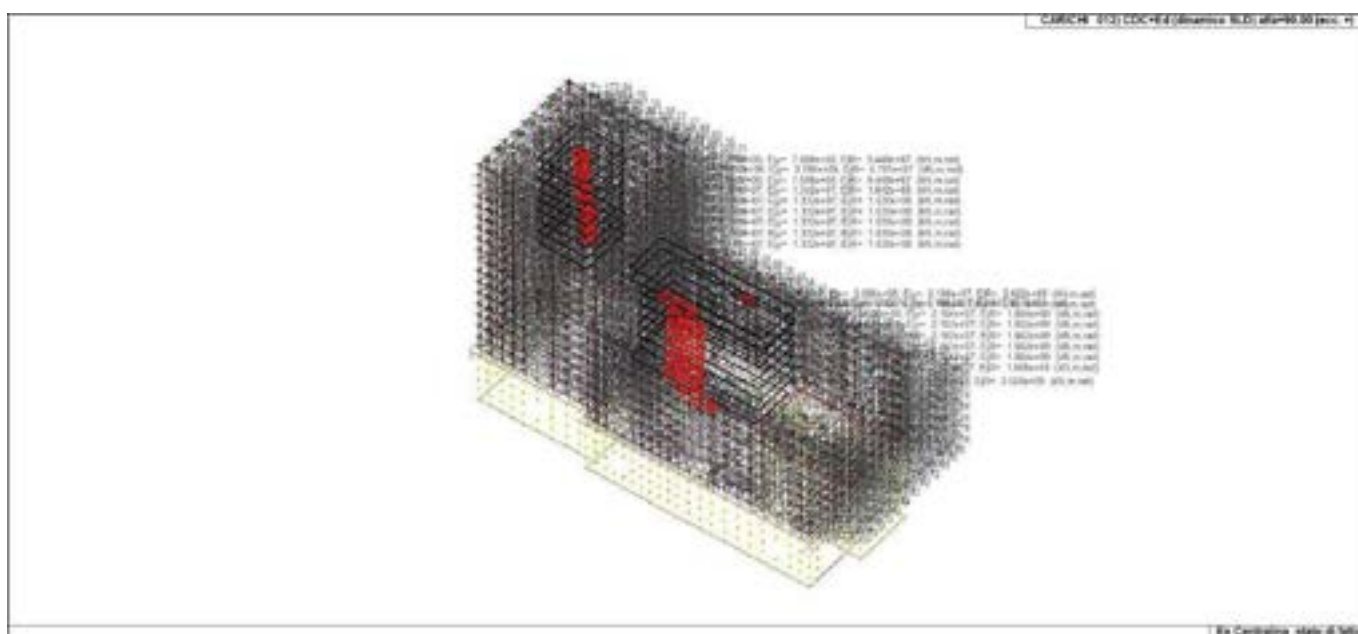
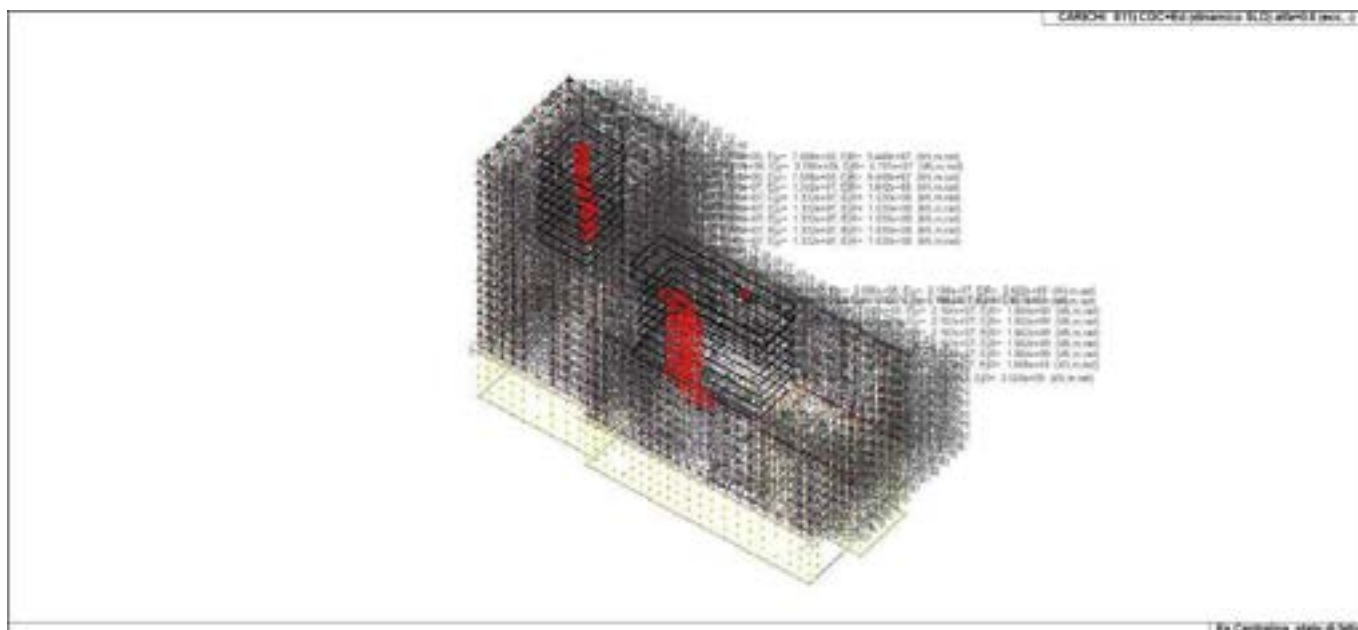


22_CDC_007_CDCEd dinamico SLU alfa00 ecc -



22_CDC_008_CDCEd dinamico SLU alfa9000 ecc +





DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini, ...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30\text{kN}$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30\text{kN}$)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

	Coefficiente	EQU	A1	A2

		γf			
<i>Carichi permanenti</i>	<i>Favorevoli</i>	$\gamma G1$	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali</i>	<i>Favorevoli</i>	$\gamma G2$	0,8	0,8	0,8
<i>(Non compiutamente definiti)</i>	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	γQi	0,0	0,0	0,0
	<i>Sfavorevoli</i>		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLU	Comb. SLU A1 (SLV sism.) 33	
34	SLU	Comb. SLU A1 (SLV sism.) 34	
35	SLU	Comb. SLU A1 (SLV sism.) 35	
36	SLU	Comb. SLU A1 (SLV sism.) 36	
37	SLU	Comb. SLU A1 (SLV sism.) 37	
38	SLU	Comb. SLU A1 (SLV sism.) 38	
39	SLU	Comb. SLU A1 (SLV sism.) 39	
40	SLU	Comb. SLU A1 (SLV sism.) 40	
41	SLU	Comb. SLU A1 (SLV sism.) 41	
42	SLU	Comb. SLU A1 (SLV sism.) 42	
43	SLU	Comb. SLU A1 (SLV sism.) 43	
44	SLU	Comb. SLU A1 (SLV sism.) 44	
45	SLU	Comb. SLU A1 (SLV sism.) 45	
46	SLU	Comb. SLU A1 (SLV sism.) 46	
47	SLE(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLE(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLE(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLE(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLE(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLE(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLE(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLE(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLE(sis)	Comb. SLE (SLD Danno sism.) 55	

Cmb	Tipo	Sigla Id	effetto P-delta
56	SLE(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLE(sis)	Comb. SLE (SLD Danno sism.) 57	
58	SLE(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLE(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLE(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLE(sis)	Comb. SLE (SLD Danno sism.) 65	
66	SLE(sis)	Comb. SLE (SLD Danno sism.) 66	
67	SLE(sis)	Comb. SLE (SLD Danno sism.) 67	
68	SLE(sis)	Comb. SLE (SLD Danno sism.) 68	
69	SLE(sis)	Comb. SLE (SLD Danno sism.) 69	
70	SLE(sis)	Comb. SLE (SLD Danno sism.) 70	
71	SLE(sis)	Comb. SLE (SLD Danno sism.) 71	
72	SLE(sis)	Comb. SLE (SLD Danno sism.) 72	
73	SLE(sis)	Comb. SLE (SLD Danno sism.) 73	
74	SLE(sis)	Comb. SLE (SLD Danno sism.) 74	
75	SLE(sis)	Comb. SLE (SLD Danno sism.) 75	
76	SLE(sis)	Comb. SLE (SLD Danno sism.) 76	
77	SLE(sis)	Comb. SLE (SLD Danno sism.) 77	
78	SLE(sis)	Comb. SLE (SLD Danno sism.) 78	
79	SLE(r)	Comb. SLE(rara) 79	
80	SLE(r)	Comb. SLE(rara) 80	
81	SLE(r)	Comb. SLE(rara) 81	
82	SLE(r)	Comb. SLE(rara) 82	
83	SLE(r)	Comb. SLE(rara) 83	
84	SLE(r)	Comb. SLE(rara) 84	
85	SLE(r)	Comb. SLE(rara) 85	
86	SLE(f)	Comb. SLE(freq.) 86	
87	SLE(f)	Comb. SLE(freq.) 87	
88	SLE(f)	Comb. SLE(freq.) 88	
89	SLE(f)	Comb. SLE(freq.) 89	
90	SLE(f)	Comb. SLE(freq.) 90	
91	SLE(p)	Comb. SLE(perm.) 91	
92	SLE(p)	Comb. SLE(perm.) 92	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	1.30	1.30	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	1.30	1.30	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	1.00	1.00	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	1.00	1.00	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	1.30	1.30	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	1.30	1.30	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	1.00	1.00	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	1.00	1.00	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	
16	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	
17	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	
18	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	
19	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	
20	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	
21	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	
22	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	
23	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	
24	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	
25	1.00	1.00	1.00	0.30	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	
26	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	
27	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	
28	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	
29	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	
30	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
31	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	
32	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	
33	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	
34	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	
35	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	
36	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	
37	1.00	1.00	1.00	0.30	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	
38	1.00	1.00	1.00	0.30	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	
39	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	
40	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	
41	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	
42	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	
43	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	
44	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	
45	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	
46	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	
47	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	
48	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	
49	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	
50	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	
51	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	
52	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	
53	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	
54	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	
55	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	
56	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	
57	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	
58	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	
59	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	
60	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	
61	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	
62	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	
63	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	
64	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	
65	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	
66	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	
67	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	
68	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	
69	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	
70	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	
71	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	
72	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	
73	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	
74	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	
75	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	
76	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	
77	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	
78	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	
79	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
81	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
82	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
83	1.00	1.00	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
84	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
85	1.00	1.00	1.00	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
86	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
87	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
88	1.00	1.00	1.00	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
89	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
90	1.00	1.00	1.00	0.30	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
91	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
92	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento V_r che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento V_r e la probabilità di superamento P_{ver} associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno T_r e i relativi parametri di pericolosità sismica (vedi tabella successiva):

a_g : accelerazione orizzontale massima del terreno;

F_o : valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T^*c : periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:

S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente $S = S_s \cdot S_t$ (3.2.3)

F_o è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale

F_v è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno a_g su sito di riferimento rigido orizzontale

T_b è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.

T_c è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.

T_d è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Lo spettro di risposta elastico in accelerazione della componente orizzontale del moto sismico, S_e , è definito dalle seguenti espressioni:

$$\begin{array}{ll} 0 \leq T < T_b & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_b} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_b} \right) \right] \\ T_b \leq T < T_c & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\ T_c \leq T < T_d & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c}{T} \right) \\ T_d \leq T & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c \cdot T_d}{T^2} \right) \end{array}$$

Dove per sottosuolo di categoria **A** i coefficienti S_s e C_c valgono 1; mentre per le categorie di sottosuolo B, C, D, E i coefficienti S_s e C_c vengono calcolati mediante le espressioni riportate nella seguente Tabella

Categoria sottosuolo	S_s	C_c
A	1,00	1,00
B	$1,00 \leq 1,40 - 0,40 \cdot F_a \cdot \frac{a_g}{g} \leq 1,20$	$1,10 \cdot (T_c^*)^{-0,30}$
C	$1,00 \leq 1,70 - 0,60 \cdot F_a \cdot \frac{a_g}{g} \leq 1,50$	$1,05 \cdot (T_c^*)^{-0,35}$
D	$0,90 \leq 2,40 - 1,50 \cdot F_a \cdot \frac{a_g}{g} \leq 1,80$	$1,25 \cdot (T_c^*)^{-0,50}$
E	$1,00 \leq 2,00 - 1,10 \cdot F_a \cdot \frac{a_g}{g} \leq 1,60$	$1,15 \cdot (T_c^*)^{-0,40}$

Per tenere conto delle condizioni topografiche e in assenza di specifiche analisi di risposta sismica locale, si utilizzano i valori del coefficiente topografico S_T riportati nella seguente Tabella

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30°	1,2
T4	In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30°	1,4

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico, S_{ve} , è definito dalle espressioni:

$$\begin{aligned}
 0 \leq T < T_B & \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_c \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_a} \left(1 - \frac{T}{T_B} \right) \right] \\
 T_B \leq T < T_C & \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_c \\
 T_C \leq T < T_D & \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_c \cdot \left(\frac{T_C}{T} \right) \\
 T_D \leq T & \quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_c \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)
 \end{aligned}$$

I valori di S_s , T_B , T_C e T_D , sono riportati nella seguente Tabella

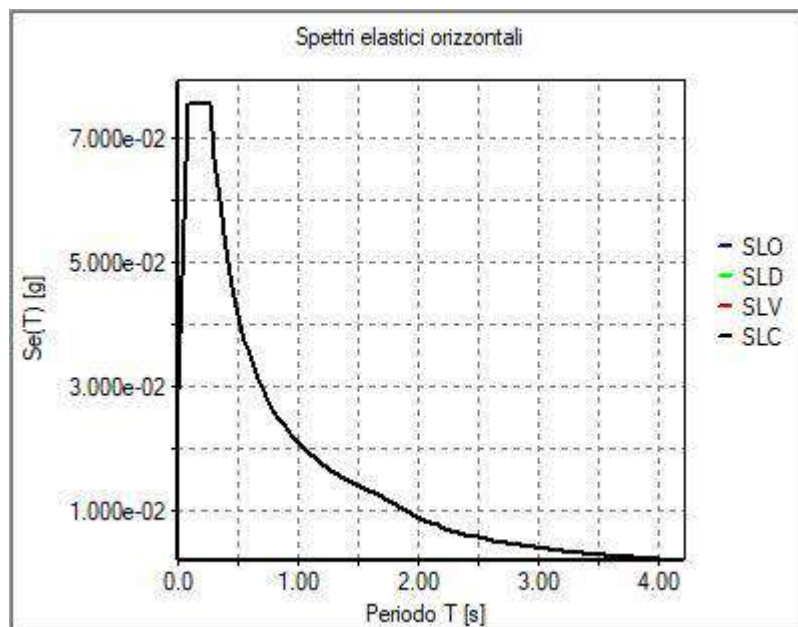
Categoria di sottosuolo	S_s	T_B	T_C	T_D
A, B, C, D, E	1,0	0,05 s	0,15 s	1,0 s

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	7.605	45.144	
13347	7.538	45.138	5.437
13348	7.609	45.141	0.523
13126	7.604	45.191	5.087
13125	7.533	45.187	7.400

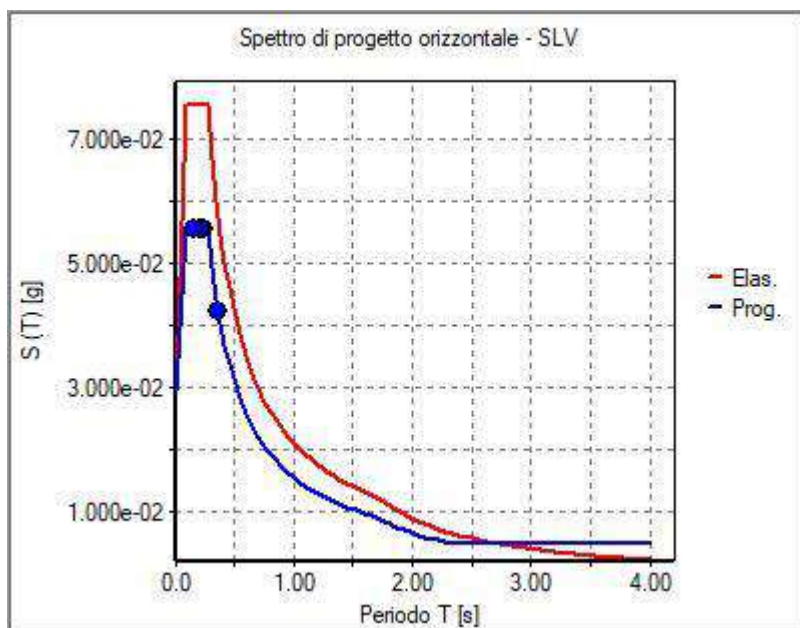
SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	91.8	30.0	0.025	2.556	0.180
SLD	91.8	30.0	0.025	2.556	0.180
SLV	91.8	30.0	0.025	2.556	0.180
SLC	91.8	30.0	0.025	2.556	0.180

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.025	1.200	2.556	0.541	0.093	0.279	1.698
SLD	0.025	1.200	2.556	0.541	0.093	0.279	1.698
SLV	0.025	1.200	2.556	0.541	0.093	0.279	1.698
SLC	0.025	1.200	2.556	0.541	0.093	0.279	1.698

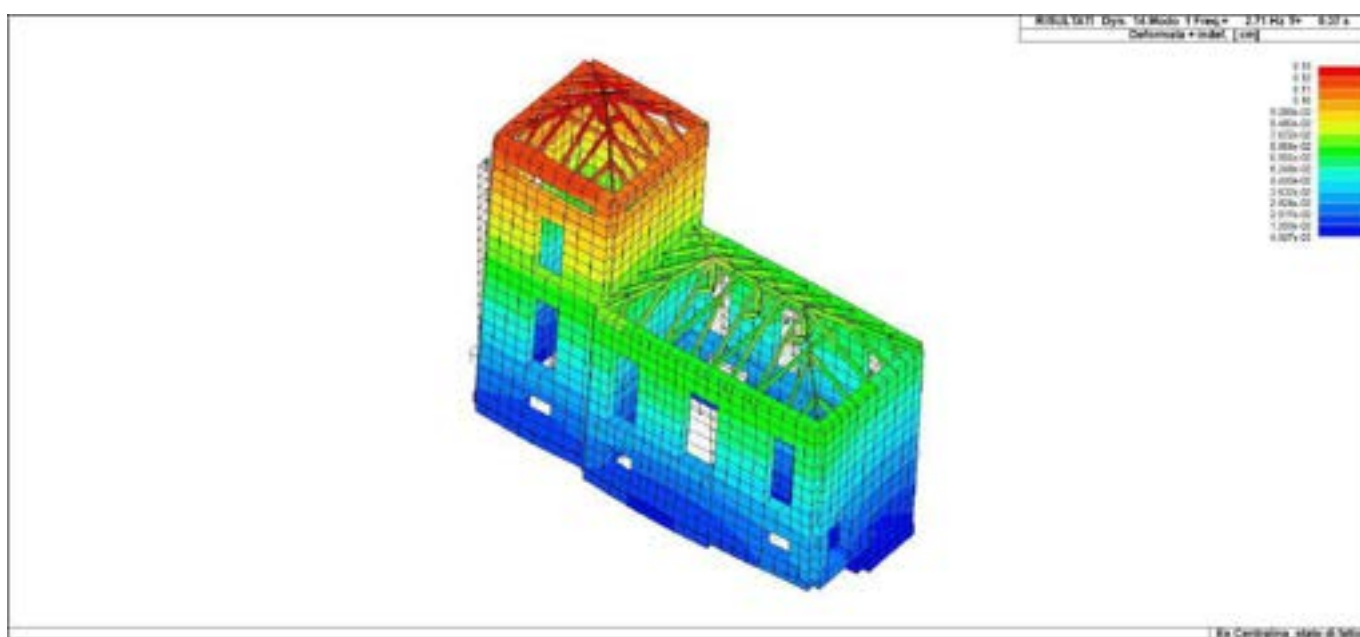
Modo	Frequenza	Periodo	X M efficace x g	%	Y M efficace x g	%	Z M efficace x g	%	RZ M efficace x g	%
	1/sec	sec	daN		daN		daN		daN cm2	
1	2.71	0.37	659.8	0	2.023e+05	82	7.7	0	7.504e+05	10
2	4.00	0.25	1.906e+05	78	897.7	0	8.8	0	1.351e+05	1
3	4.25	0.24	1.130e+04	4	38.6	0	0.3	0	6173.4	0
4	4.60	0.22	1.3	0	538.8	0	12.0	0	4.861e+05	6
5	4.65	0.22	771.3	0	6280.0	2	137.9	0	5.382e+06	71
6	6.42	0.16	4.48e-03	0	0.6	0	8.75e-04	0	90.7	0



24_DIA_SPETTRI_ELASTICI_O



24_DIA_SPETTRI_PROGETTO_SLV_O



24_INPSIS_001_FORME MODALI







24_INPSIS_006_FORME MODALI

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente

10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione q/q_{ND} delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
Fattore di sito S		Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD		Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore di riduz. SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	proprio	Periodo proprio di vibrazione della struttura
Coefficiente Lambda		Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	spettro	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
N° di modi considerati	modi	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore q_{ND} ricavato come da 7.3.2 in funzione del fattore di comportamento q utilizzato per la struttura: $1 < q_{ND} = 2/3 \cdot q < 1.5$

Il coefficiente di amplificazione delle azioni sismiche rispetto alle azioni calcolate con il fattore di comportamento globale viene indicato nelle relative tabelle.

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

- a) analisi sismica statica equivalente:
 - quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - azione sismica complessiva
- b) analisi sismica dinamica con spettro di risposta:
 - quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
 - massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione ϵ_{dT} (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità $1000 \cdot \epsilon_{dT}/h$ da confrontare direttamente con i valori forniti nella norma (es. 5 per tamponature fragili, 7.5 per tamponature duttili, 10.0 per edifici con tamponamenti collegati elasticamente, 2 per edifici in muratura ordinaria, 3 per edifici in muratura armata, 2.5 per edifici in muratura confinata).

Note:

- I valori riportati sono già amplificati per un eventuale fattore q_{SLD}
- Per SLO i valori devono essere inferiori ai $2/3$ dei limiti sopra citati

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE , area ridotta e dimensione A_2 , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

In particolare la tabella, per ogni combinazione di calcolo, riporta:

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta A_r (per dispositivi circolari)
V	Azione verticale agente
A_r	Area ridotta efficace
Dim A_2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
$\Gamma_{m,c(a,s,t)}$	Deformazioni di taglio dell' elastomero
V_{cr}	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

- 1) $V > 0$
- 2) $\text{Sig } s < f_{yk}$
- 3) $\Gamma_{m,t} < 5$
- 4) $\Gamma_{m,s} < \Gamma_{m,*}$ (caratteristica dell' elastomero)
- 5) $\Gamma_{m,s} < 2$
- 6) $V < 0.5 V_{cr}$

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

Caratteristiche costruzione	
Tipologia	Esistente
Regolarità pianta	SI
Regolarità altezza	NO
Classe di duttilità	progettazione con metodo con fattore q
Sistema costruttivo	Muratura
Tipo di muratura	Muratura in blocchi artificiali con percentuale di foratura > 15% (elementi semipieni, forati...)

I valori dei fattori nelle direzioni x e y sono stati impostati manualmente dal progettista.

Fattori di comportamento		
	Dissipativi	Verifiche fragili
q SLU x	1.356	1.500
q SLU y	1.356	1.500
q SLU z	1.500	

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.056 g
			angolo di ingresso: 0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.250 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.397
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	0.0	-7.98	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	0.0	-15.97	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	0.0	-10.00	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	-10.16	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	-10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	-20.31	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	-20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	-27.75	2.091e+04	1.077e+04	0.509	0.045	0.431

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
9.50	4.946e+04	2.094e+04	1.063e+04	0.0	-27.75	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.707	0.369	0.042	762.76	0.3	2.021e+05	82.9	7.60	3.12e-03	0.0	0.0
2	3.993	0.250	0.056	1.898e+05	77.8	1703.92	0.7	19.70	8.08e-03	0.0	0.0
3	4.233	0.236	0.056	1.169e+04	4.8	105.38	4.32e-02	1.25	5.14e-04	0.0	0.0
4	4.630	0.216	0.056	151.63	6.22e-02	2849.80	1.2	60.49	2.48e-02	0.0	0.0
5	4.659	0.215	0.056	811.47	0.3	3202.02	1.3	69.52	2.85e-02	0.0	0.0
6	6.364	0.157	0.056	2.00	8.20e-04	0.58	2.39e-04	0.07	2.91e-05	0.0	0.0
7	6.464	0.155	0.056	3.26	1.34e-03	1.93	7.93e-04	9.48e-05	0.0	0.0	0.0
8	8.513	0.117	0.056	175.84	7.21e-02	0.29	1.19e-04	18.71	7.67e-03	0.0	0.0
9	8.723	0.115	0.056	199.57	8.19e-02	0.07	2.92e-05	1.25	5.13e-04	0.0	0.0
Risulta				2.036e+05		2.099e+05		178.60			
In percentuale				83.50		86.11		0.07			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.056 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.252 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.395
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	0.0	7.98	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	0.0	15.97	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	0.0	10.00	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	10.16	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	20.31	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	0.0	27.75	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.708	0.369	0.042	570.17	0.2	2.025e+05	83.0	7.84	3.21e-03	0.0	0.0
2	3.973	0.252	0.056	1.730e+05	71.0	342.60	0.1	2.10	8.61e-04	0.0	0.0
3	4.140	0.242	0.056	2.357e+04	9.7	22.15	9.09e-03	0.05	2.12e-05	0.0	0.0
4	4.671	0.214	0.056	5502.88	2.3	6954.59	2.9	157.62	6.46e-02	0.0	0.0
5	4.752	0.210	0.056	833.66	0.3	383.87	0.2	8.25	3.38e-03	0.0	0.0
6	6.393	0.156	0.056	1.78	7.29e-04	0.30	1.25e-04	0.04	1.72e-05	0.0	0.0
7	6.539	0.153	0.056	0.44	1.79e-04	1.44	5.89e-04	0.02	7.42e-06	0.0	0.0
8	8.469	0.118	0.056	104.60	4.29e-02	2.97	1.22e-03	21.74	8.92e-03	0.0	0.0
9	8.620	0.116	0.056	69.43	2.85e-02	1.72	7.05e-04	3.04	1.25e-03	0.0	0.0
Risulta				2.037e+05		2.102e+05		200.69			
In percentuale				83.53		86.20		0.08			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.056 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.369 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.356
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	20.18	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
332.38	1.567e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	73.30	0.0	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.711	0.369	0.042	671.97	0.3	2.052e+05	84.2	10.87	4.46e-03	0.0	0.0
2	3.999	0.250	0.056	1.908e+05	78.2	1007.58	0.4	9.77	4.01e-03	0.0	0.0
3	4.252	0.235	0.056	1.139e+04	4.7	45.00	1.85e-02	0.37	1.53e-04	0.0	0.0
4	4.520	0.221	0.056	420.04	0.2	4782.51	2.0	122.62	5.03e-02	0.0	0.0
5	4.604	0.217	0.056	106.23	4.36e-02	133.56	5.48e-02	3.18	1.31e-03	0.0	0.0
6	6.420	0.156	0.056	2.26e-03	0.0	0.48	1.96e-04	1.97e-03	0.0	0.0	0.0
7	6.544	0.153	0.056	0.32	1.33e-04	1.74	7.15e-04	1.94e-03	0.0	0.0	0.0
8	8.396	0.119	0.056	87.86	3.60e-02	0.50	2.06e-04	20.17	8.27e-03	0.0	0.0
9	8.575	0.117	0.056	71.65	2.94e-02	0.26	1.07e-04	1.82	7.47e-04	0.0	0.0
Risulta				2.035e+05		2.112e+05		168.81			
In percentuale				83.47		86.61		0.07			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.056 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.371 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.356
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	-7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	-8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	-15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	-20.18	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
492.58	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	-73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	-73.30	0.0	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.693	0.371	0.042	624.44	0.3	1.998e+05	82.0	5.18	2.12e-03	0.0	0.0
2	3.998	0.250	0.056	1.907e+05	78.2	803.17	0.3	8.28	3.40e-03	0.0	0.0
3	4.252	0.235	0.056	1.124e+04	4.6	35.23	1.44e-02	0.30	1.25e-04	0.0	0.0
4	4.601	0.217	0.056	25.57	1.05e-02	27.71	1.14e-02	0.59	2.43e-04	0.0	0.0
5	4.829	0.207	0.056	840.65	0.3	8378.61	3.4	179.17	7.35e-02	0.0	0.0
6	6.421	0.156	0.056	9.71e-03	3.98e-06	0.74	3.03e-04	1.93e-06	0.0	0.0	0.0
7	6.544	0.153	0.056	0.41	1.69e-04	2.36	9.70e-04	0.01	5.50e-06	0.0	0.0
8	8.395	0.119	0.056	91.00	3.73e-02	2.13	8.75e-04	20.03	8.22e-03	0.0	0.0
9	8.575	0.117	0.056	75.44	3.09e-02	1.10	4.51e-04	3.07	1.26e-03	0.0	0.0
Risulta				2.036e+05		2.091e+05		216.64			
In percentuale				83.49		85.75		0.09			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.250 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	0.0	-7.98	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	0.0	-15.97	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	0.0	-10.00	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	-10.16	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	-10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	-20.31	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	-20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
440.00	3.376e+04	2.086e+04	1.063e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	-27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	0.0	-27.75	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.707	0.369	0.057	762.76	0.3	2.021e+05	82.9	7.60	3.12e-03	0.0	0.0
2	3.993	0.250	0.075	1.898e+05	77.8	1703.92	0.7	19.70	8.08e-03	0.0	0.0
3	4.233	0.236	0.075	1.169e+04	4.8	105.38	4.32e-02	1.25	5.14e-04	0.0	0.0
4	4.630	0.216	0.075	151.63	6.22e-02	2849.80	1.2	60.49	2.48e-02	0.0	0.0
5	4.659	0.215	0.075	811.47	0.3	3202.02	1.3	69.52	2.85e-02	0.0	0.0
6	6.364	0.157	0.075	2.00	8.20e-04	0.58	2.39e-04	0.07	2.91e-05	0.0	0.0
7	6.464	0.155	0.075	3.26	1.34e-03	1.93	7.93e-04	9.48e-05	0.0	0.0	0.0
8	8.513	0.117	0.075	175.84	7.21e-02	0.29	1.19e-04	18.71	7.67e-03	0.0	0.0
9	8.723	0.115	0.075	199.57	8.19e-02	0.07	2.92e-05	1.25	5.13e-04	0.0	0.0
Risulta				2.036e+05		2.099e+05		178.60			
In percentuale				83.50		86.11		0.07			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.252 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	0.0	7.98	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	0.0	15.97	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	0.0	10.00	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	10.16	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	20.31	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.058	0.424

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	0.0	27.75	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.708	0.369	0.057	570.17	0.2	2.025e+05	83.0	7.84	3.21e-03	0.0	0.0
2	3.973	0.252	0.075	1.730e+05	71.0	342.60	0.1	2.10	8.61e-04	0.0	0.0
3	4.140	0.242	0.075	2.357e+04	9.7	22.15	9.09e-03	0.05	2.12e-05	0.0	0.0
4	4.671	0.214	0.075	5502.88	2.3	6954.59	2.9	157.62	6.46e-02	0.0	0.0
5	4.752	0.210	0.075	833.66	0.3	383.87	0.2	8.25	3.38e-03	0.0	0.0
6	6.393	0.156	0.075	1.78	7.29e-04	0.30	1.25e-04	0.04	1.72e-05	0.0	0.0
7	6.539	0.153	0.075	0.44	1.79e-04	1.44	5.89e-04	0.02	7.42e-06	0.0	0.0
8	8.469	0.118	0.075	104.60	4.29e-02	2.97	1.22e-03	21.74	8.92e-03	0.0	0.0
9	8.620	0.116	0.075	69.43	2.85e-02	1.72	7.05e-04	3.04	1.25e-03	0.0	0.0
Risulta				2.037e+05		2.102e+05		200.69			
In percentuale				83.53		86.20		0.08			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.369 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	20.18	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
332.38	1.567e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	73.30	0.0	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.711	0.369	0.057	671.97	0.3	2.052e+05	84.2	10.87	4.46e-03	0.0	0.0
2	3.999	0.250	0.075	1.908e+05	78.2	1007.58	0.4	9.77	4.01e-03	0.0	0.0
3	4.252	0.235	0.075	1.139e+04	4.7	45.00	1.85e-02	0.37	1.53e-04	0.0	0.0
4	4.520	0.221	0.075	420.04	0.2	4782.51	2.0	122.62	5.03e-02	0.0	0.0
5	4.604	0.217	0.075	106.23	4.36e-02	133.56	5.48e-02	3.18	1.31e-03	0.0	0.0
6	6.420	0.156	0.075	2.26e-03	0.0	0.48	1.96e-04	1.97e-03	0.0	0.0	0.0
7	6.544	0.153	0.075	0.32	1.33e-04	1.74	7.15e-04	1.94e-03	0.0	0.0	0.0
8	8.396	0.119	0.075	87.86	3.60e-02	0.50	2.06e-04	20.17	8.27e-03	0.0	0.0
9	8.575	0.117	0.075	71.65	2.94e-02	0.26	1.07e-04	1.82	7.47e-04	0.0	0.0
Risulta				2.035e+05		2.112e+05		168.81			
In percentuale				83.47		86.61		0.07			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.371 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	179.77	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	446.88	2.044e+04	1.064e+04	-7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	146.07	2.044e+04	1.064e+04	-8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	290.10	2.044e+04	1.064e+04	-15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	11.42	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7423.63	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	3.2308e-04	4.7818e-05
855.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	860.66	2.116e+04	1.062e+04	-20.18	0.0	2.116e+04	1.062e+04	0.222	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	638.40	2.117e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	297.73	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	305.08	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	36.70	2.116e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	142.67	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	143.91	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.376e+04	2.086e+04	1.063e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.058	0.424
386.19	1.756e+04	2.090e+04	1.062e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
278.56	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	-73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.946e+04	2.094e+04	1.063e+04	-73.30	0.0	2.090e+04	1.076e+04	0.470	0.040	0.392
Risulta	2.438e+05									

Modo	Frequenza	Periodo	Acc. Spetttrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	2.693	0.371	0.057	624.44	0.3	1.998e+05	82.0	5.18	2.12e-03	0.0	0.0
2	3.998	0.250	0.075	1.907e+05	78.2	803.17	0.3	8.28	3.40e-03	0.0	0.0
3	4.252	0.235	0.075	1.124e+04	4.6	35.23	1.44e-02	0.30	1.25e-04	0.0	0.0
4	4.601	0.217	0.075	25.57	1.05e-02	27.71	1.14e-02	0.59	2.43e-04	0.0	0.0
5	4.829	0.207	0.075	840.65	0.3	8378.61	3.4	179.17	7.35e-02	0.0	0.0
6	6.421	0.156	0.075	9.71e-03	3.98e-06	0.74	3.03e-04	1.93e-06	0.0	0.0	0.0
7	6.544	0.153	0.075	0.41	1.69e-04	2.36	9.70e-04	0.01	5.50e-06	0.0	0.0
8	8.395	0.119	0.075	91.00	3.73e-02	2.13	8.75e-04	20.03	8.22e-03	0.0	0.0
9	8.575	0.117	0.075	75.44	3.09e-02	1.10	4.51e-04	3.07	1.26e-03	0.0	0.0
Risulta				2.036e+05		2.091e+05		216.64			
In percentuale				83.49		85.75		0.09			

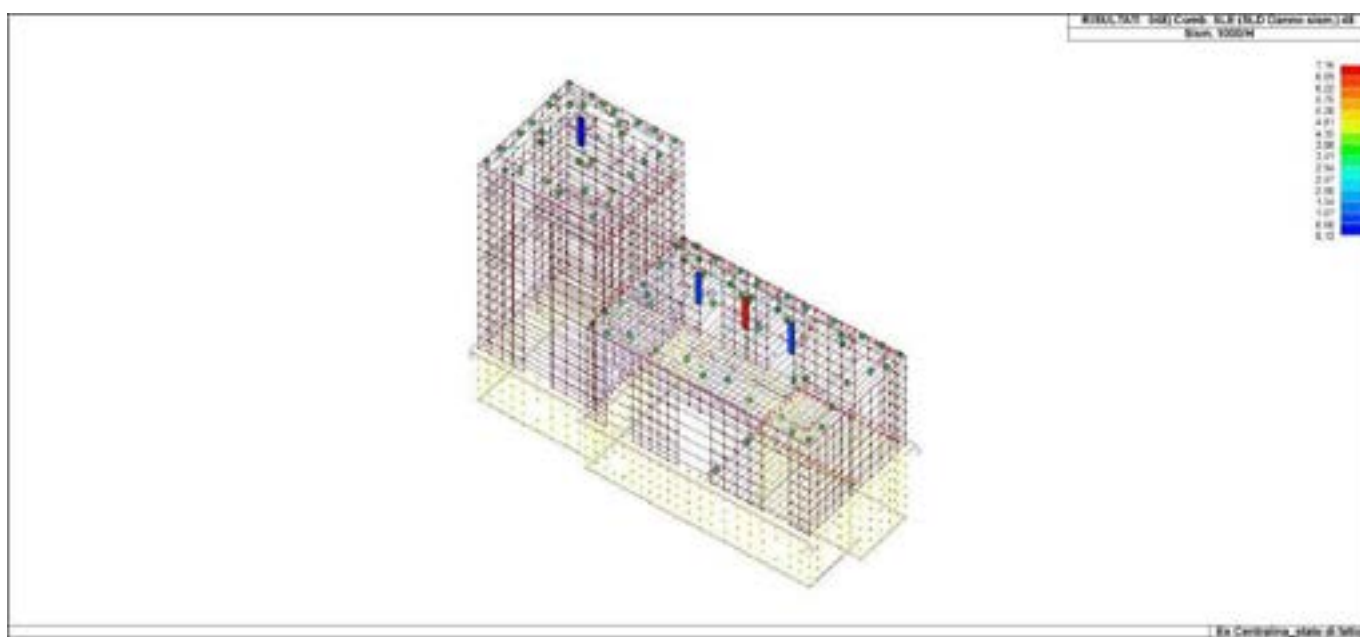
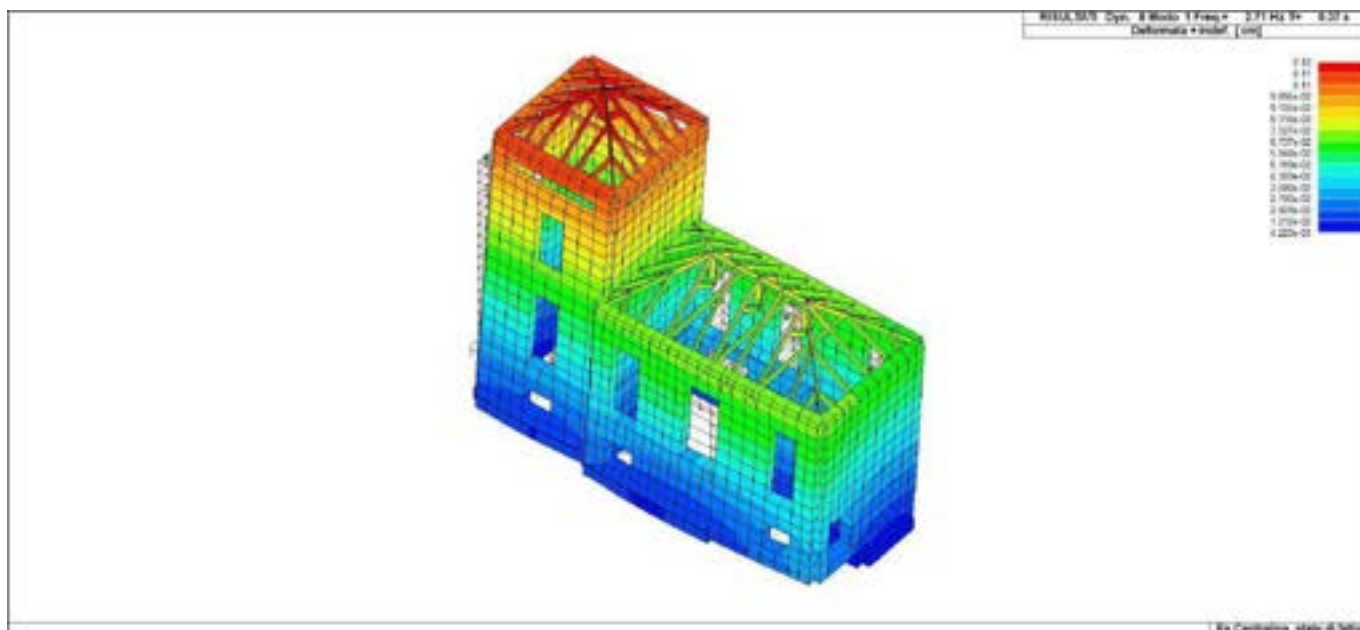
Cmb	Pilas. 1000 etaT/h		etaT cm	inter. h cm	Pilas. 1000 etaT/h		etaT cm	inter. h cm	Pilas. 1000 etaT/h		etaT cm	inter. h cm
47	115	6.86	1.03	150.0	116	0.88	0.13	150.0	117	0.73	0.11	150.0
	245	0.13	0.02	140.0								
48	115	7.15	1.07	150.0	116	0.89	0.13	150.0	117	0.77	0.12	150.0
	245	0.13	0.02	140.0								
49	115	7.06	1.06	150.0	116	0.56	0.08	150.0	117	0.88	0.13	150.0
	245	0.08	0.01	140.0								
50	115	6.77	1.02	150.0	116	0.46	0.07	150.0	117	0.92	0.14	150.0
	245	0.10	0.01	140.0								
51	115	6.88	1.03	150.0	116	0.88	0.13	150.0	117	0.73	0.11	150.0
	245	0.13	0.02	140.0								
52	115	7.14	1.07	150.0	116	0.89	0.13	150.0	117	0.77	0.12	150.0
	245	0.13	0.02	140.0								
53	115	7.04	1.06	150.0	116	0.56	0.08	150.0	117	0.89	0.13	150.0
	245	0.08	0.01	140.0								
54	115	6.78	1.02	150.0	116	0.46	0.07	150.0	117	0.92	0.14	150.0
	245	0.10	0.01	140.0								
55	115	6.57	0.99	150.0	116	0.87	0.13	150.0	117	0.76	0.11	150.0
	245	0.12	0.02	140.0								
56	115	6.86	1.03	150.0	116	0.88	0.13	150.0	117	0.80	0.12	150.0
	245	0.12	0.02	140.0								
57	115	6.76	1.01	150.0	116	0.52	0.08	150.0	117	0.86	0.13	150.0
	245	0.11	0.01	140.0								
58	115	6.47	0.97	150.0	116	0.42	0.06	150.0	117	0.90	0.13	150.0
	245	0.13	0.02	140.0								
59	115	6.59	0.99	150.0	116	0.87	0.13	150.0	117	0.76	0.11	150.0
	245	0.13	0.02	140.0								
60	115	6.85	1.03	150.0	116	0.88	0.13	150.0	117	0.80	0.12	150.0
	245	0.12	0.02	140.0								
61	115	6.74	1.01	150.0	116	0.52	0.08	150.0	117	0.86	0.13	150.0
	245	0.11	0.01	140.0								
62	115	6.49	0.97	150.0	116	0.42	0.06	150.0	117	0.89	0.13	150.0
	245	0.13	0.02	140.0								
63	115	1.65	0.25	150.0	116	0.81	0.12	150.0	117	0.29	0.04	150.0
	245	0.10	0.01	140.0								
64	115	2.64	0.40	150.0	116	0.85	0.13	150.0	117	0.51	0.08	150.0
	245	0.13	0.02	140.0								
65	115	2.53	0.38	150.0	116	0.39	0.06	150.0	117	0.79	0.12	150.0
	245	0.08	0.01	140.0								
66	115	1.51	0.23	150.0	116	0.79	0.12	150.0	117	0.86	0.13	150.0
	245	0.12	0.02	140.0								
67	115	1.57	0.23	150.0	116	0.80	0.12	150.0	117	0.28	0.04	150.0
	245	0.10	0.01	140.0								

68	115	2.55	0.38	150.0	116	0.85	0.13	150.0	117	0.52	0.08	150.0
	245	0.12	0.02	140.0								
69	115	2.44	0.37	150.0	116	0.40	0.06	150.0	117	0.79	0.12	150.0
	245	0.08	0.01	140.0								
70	115	1.41	0.21	150.0	116	0.79	0.12	150.0	117	0.85	0.13	150.0
	245	0.13	0.02	140.0								
71	115	1.71	0.26	150.0	116	0.80	0.12	150.0	117	0.33	0.05	150.0
	245	0.10	0.01	140.0								
72	115	2.58	0.39	150.0	116	0.85	0.13	150.0	117	0.50	0.07	150.0
	245	0.13	0.02	140.0								
73	115	2.47	0.37	150.0	116	0.40	0.06	150.0	117	0.77	0.12	150.0
	245	0.08	0.01	140.0								
74	115	1.57	0.24	150.0	116	0.79	0.12	150.0	117	0.87	0.13	150.0
	245	0.12	0.02	140.0								
75	115	1.62	0.24	150.0	116	0.80	0.12	150.0	117	0.34	0.05	150.0
	245	0.10	0.01	140.0								
76	115	2.49	0.37	150.0	116	0.84	0.13	150.0	117	0.51	0.08	150.0
	245	0.12	0.02	140.0								
77	115	2.38	0.36	150.0	116	0.41	0.06	150.0	117	0.76	0.11	150.0
	245	0.07	0.01	140.0								
78	115	1.48	0.22	150.0	116	0.79	0.12	150.0	117	0.86	0.13	150.0
	245	0.13	0.02	140.0								

Cmb 1000 etaT/h
7.15



31_RIS_MODOX_002_CDCEd dinamico SLU alfa00 ecc +



RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.

Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (esprese nel riferimento globale della struttura) per ogni palo componente l'opera.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (<i>PALO</i>) 4) plinto su palo 5) plinto su due pali (<i>PL.2P</i>) 6) plinto su tre pali (<i>PL.3P</i>) 7) plinto su quattro pali (<i>PL.4P</i>) 8) plinto rettangolare su cinque pali (<i>PL.5P.R</i>) 9) plinto pentagonale su cinque pali (<i>PL.5P</i>) 10) plinto su sei pali (<i>PL.6P</i>)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione F_z (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O Wink V	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.

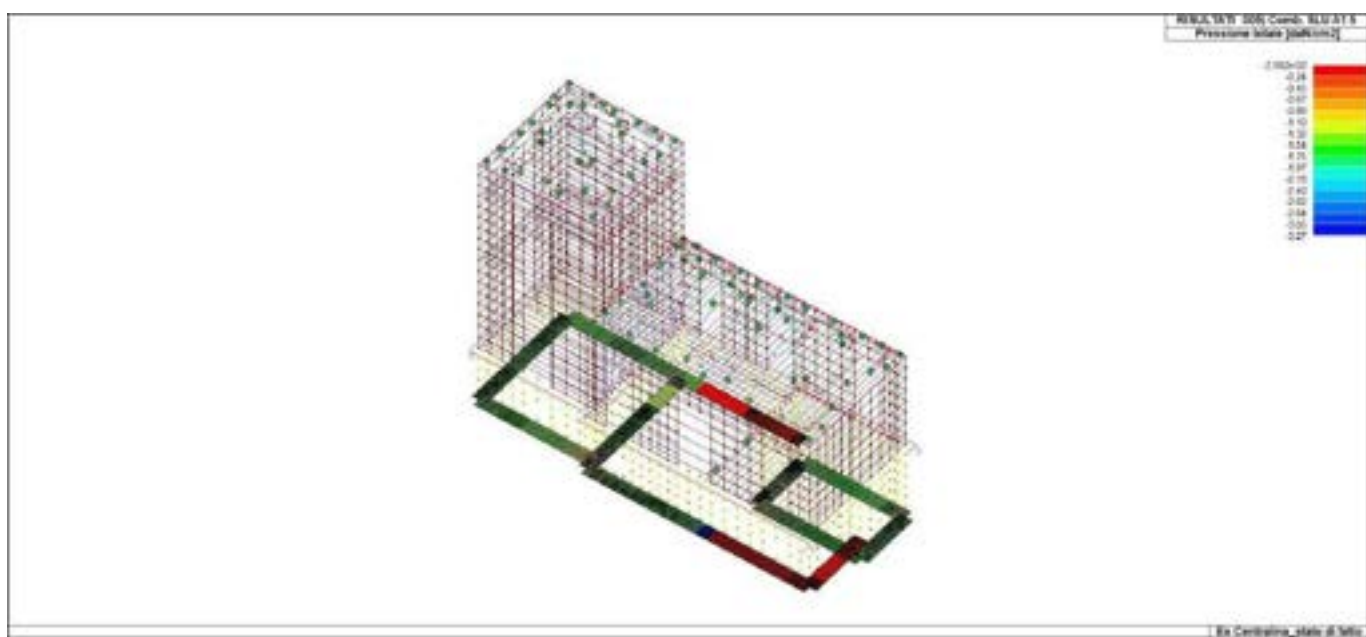
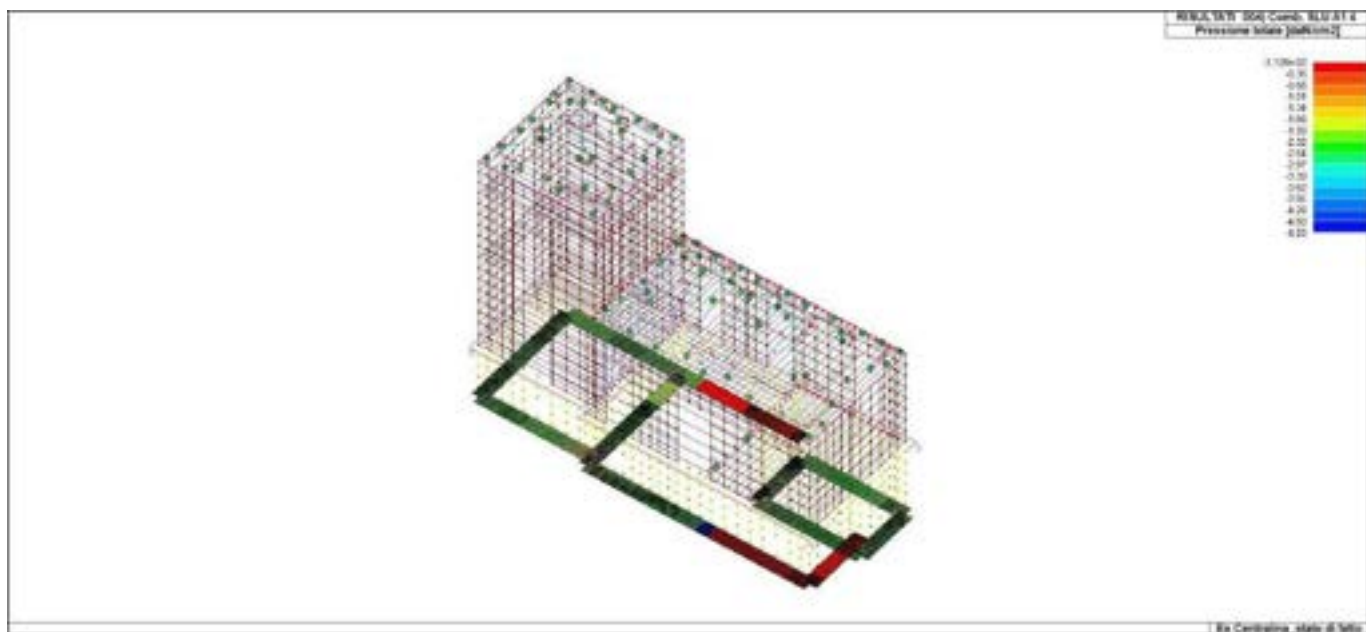
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.

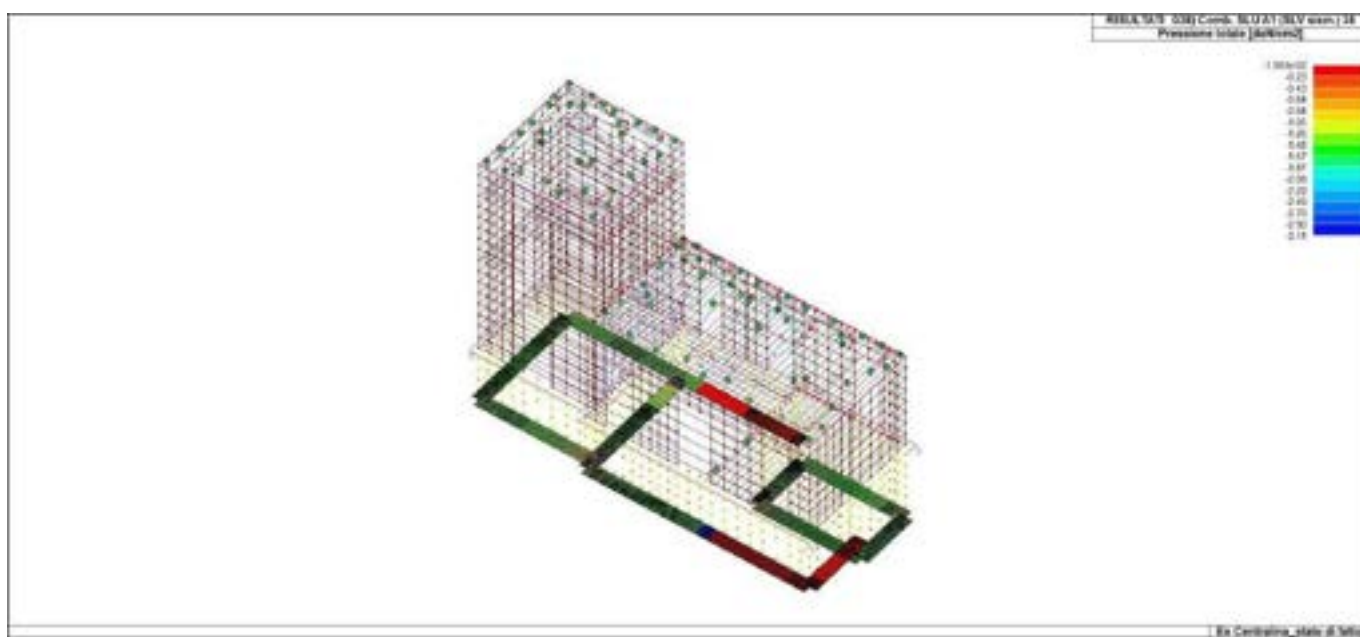
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

Elem.	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2
94	4	-2.20	-2.14	-2.20	31	-1.70	-1.65	-1.70	63	-1.77	-1.71	-1.77
	82	-1.65	-1.60	-1.65	87	-1.55	-1.50	-1.55	92	-1.52	-1.47	-1.52
95	4	-2.09	-2.00	-2.09	31	-1.62	-1.54	-1.62	63	-1.69	-1.60	-1.69
	82	-1.57	-1.50	-1.57	87	-1.47	-1.40	-1.47	92	-1.44	-1.37	-1.44
96	4	-1.99	-1.91	-1.99	31	-1.54	-1.48	-1.54	63	-1.61	-1.54	-1.61
	82	-1.49	-1.43	-1.49	87	-1.40	-1.34	-1.40	92	-1.37	-1.31	-1.37
97	4	-1.81	-1.77	-1.81	31	-1.40	-1.37	-1.40	63	-1.45	-1.42	-1.45
	82	-1.36	-1.32	-1.36	87	-1.27	-1.24	-1.27	92	-1.24	-1.21	-1.24
98	4	-1.55	-1.54	-1.55	31	-1.18	-1.15	-1.18	63	-1.22	-1.19	-1.22
	82	-1.16	-1.15	-1.16	87	-1.09	-1.08	-1.09	92	-1.06	-1.06	-1.06
144	4	-2.15	-2.13	-2.15	39	-1.79	-1.76	-1.79	71	-1.89	-1.85	-1.89
	82	-1.62	-1.60	-1.62	87	-1.54	-1.52	-1.54	92	-1.51	-1.49	-1.51
145	4	-2.21	-2.17	-2.21	39	-1.82	-1.77	-1.82	71	-1.92	-1.86	-1.92
	82	-1.66	-1.63	-1.66	87	-1.58	-1.55	-1.58	92	-1.55	-1.52	-1.55
146	4	-2.33	-2.19	-2.33	39	-1.91	-1.79	-1.91	71	-2.00	-1.87	-2.00
	82	-1.75	-1.65	-1.75	87	-1.66	-1.56	-1.66	92	-1.63	-1.54	-1.63
147	4	-2.25	-2.15	-2.25	39	-1.83	-1.74	-1.83	71	-1.92	-1.83	-1.92
	82	-1.69	-1.62	-1.69	87	-1.61	-1.53	-1.61	92	-1.58	-1.50	-1.58
148	4	-2.14	-2.19	-2.19	39	-1.73	-1.76	-1.76	71	-1.82	-1.84	-1.84
	82	-1.61	-1.65	-1.65	87	-1.52	-1.56	-1.56	92	-1.49	-1.53	-1.53
149	4	-2.09	-2.28	-2.28	39	-1.68	-1.82	-1.82	71	-1.76	-1.90	-1.90
	82	-1.57	-1.71	-1.71	87	-1.48	-1.62	-1.62	92	-1.46	-1.58	-1.58
150	4	-2.12	-2.32	-2.32	39	-1.69	-1.83	-1.83	71	-1.77	-1.91	-1.91
	82	-1.59	-1.74	-1.74	87	-1.50	-1.64	-1.64	92	-1.47	-1.60	-1.60
151	4	-2.07	-2.18	-2.18	43	-1.63	-1.70	-1.70	75	-1.70	-1.78	-1.78
	82	-1.55	-1.63	-1.63	87	-1.46	-1.53	-1.53	92	-1.43	-1.50	-1.50
152	4	-1.90	-1.96	-1.96	39	-1.49	-1.53	-1.53	71	-1.55	-1.59	-1.59
	82	-1.42	-1.47	-1.47	87	-1.34	-1.38	-1.38	92	-1.31	-1.35	-1.35
153	4	-1.65	-1.77	-1.77	39	-1.25	-1.37	-1.37	71	-1.29	-1.42	-1.42
	82	-1.24	-1.33	-1.33	87	-1.16	-1.24	-1.24	92	-1.14	-1.22	-1.22
154	4	-2.06	-1.96	-2.06	39	-1.48	-1.48	-1.48	71	-1.51	-1.53	-1.53
	82	-1.54	-1.47	-1.54	87	-1.43	-1.38	-1.43	92	-1.40	-1.35	-1.40
155	4	-2.50	-2.34	-2.50	31	-1.77	-1.69	-1.77	63	-1.79	-1.72	-1.79
	82	-1.87	-1.75	-1.87	87	-1.74	-1.63	-1.74	92	-1.70	-1.59	-1.70
156	4	-2.62	-2.52	-2.62	15	-1.83	-1.77	-1.83	47	-1.84	-1.79	-1.84
	82	-1.96	-1.88	-1.96	87	-1.82	-1.75	-1.82	92	-1.78	-1.71	-1.78
157	4	-2.58	-2.53	-2.58	15	-1.79	-1.76	-1.79	47	-1.81	-1.78	-1.81
	82	-1.93	-1.89	-1.93	87	-1.80	-1.76	-1.80	92	-1.75	-1.72	-1.75
158	4	-2.44	-2.41	-2.44	31	-1.72	-1.66	-1.72	63	-1.74	-1.67	-1.74
	82	-1.83	-1.80	-1.83	87	-1.70	-1.68	-1.70	92	-1.66	-1.64	-1.66
159	4	-2.17	-2.15	-2.17	31	-1.56	-1.52	-1.56	63	-1.59	-1.53	-1.59
	82	-1.63	-1.61	-1.63	87	-1.52	-1.50	-1.52	92	-1.48	-1.47	-1.48
160	4	-1.95	-1.94	-1.95	31	-1.43	-1.39	-1.43	63	-1.46	-1.42	-1.46
	82	-1.46	-1.45	-1.46	87	-1.36	-1.35	-1.36	92	-1.33	-1.32	-1.33
161	4	-1.60	-1.60	-1.60	31	-1.20	-1.17	-1.20	63	-1.23	-1.20	-1.23
	82	-1.20	-1.20	-1.20	87	-1.12	-1.12	-1.12	92	-1.10	-1.10	-1.10
162	4	-1.54	-1.58	-1.58	31	-1.17	-1.20	-1.20	63	-1.21	-1.24	-1.24
	82	-1.15	-1.18	-1.18	87	-1.08	-1.11	-1.11	92	-1.06	-1.08	-1.08
163	4	-1.88	-1.98	-1.98	31	-1.44	-1.50	-1.50	63	-1.49	-1.56	-1.56
	82	-1.41	-1.48	-1.48	87	-1.32	-1.39	-1.39	92	-1.30	-1.36	-1.36
164	4	-2.09	-2.27	-2.27	31	-1.61	-1.74	-1.74	63	-1.67	-1.80	-1.80
	82	-1.57	-1.70	-1.70	87	-1.47	-1.60	-1.60	92	-1.44	-1.56	-1.56
165	4	-2.18	-2.36	-2.36	39	-1.71	-1.82	-1.82	71	-1.78	-1.89	-1.89
	82	-1.63	-1.77	-1.77	87	-1.54	-1.66	-1.66	92	-1.51	-1.63	-1.63
166	4	-2.29	-2.28	-2.29	43	-1.81	-1.79	-1.81	75	-1.89	-1.86	-1.89
	82	-1.72	-1.72	-1.72	87	-1.63	-1.62	-1.63	92	-1.60	-1.59	-1.60
167	4	-2.36	-2.29	-2.36	43	-1.88	-1.82	-1.88	75	-1.96	-1.89	-1.96
	82	-1.77	-1.72	-1.77	87	-1.68	-1.63	-1.68	92	-1.65	-1.60	-1.65
168	4	-2.35	-2.31	-2.35	39	-1.88	-1.84	-1.88	71	-1.96	-1.92	-1.96
	82	-1.77	-1.74	-1.77	87	-1.67	-1.65	-1.67	92	-1.64	-1.62	-1.64
169	4	-2.26	-2.25	-2.26	39	-1.81	-1.80	-1.81	71	-1.90	-1.88	-1.90
	82	-1.70	-1.69	-1.70	87	-1.61	-1.60	-1.61	92	-1.58	-1.57	-1.58
170	4	-2.21	-2.20	-2.21	39	-1.79	-1.77	-1.79	71	-1.87	-1.85	-1.87
	82	-1.66	-1.66	-1.66	87	-1.58	-1.57	-1.58	92	-1.55	-1.54	-1.55
171	4	-2.19	-2.15	-2.19	39	-1.74	-1.67	-1.74	71	-1.82	-1.73	-1.82
	82	-1.64	-1.62	-1.64	87	-1.56	-1.53	-1.56	92	-1.53	-1.51	-1.53
172	4	-2.22	-2.19	-2.22	19	-1.74	-1.70	-1.74	51	-1.80	-1.76	-1.80
	82	-1.67	-1.65	-1.67	87	-1.58	-1.56	-1.58	92	-1.56	-1.53	-1.56
173	4	-2.32	-2.25	-2.32	19	-1.80	-1.74	-1.80	51	-1.86	-1.79	-1.86
	82	-1.75	-1.69	-1.75	87	-1.66	-1.61	-1.66	92	-1.63	-1.58	-1.63
174	4	-2.38	-2.25	-2.38	19	-1.84	-1.73	-1.84	51	-1.89	-1.78	-1.89
	82	-1.79	-1.69	-1.79	87	-1.70	-1.61	-1.70	92	-1.67	-1.58	-1.67
175	4	-2.29	-2.17	-2.29	19	-1.76	-1.67	-1.76	51	-1.82	-1.73	-1.82
	82	-1.72	-1.63	-1.72	87	-1.64	-1.55	-1.64	92	-1.61	-1.52	-1.61
176	4	-2.17	-2.26	-2.26	15	-1.68	-1.75	-1.75	47	-1.73	-1.81	-1.81

	82	-1.63	-1.70	-1.70	87	-1.55	-1.61	-1.61	92	-1.52	-1.58	-1.58
177	4	-2.24	-2.34	-2.34	15	-1.74	-1.83	-1.83	47	-1.79	-1.89	-1.89
	82	-1.68	-1.76	-1.76	87	-1.60	-1.67	-1.67	92	-1.57	-1.64	-1.64
178	4	-2.24	-2.29	-2.29	15	-1.74	-1.80	-1.80	47	-1.81	-1.87	-1.87
	82	-1.68	-1.72	-1.72	87	-1.60	-1.63	-1.63	92	-1.57	-1.60	-1.60
179	4	-2.15	-2.17	-2.17	31	-1.68	-1.73	-1.73	63	-1.74	-1.81	-1.81
	82	-1.62	-1.63	-1.63	87	-1.53	-1.55	-1.55	92	-1.51	-1.52	-1.52
180	4	-2.13	-2.16	-2.16	39	-1.70	-1.77	-1.77	71	-1.77	-1.86	-1.86
	82	-1.60	-1.62	-1.62	87	-1.52	-1.54	-1.54	92	-1.49	-1.51	-1.51
194	4	-1.97	-2.05	-2.05	31	-1.49	-1.54	-1.54	63	-1.55	-1.60	-1.60
	82	-1.47	-1.53	-1.53	87	-1.36	-1.42	-1.42	92	-1.32	-1.38	-1.38
195	4	-2.05	-2.14	-2.14	31	-1.54	-1.60	-1.60	63	-1.60	-1.66	-1.66
	82	-1.53	-1.60	-1.60	87	-1.42	-1.49	-1.49	92	-1.38	-1.45	-1.45
196	4	-2.14	-2.26	-2.26	35	-1.60	-1.69	-1.69	67	-1.65	-1.74	-1.74
	82	-1.60	-1.69	-1.69	87	-1.49	-1.58	-1.58	92	-1.45	-1.54	-1.54
197	4	-2.26	-2.41	-2.41	35	-1.69	-1.80	-1.80	67	-1.74	-1.86	-1.86
	82	-1.69	-1.80	-1.80	87	-1.58	-1.68	-1.68	92	-1.54	-1.64	-1.64
198	4	-2.41	-2.60	-2.60	35	-1.80	-1.96	-1.96	67	-1.86	-2.02	-2.02
	82	-1.80	-1.95	-1.95	87	-1.68	-1.83	-1.83	92	-1.64	-1.79	-1.79
199	4	-2.48	-2.69	-2.69	35	-1.86	-2.03	-2.03	67	-1.92	-2.10	-2.10
	82	-1.86	-2.02	-2.02	87	-1.74	-1.90	-1.90	92	-1.70	-1.86	-1.86
200	4	-2.42	-2.62	-2.62	35	-1.83	-1.99	-1.99	67	-1.89	-2.05	-2.05
	82	-1.82	-1.96	-1.96	87	-1.71	-1.85	-1.85	92	-1.67	-1.81	-1.81
201	4	-2.36	-2.50	-2.50	35	-1.79	-1.91	-1.91	67	-1.85	-1.97	-1.97
	82	-1.77	-1.88	-1.88	87	-1.67	-1.78	-1.78	92	-1.64	-1.75	-1.75
202	4	-2.25	-2.35	-2.35	23	-1.71	-1.81	-1.81	55	-1.76	-1.86	-1.86
	82	-1.69	-1.77	-1.77	87	-1.59	-1.67	-1.67	92	-1.57	-1.64	-1.64
208	4	-2.25	-2.26	-2.26	35	-1.74	-1.74	-1.74	63	-1.80	-1.80	-1.80
	82	-1.69	-1.69	-1.69	87	-1.58	-1.59	-1.59	92	-1.55	-1.56	-1.56
213	4	-2.33	-2.32	-2.33	15	-1.86	-1.88	-1.88	47	-1.93	-1.97	-1.97
	82	-1.76	-1.75	-1.76	87	-1.67	-1.67	-1.67	92	-1.65	-1.64	-1.65
214	4	-2.11	-2.10	-2.11	15	-1.66	-1.68	-1.68	47	-1.72	-1.74	-1.74
	82	-1.59	-1.58	-1.59	87	-1.52	-1.51	-1.52	92	-1.49	-1.48	-1.49
215	4	-2.11	-2.06	-2.11	15	-1.63	-1.62	-1.63	47	-1.69	-1.68	-1.69
	82	-1.59	-1.56	-1.59	87	-1.51	-1.48	-1.51	92	-1.48	-1.46	-1.48
216	4	-2.18	-2.05	-2.18	15	-1.69	-1.59	-1.69	47	-1.74	-1.65	-1.74
	82	-1.64	-1.55	-1.64	87	-1.56	-1.47	-1.56	92	-1.53	-1.45	-1.53
217	4	-2.42	-2.23	-2.42	15	-1.87	-1.73	-1.87	47	-1.93	-1.79	-1.93
	82	-1.82	-1.68	-1.82	87	-1.72	-1.60	-1.72	92	-1.70	-1.57	-1.70
228	4	-4.56	-4.93	-4.93	35	-3.52	-3.80	-3.80	67	-3.65	-3.94	-3.94
	82	-3.42	-3.70	-3.70	87	-3.21	-3.47	-3.47	92	-3.15	-3.41	-3.41
229	4	-3.18	-3.33	-3.33	35	-2.45	-2.57	-2.57	67	-2.54	-2.66	-2.66
	82	-2.38	-2.50	-2.50	87	-2.24	-2.34	-2.34	92	-2.19	-2.30	-2.30
230	4	-2.82	-2.90	-2.90	35	-2.17	-2.24	-2.24	67	-2.25	-2.32	-2.32
	82	-2.11	-2.18	-2.18	87	-1.98	-2.04	-2.04	92	-1.95	-2.00	-2.00
231	4	-2.64	-2.69	-2.69	31	-2.03	-2.08	-2.08	63	-2.11	-2.15	-2.15
	82	-1.98	-2.02	-2.02	87	-1.86	-1.90	-1.90	92	-1.83	-1.86	-1.86
232	4	-2.58	-2.63	-2.63	31	-1.98	-2.03	-2.03	63	-2.06	-2.10	-2.10
	82	-1.94	-1.98	-1.98	87	-1.82	-1.85	-1.85	92	-1.78	-1.82	-1.82
233	4	-2.52	-2.58	-2.58	35	-1.94	-1.98	-1.98	67	-2.01	-2.06	-2.06
	82	-1.89	-1.94	-1.94	87	-1.78	-1.82	-1.82	92	-1.74	-1.78	-1.78
234	4	-2.46	-2.52	-2.52	35	-1.89	-1.94	-1.94	67	-1.96	-2.01	-2.01
	82	-1.84	-1.89	-1.89	87	-1.73	-1.77	-1.77	92	-1.70	-1.74	-1.74
235	4	-2.35	-2.41	-2.41	35	-1.81	-1.85	-1.85	67	-1.88	-1.92	-1.92
	82	-1.77	-1.81	-1.81	87	-1.66	-1.70	-1.70	92	-1.63	-1.66	-1.66
260	4	-1.84	-1.86	-1.86	31	-1.49	-1.52	-1.52	63	-1.56	-1.60	-1.60
	82	-1.39	-1.41	-1.41	87	-1.32	-1.34	-1.34	92	-1.30	-1.32	-1.32
261	4	-2.09	-2.12	-2.12	31	-1.69	-1.73	-1.73	63	-1.77	-1.81	-1.81
	82	-1.58	-1.60	-1.60	87	-1.50	-1.52	-1.52	92	-1.47	-1.50	-1.50
262	4	-2.25	-2.27	-2.27	31	-1.80	-1.84	-1.84	63	-1.88	-1.92	-1.92
	82	-1.69	-1.71	-1.71	87	-1.60	-1.62	-1.62	92	-1.58	-1.60	-1.60
263	4	-2.39	-2.36	-2.39	31	-1.91	-1.90	-1.91	63	-1.99	-1.98	-1.99
	82	-1.80	-1.78	-1.80	87	-1.71	-1.69	-1.71	92	-1.68	-1.66	-1.68
264	4	-2.45	-2.39	-2.45	31	-1.94	-1.90	-1.94	63	-2.02	-1.98	-2.02
	82	-1.84	-1.80	-1.84	87	-1.74	-1.70	-1.74	92	-1.71	-1.67	-1.71
265	4	-2.42	-2.35	-2.42	31	-1.90	-1.86	-1.90	63	-1.98	-1.94	-1.98
	82	-1.82	-1.77	-1.82	87	-1.72	-1.67	-1.72	92	-1.69	-1.65	-1.69
266	4	-2.34	-2.29	-2.34	31	-1.84	-1.80	-1.84	63	-1.91	-1.87	-1.91
	82	-1.76	-1.72	-1.76	87	-1.67	-1.63	-1.67	92	-1.64	-1.60	-1.64
267	4	-2.19	-2.15	-2.19	35	-1.71	-1.68	-1.71	67	-1.78	-1.74	-1.78
	82	-1.65	-1.61	-1.65	87	-1.55	-1.52	-1.55	92	-1.53	-1.50	-1.53
268	4	-2.11	-2.22	-2.22	35	-1.60	-1.71	-1.71	67	-1.64	-1.77	-1.77
	82	-1.59	-1.67	-1.67	87	-1.50	-1.57	-1.57	92	-1.47	-1.54	-1.54
269	4	-2.00	-2.12	-2.12	35	-1.48	-1.60	-1.60	67	-1.52	-1.65	-1.65
	82	-1.50	-1.59	-1.59	87	-1.41	-1.50	-1.50	92	-1.38	-1.47	-1.47
270	4	-1.93	-2.14	-2.14	35	-1.38	-1.58	-1.58	67	-1.40	-1.62	-1.62
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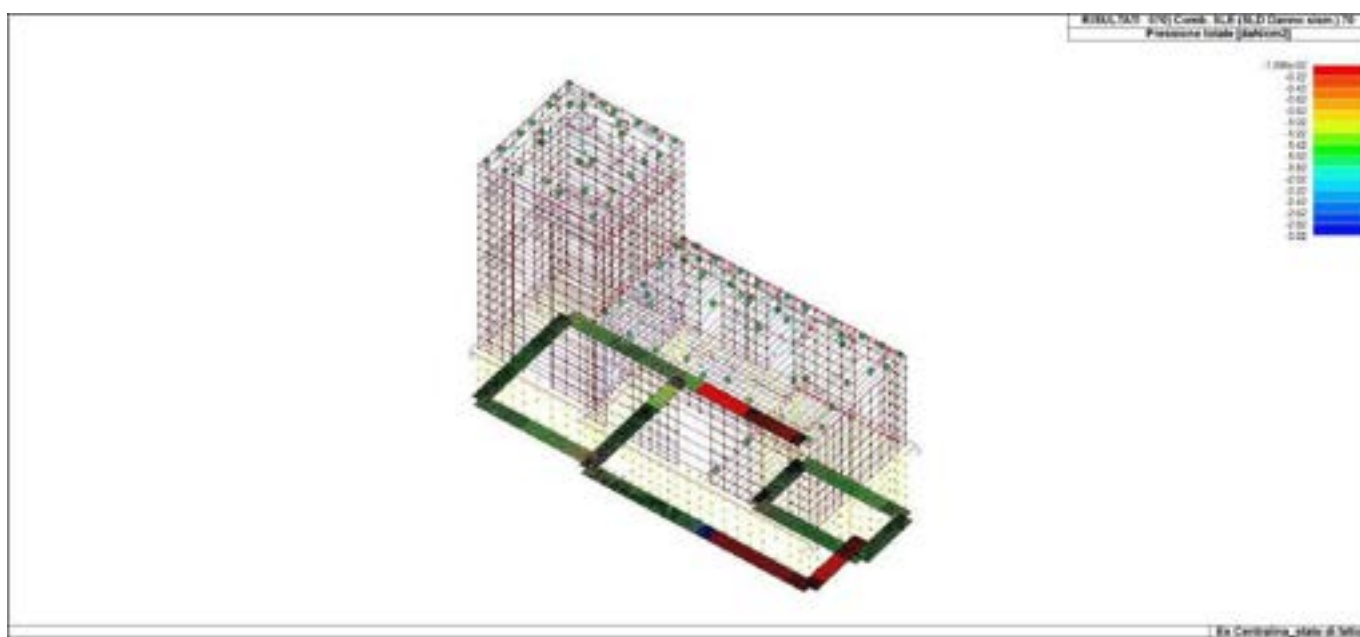
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	272	4	-1.85	-1.94	-1.94	15	-1.35	-1.40	-1.40	47	-1.39	-1.43
273	82	-1.38	-1.45	-1.45	87	-1.28	-1.35	-1.35	92	-1.25	-1.32	-1.32
	4	-1.81	-1.89	-1.89	15	-1.35	-1.38	-1.38	47	-1.39	-1.42	-1.42
	82	-1.35	-1.41	-1.41	87	-1.25	-1.31	-1.31	92	-1.21	-1.28	-1.28
274	4	-2.31	-2.29	-2.31	39	-1.80	-1.79	-1.80	71	-1.88	-1.87	-1.88
	82	-1.73	-1.72	-1.73	87	-1.63	-1.62	-1.63	92	-1.60	-1.58	-1.60
	275	4	-0.05	-0.06	-0.06	35	-0.04	-0.04	-0.04	67	-0.04	-0.05
276	82	-0.04	-0.04	-0.04	87	-0.04	-0.04	-0.04	92	-0.04	-0.04	-0.04
	4	-0.06	-0.06	-0.06	35	-0.04	-0.05	-0.05	67	-0.05	-0.05	-0.05
	82	-0.04	-0.05	-0.05	87	-0.04	-0.04	-0.04	92	-0.04	-0.04	-0.04
277	4	-0.06	-0.06	-0.06	35	-0.05	-0.05	-0.05	67	-0.05	-0.05	-0.05
	82	-0.05	-0.05	-0.05	87	-0.04	-0.04	-0.04	92	-0.04	-0.04	-0.04
	278	4	-0.06	-0.07	-0.07	35	-0.05	-0.05	-0.05	67	-0.05	-0.05
279	82	-0.05	-0.05	-0.05	87	-0.04	-0.05	-0.05	92	-0.04	-0.05	-0.05
	4	-0.07	-0.07	-0.07	35	-0.05	-0.05	-0.05	67	-0.05	-0.05	-0.05
	82	-0.05	-0.05	-0.05	87	-0.05	-0.05	-0.05	92	-0.05	-0.05	-0.05
280	4	-0.07	-0.07	-0.07	35	-0.05	-0.05	-0.05	67	-0.05	-0.06	-0.06
	82	-0.05	-0.05	-0.05	87	-0.05	-0.05	-0.05	92	-0.05	-0.05	-0.05
	281	4	-0.07	-0.07	-0.07	35	-0.05	-0.05	-0.05	67	-0.06	-0.06
282	82	-0.05	-0.05	-0.05	87	-0.05	-0.05	-0.05	92	-0.05	-0.05	-0.05
	4	-0.07	-0.07	-0.07	35	-0.05	-0.06	-0.06	67	-0.06	-0.06	-0.06
	82	-0.05	-0.05	-0.05	87	-0.05	-0.05	-0.05	92	-0.05	-0.05	-0.05
283	4	-0.07	-0.07	-0.07	35	-0.05	-0.05	-0.05	67	-0.06	-0.05	-0.06
	82	-0.05	-0.05	-0.05	87	-0.05	-0.05	-0.05	92	-0.05	-0.05	-0.05
	284	4	-0.07	-0.05	-0.07	35	-0.05	-0.04	-0.05	67	-0.05	-0.04
285	82	-0.05	-0.04	-0.05	87	-0.05	-0.04	-0.05	92	-0.05	-0.04	-0.05
	4	-0.05	-0.04	-0.05	35	-0.04	-0.03	-0.04	67	-0.04	-0.04	-0.04
	82	-0.04	-0.03	-0.04	87	-0.04	-0.03	-0.04	92	-0.04	-0.03	-0.04
286	4	-0.04	-0.04	-0.04	23	-0.03	-0.03	-0.03	55	-0.04	-0.03	-0.04
	82	-0.03	-0.03	-0.03	87	-0.03	-0.03	-0.03	92	-0.03	-0.03	-0.03
	287	4	-0.04	-0.04	-0.04	35	-0.03	-0.03	-0.03	67	-0.03	-0.03
288	82	-0.03	-0.03	-0.03	87	-0.03	-0.03	-0.03	92	-0.03	-0.03	-0.03
	4	-0.04	-0.04	-0.04	35	-0.03	-0.03	-0.03	67	-0.03	-0.03	-0.03
	82	-0.03	-0.03	-0.03	87	-0.03	-0.03	-0.03	92	-0.03	-0.03	-0.03
289	4	-0.04	-0.04	-0.04	35	-0.03	-0.03	-0.03	67	-0.03	-0.03	-0.03
	82	-0.03	-0.03	-0.03	87	-0.03	-0.03	-0.03	92	-0.03	-0.03	-0.03
	290	4	-0.04	-0.04	-0.04	35	-0.03	-0.03	-0.03	67	-0.03	-0.03
291	82	-0.03	-0.03	-0.03	87	-0.03	-0.03	-0.03	92	-0.03	-0.03	-0.03
	4	-0.04	-0.03	-0.04	35	-0.03	-0.03	-0.03	67	-0.03	-0.03	-0.03
	82	-0.03	-0.03	-0.03	87	-0.03	-0.02	-0.03	92	-0.03	-0.02	-0.03
292	4	-0.03	-0.03	-0.03	35	-0.03	-0.03	-0.03	67	-0.03	-0.03	-0.03
	82	-0.03	-0.02	-0.03	87	-0.02	-0.02	-0.02	92	-0.02	-0.02	-0.02
	Elem.	Pt ini -4.93 -0.02	Pt fin	Pt max		Pt ini	Pt fin	Pt max		Pt ini	Pt fin	Pt max





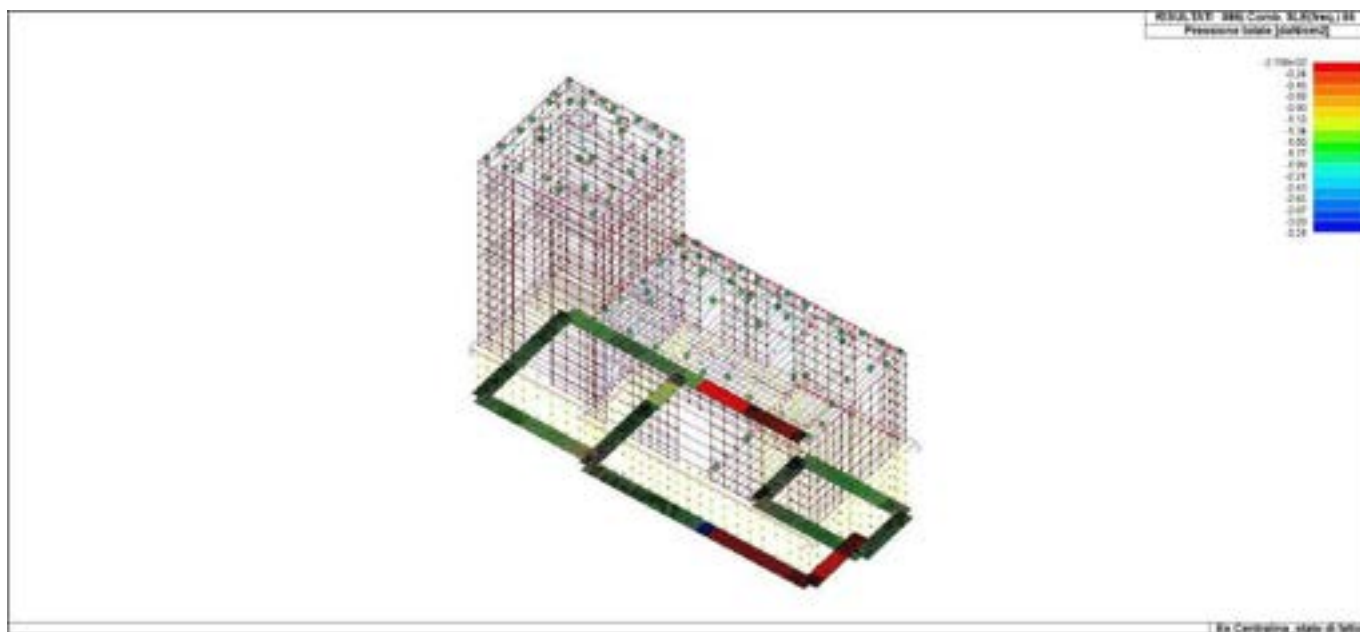


46_RIS_PRESSIONI_067_Comb SLE SLD Danno sism 67



46_RIS_PRESSIONI_070_Comb SLE SLD Danno sism 70

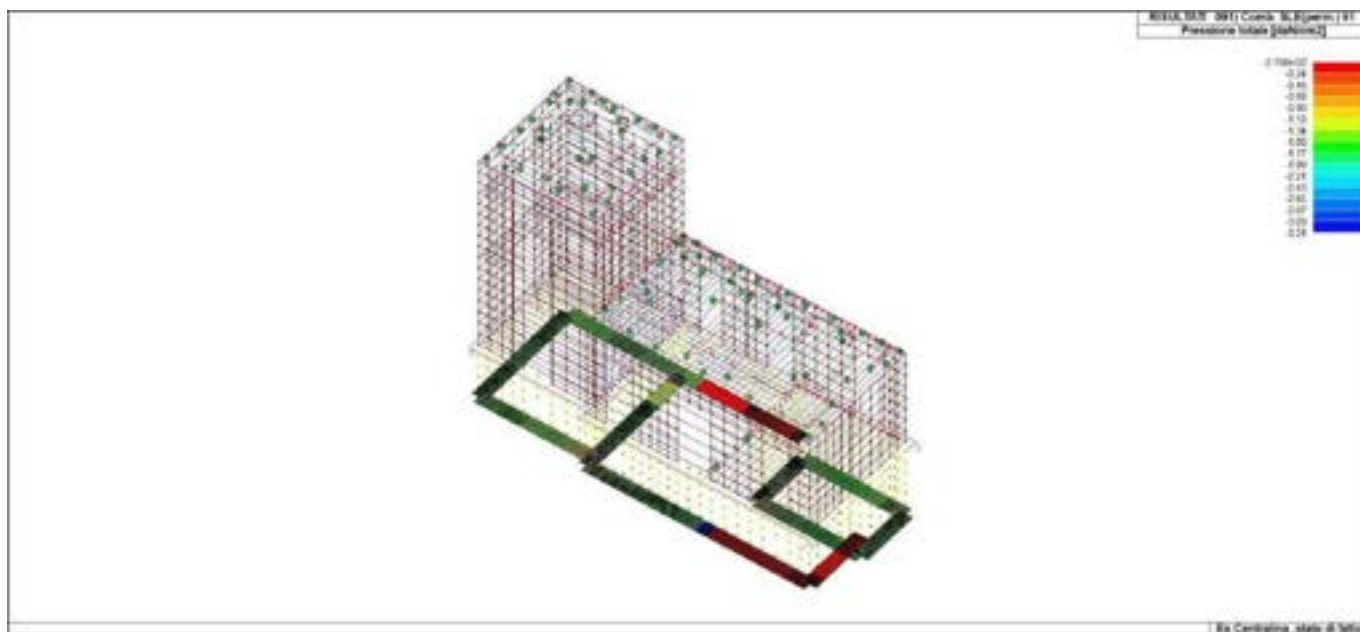




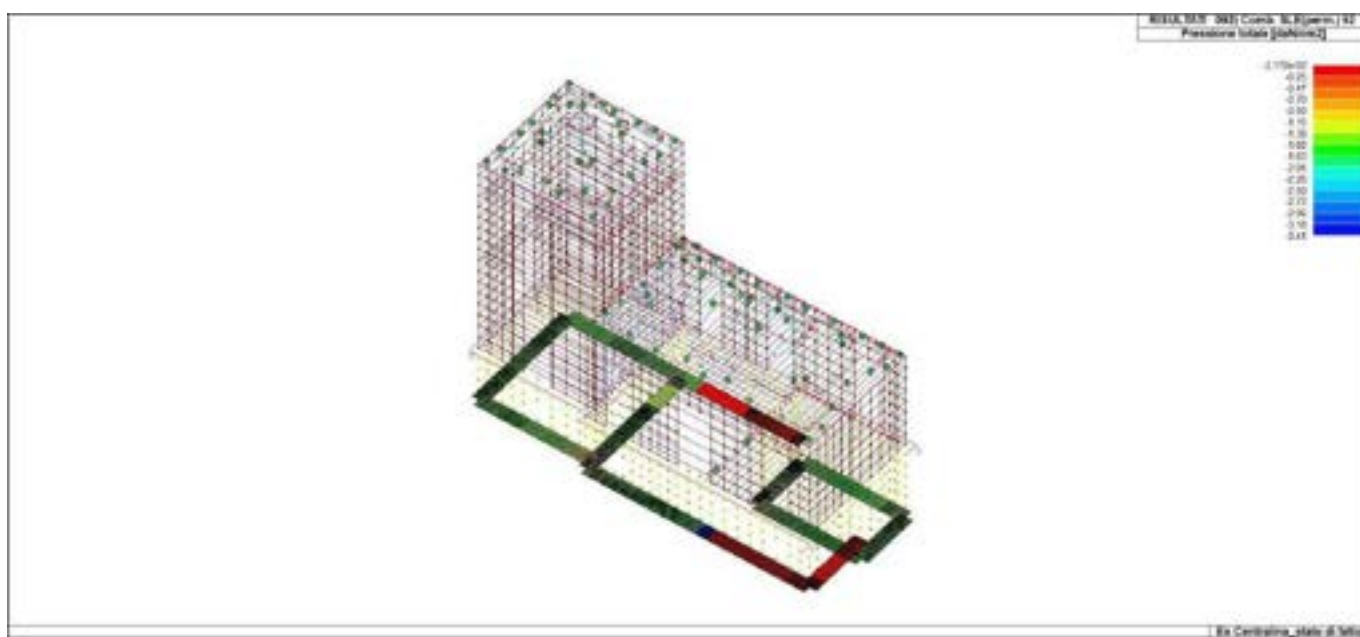
46_RIS_PRESSIONI_086_Comb SLEfreq 86



46_RIS_PRESSIONI_087_Comb SLEfreq 87



46_RIS_PRESSIONI_091_Comb SLEperm 91



46_RIS_PRESSIONI_092_Comb SLEperm 92

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

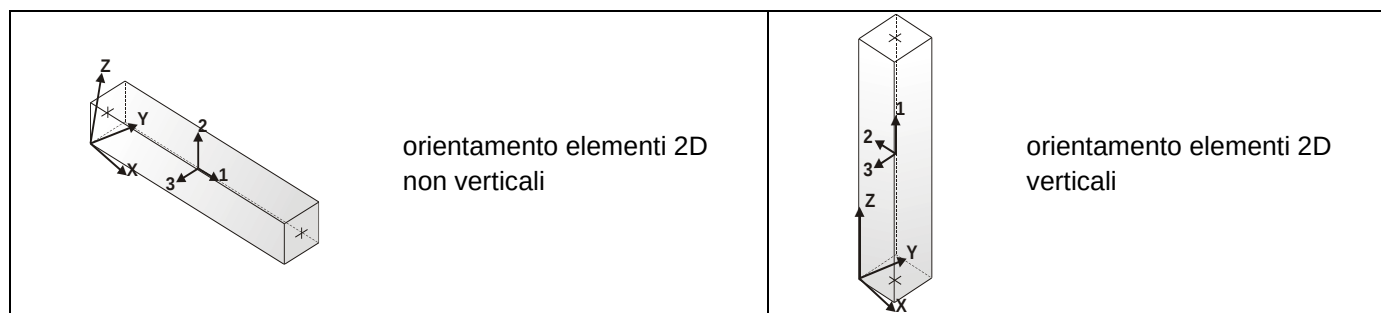
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



Pilas.	Cmb	M3 mx/mn daN cm	M2 mx/mn daN cm	D 2 / D 3 cm	Q 2 / Q 3 daN	Pos. cm	N daN	V 2 daN	V 3 daN	T daN cm	M 2 daN cm	M 3 daN cm
115	4	3.76 3.10	33.01 -34.30	0.01 0.03	0.0 0.0	0.0 75.0 150.0	415.31 421.33 427.35	4.37e-03 4.37e-03 4.37e-03	-0.45 -0.45 -0.45	0.66 0.66 0.66	33.01 -0.64 -34.30	3.10 3.43 3.76
115	5	1.90 1.57	6.51 -6.82	5.94e-03 0.03	0.0 0.0	0.0 75.0 150.0	97.10 101.73 106.36	2.22e-03 2.22e-03 2.22e-03	-0.09 -0.09 -0.09	0.43 0.43 0.43	6.51 -0.15 -6.82	1.57 1.74 1.90
115	11	3.62 2.98	40.56 -42.11	0.01 0.02	0.0 0.0	0.0 75.0 150.0	504.26 510.28 516.30	4.21e-03 4.21e-03 4.21e-03	-0.55 -0.55 -0.55	0.65 0.65 0.65	40.56 -0.78 -42.11	2.98 3.30 3.62
115	16	704.38 -517.20	13.62 -13.97	0.79 0.03	0.0 0.0	0.0 75.0 150.0	137.84 142.47 147.10	8.29 8.29 8.29	-0.18 -0.18 -0.18	22.49 22.49 22.49	13.62 -0.18 -13.97	-517.20 93.59 704.38
115	17	520.79 -700.03	6.22 -6.73	-0.78 0.03	0.0 0.0	0.0 75.0 150.0	136.54 141.17 145.80	-8.29 -8.29 -8.29	-0.09 -0.09 -0.09	-21.59 -21.59 -21.59	6.22 -0.25 -6.73	520.79 -89.62 -700.03
115	24	695.73 -486.92	14.19 -14.55	0.76 0.03	0.0 0.0	0.0 75.0 150.0	137.87 142.50 147.13	8.03 8.03 8.03	-0.19 -0.19 -0.19	-36.91 -36.91 -36.91	14.19 -0.18 -14.55	-486.92 104.41 695.73
115	25	490.51 -691.38	5.64 -6.14	-0.75 0.02	0.0 0.0	0.0 75.0 150.0	136.51 141.14 145.77	-8.03 -8.03 -8.03	-0.08 -0.08 -0.08	37.81 37.81 37.81	5.64 -0.25 -6.14	490.51 -100.44 -691.38
115	36	257.79 -108.97	18.43 -18.71	0.28 0.04	0.0 0.0	0.0 75.0 150.0	137.66 142.29 146.92	2.97 2.97 2.97	-0.25 -0.25 -0.25	-7.99 -7.99 -7.99	18.43 -0.14 -18.71	-108.97 74.41 257.79
115	48	954.36 -701.96	14.93 -15.26	1.07 0.03	0.0 0.0	0.0 75.0 150.0	138.07 142.70 147.33	11.24 11.24 11.24	-0.20 -0.20 -0.20	30.34 30.34 30.34	14.93 -0.17 -15.26	-701.96 126.20 954.36
115	49	705.56 -950.01	4.90 -5.44	-1.06 0.03	0.0 0.0	0.0 75.0 150.0	136.31 140.94 145.57	-11.24 -11.24 -11.24	-0.07 -0.07 -0.07	-29.44 -29.44 -29.44	4.90 -0.27 -5.44	705.56 -122.23 -950.01
115	56	942.64 -660.90	15.71 -16.05	1.03 0.04	0.0 0.0	0.0 75.0 150.0	138.11 142.74 147.37	10.89 10.89 10.89	-0.21 -0.21 -0.21	-50.21 -50.21 -50.21	15.71 -0.17 -16.05	-660.90 140.87 942.64
115	57	664.49 -938.29	4.12 -4.65	-1.01 0.02	0.0 0.0	0.0 75.0 150.0	136.26 140.89 145.52	-10.89 -10.89 -10.89	-0.06 -0.06 -0.06	51.11 51.11 51.11	4.12 -0.26 -4.65	664.49 -136.90 -938.29
115	68	348.79 -148.41	21.47 -21.68	0.38 0.04	0.0 0.0	0.0 75.0 150.0	137.82 142.45 147.08	4.02 4.02 4.02	-0.29 -0.29 -0.29	-10.99 -10.99 -10.99	21.47 -0.11 -21.68	-148.41 100.19 348.79
115	79	1.99 1.64	7.73 -8.09	6.40e-03 0.03	0.0 0.0	0.0 75.0 150.0	111.49 116.12 120.75	2.31e-03 2.31e-03 2.31e-03	-0.11 -0.11 -0.11	0.44 0.44 0.44	7.73 -0.18 -8.09	1.64 1.81 1.99
115	82	2.71 2.24	22.22 -23.10	9.67e-03 0.02	0.0 0.0	0.0 75.0 150.0	282.14 286.77 291.41	3.16e-03 3.16e-03 3.16e-03	-0.30 -0.30 -0.30	0.49 0.49 0.49	22.22 -0.44 -23.10	2.24 2.48 2.71
115	85	2.62 2.16	27.26 -28.31	9.02e-03 0.02	0.0 0.0	0.0 75.0 150.0	341.45 346.08 350.71	3.05e-03 3.05e-03 3.05e-03	-0.37 -0.37 -0.37	0.49 0.49 0.49	27.26 -0.53 -28.31	2.16 2.39 2.62
115	86	1.99 1.64	7.73 -8.09	6.40e-03 0.03	0.0 0.0	0.0 75.0 150.0	111.49 116.12 120.75	2.31e-03 2.31e-03 2.31e-03	-0.11 -0.11 -0.11	0.44 0.44 0.44	7.73 -0.18 -8.09	1.64 1.81 1.99
115	87	2.30 1.90	11.37 -11.86	7.91e-03 0.03	0.0 0.0	0.0 75.0 150.0	154.32 158.95 163.58	2.68e-03 2.68e-03 2.68e-03	-0.15 -0.15 -0.15	0.46 0.46 0.46	11.37 -0.24 -11.86	1.90 2.10 2.30
115	90	2.21 1.83	12.80 -13.34	7.41e-03 0.03	0.0 0.0	0.0 75.0 150.0	171.19 175.82 180.45	2.58e-03 2.58e-03 2.58e-03	-0.17 -0.17 -0.17	0.46 0.46 0.46	12.80 -0.27 -13.34	1.83 2.02 2.21
115	91	1.99 1.64	7.73 -8.09	6.40e-03 0.03	0.0 0.0	0.0 75.0 150.0	111.49 116.12 120.75	2.31e-03 2.31e-03 2.31e-03	-0.11 -0.11 -0.11	0.44 0.44 0.44	7.73 -0.18 -8.09	1.64 1.81 1.99
115	92	2.18 1.80	9.92 -10.35	7.30e-03 0.03	0.0 0.0	0.0 75.0 150.0	137.19 141.82 146.45	2.53e-03 2.53e-03 2.53e-03	-0.14 -0.14 -0.14	0.45 0.45 0.45	9.92 -0.22 -10.35	1.80 1.99 2.18
116	5	304.58 -150.83	30.27 -31.96	0.08 0.02	0.0 0.0	0.0 75.0 150.0	95.93 100.56 105.19	3.04 3.04 3.04	0.41 0.41 0.41	0.54 0.54 0.54	-31.96 -0.85 30.27	-150.83 76.88 304.58
116	11	1643.11 -818.18	93.17 -86.54	0.42 0.05	0.0 0.0	0.0 75.0 150.0	509.02 515.04 521.06	16.41 16.41 16.41	1.20 1.20 1.20	1.70 1.70 1.70	-86.54 3.31 93.17	-818.18 412.46 1643.11
116	19	98.38 -115.22	46.60 -51.47	0.13 0.02	0.0 0.0	0.0 75.0 150.0	135.74 140.37 145.00	-1.42 -1.42 -1.42	0.65 0.65 0.65	-2.61 -2.61 -2.61	-51.47 -2.43 46.60	98.38 -8.42 -115.22
116	22	992.65	25.36	0.11	0.0	0.0	137.30	10.17	0.32	3.87	-22.16	-533.56

		-533.56	-22.16	0.02	0.0	75.0	141.93	10.17	0.32	3.87	1.60	229.55
						150.0	146.56	10.17	0.32	3.87	25.36	992.65
116	24	37.30	40.92	0.13	0.0	0.0	135.06	-0.35	0.56	2.47	-42.44	37.30
		-15.10	-42.44	0.03	0.0	75.0	139.69	-0.35	0.56	2.47	-0.76	11.10
						150.0	144.32	-0.35	0.56	2.47	40.92	-15.10
116	25	892.53	31.04	0.11	0.0	0.0	137.98	9.10	0.41	-1.22	-31.19	-472.48
		-472.48	-31.19	0.01	0.0	75.0	142.61	9.10	0.41	-1.22	-0.07	210.03
						150.0	147.24	9.10	0.41	-1.22	31.04	892.53
116	43	254.92	45.00	0.12	0.0	0.0	136.91	2.46	0.68	3.10	-56.64	-113.92
		-113.92	-56.64	7.54e-03	0.0	75.0	141.54	2.46	0.68	3.10	-5.82	70.50
						150.0	146.17	2.46	0.68	3.10	45.00	254.92
116	51	210.86	50.38	0.13	0.0	0.0	135.46	-3.49	0.71	-3.76	-56.69	210.86
		-312.42	-56.69	0.01	0.0	75.0	140.09	-3.49	0.71	-3.76	-3.15	-50.78
						150.0	144.72	-3.49	0.71	-3.76	50.38	-312.42
116	54	1189.85	21.58	0.10	0.0	0.0	137.58	12.24	0.26	5.02	-16.95	-646.04
		-646.04	-16.95	0.03	0.0	75.0	142.21	12.24	0.26	5.02	2.31	271.90
						150.0	146.84	12.24	0.26	5.02	21.58	1189.85
116	56	128.04	42.67	0.13	0.0	0.0	134.54	-2.03	0.58	3.13	-44.45	128.04
		-176.66	-44.45	0.03	0.0	75.0	139.17	-2.03	0.58	3.13	-0.89	-24.31
						150.0	143.81	-2.03	0.58	3.13	42.67	-176.66
116	57	1054.09	29.28	0.10	0.0	0.0	138.49	10.78	0.39	-1.87	-29.19	-563.22
		-563.22	-29.19	0.01	0.0	75.0	143.12	10.78	0.39	-1.87	0.05	245.44
						150.0	147.75	10.78	0.39	-1.87	29.28	1054.09
116	75	189.49	48.22	0.12	0.0	0.0	137.05	1.78	0.75	3.98	-63.70	-77.01
		-77.01	-63.70	3.07e-03	0.0	75.0	141.68	1.78	0.75	3.98	-7.74	56.24
						150.0	146.31	1.78	0.75	3.98	48.22	189.49
116	79	352.62	32.34	0.09	0.0	0.0	110.49	3.52	0.44	0.57	-33.69	-174.75
		-174.75	-33.69	0.02	0.0	75.0	115.12	3.52	0.44	0.57	-0.68	88.93
						150.0	119.75	3.52	0.44	0.57	32.34	352.62
116	85	1110.39	65.04	0.28	0.0	0.0	344.37	11.09	0.84	1.18	-61.03	-552.80
		-552.80	-61.03	0.04	0.0	75.0	349.00	11.09	0.84	1.18	2.00	278.80
						150.0	353.63	11.09	0.84	1.18	65.04	1110.39
116	86	352.62	32.34	0.09	0.0	0.0	110.49	3.52	0.44	0.57	-33.69	-174.75
		-174.75	-33.69	0.02	0.0	75.0	115.12	3.52	0.44	0.57	-0.68	88.93
						150.0	119.75	3.52	0.44	0.57	32.34	352.62
116	90	550.09	40.82	0.14	0.0	0.0	171.15	5.49	0.54	0.72	-40.83	-273.21
		-273.21	-40.83	0.02	0.0	75.0	175.78	5.49	0.54	0.72	-2.95e-03	138.44
						150.0	180.41	5.49	0.54	0.72	40.82	550.09
116	91	352.62	32.34	0.09	0.0	0.0	110.49	3.52	0.44	0.57	-33.69	-174.75
		-174.75	-33.69	0.02	0.0	75.0	115.12	3.52	0.44	0.57	-0.68	88.93
						150.0	119.75	3.52	0.44	0.57	32.34	352.62
116	92	438.71	35.98	0.12	0.0	0.0	136.52	4.38	0.49	0.63	-36.82	-217.59
		-217.59	-36.82	0.02	0.0	75.0	141.15	4.38	0.49	0.63	-0.42	110.56
						150.0	145.78	4.38	0.49	0.63	35.98	438.71
117	5	169.69	31.20	-0.08	0.0	0.0	99.24	-3.35	-0.37	-0.02	31.20	169.69
		-332.51	-24.81	0.05	0.0	75.0	103.87	-3.35	-0.37	-0.02	3.19	-81.41
						150.0	108.50	-3.35	-0.37	-0.02	-24.81	-332.51
117	11	906.62	75.26	-0.43	0.0	0.0	529.93	-18.05	-1.15	-2.39	75.26	906.62
		-1801.02	-97.66	0.08	0.0	75.0	535.95	-18.05	-1.15	-2.39	-11.20	-447.20
						150.0	541.97	-18.05	-1.15	-2.39	-97.66	-1801.02
117	16	538.67	36.98	-0.10	0.0	0.0	140.60	-10.24	-0.46	-3.27	36.98	538.67
		-997.12	-34.51	0.05	0.0	75.0	145.23	-10.24	-0.46	-3.27	1.23	-229.23
						150.0	149.86	-10.24	-0.46	-3.27	-34.51	-997.12
117	17	42.98	33.61	-0.12	0.0	0.0	142.61	0.65	-0.43	2.75	33.61	-53.96
		-53.96	-29.14	0.05	0.0	75.0	147.24	0.65	-0.43	2.75	2.24	-5.49
						150.0	151.87	0.65	-0.43	2.75	-29.14	42.98
117	20	539.53	36.18	-0.10	0.0	0.0	140.64	-10.25	-0.46	-3.23	36.18	539.53
		-998.32	-34.53	0.05	0.0	75.0	145.27	-10.25	-0.46	-3.23	0.83	-229.39
						150.0	149.90	-10.25	-0.46	-3.23	-34.53	-998.32
117	38	185.89	48.13	-0.12	0.0	0.0	141.29	-3.76	-0.56	-0.05	48.13	185.89
		-377.61	-35.59	0.06	0.0	75.0	145.92	-3.76	-0.56	-0.05	6.27	-95.86
						150.0	150.55	-3.76	-0.56	-0.05	-35.59	-377.61
117	46	188.77	45.48	-0.12	0.0	0.0	141.43	-3.80	-0.54	0.10	45.48	188.77
		-381.59	-35.64	0.06	0.0	75.0	146.06	-3.80	-0.54	0.10	4.92	-96.41
						150.0	150.69	-3.80	-0.54	0.10	-35.64	-381.59
117	48	644.15	37.58	-0.10	0.0	0.0	140.24	-12.18	-0.47	-4.34	37.58	644.15
		-1182.26	-35.47	0.05	0.0	75.0	144.87	-12.18	-0.47	-4.34	1.06	-269.05
						150.0	149.50	-12.18	-0.47	-4.34	-35.47	-1182.26
117	49	228.11	33.01	-0.12	0.0	0.0	142.97	2.58	-0.43	3.82	33.01	-159.45
		-159.45	-28.18	0.05	0.0	75.0	147.60	2.58	-0.43	3.82	2.42	34.33
						150.0	152.23	2.58	-0.43	3.82	-28.18	228.11
117	52	645.32	36.50	-0.10	0.0	0.0	140.30	-12.19	-0.46	-4.28	36.50	645.32
		-1183.88	-35.49	0.05	0.0	75.0	144.93	-12.19	-0.46	-4.28	0.51	-269.28
						150.0	149.56	-12.19	-0.46	-4.28	-35.49	-1183.88
117	70	165.79	52.70	-0.12	0.0	0.0	141.17	-3.39	-0.60	0.02	52.70	165.79
		-342.20	-36.93	0.07	0.0	75.0	145.80	-3.39	-0.60	0.02	7.88	-88.21
						150.0	150.43	-3.39	-0.60	0.02	-36.93	-342.20

117	78	169.69	49.11	-0.12	0.0	0.0	141.37	-3.45	-0.57	0.22	49.11	169.69
		-347.60	-37.00	0.07	0.0	75.0	146.00	-3.45	-0.57	0.22	6.05	-88.96
						150.0	150.63	-3.45	-0.57	0.22	-37.00	-347.60
117	79	195.72	32.61	-0.09	0.0	0.0	114.44	-3.87	-0.40	-0.11	32.61	195.72
		-384.34	-27.32	0.05	0.0	75.0	119.07	-3.87	-0.40	-0.11	2.64	-94.31
						150.0	123.70	-3.87	-0.40	-0.11	-27.32	-384.34
117	85	613.16	53.58	-0.29	0.0	0.0	358.41	-12.20	-0.80	-1.55	53.58	613.16
		-1217.37	-67.07	0.06	0.0	75.0	363.04	-12.20	-0.80	-1.55	-6.75	-302.11
						150.0	367.68	-12.20	-0.80	-1.55	-67.07	-1217.37
117	86	195.72	32.61	-0.09	0.0	0.0	114.44	-3.87	-0.40	-0.11	32.61	195.72
		-384.34	-27.32	0.05	0.0	75.0	119.07	-3.87	-0.40	-0.11	2.64	-94.31
						150.0	123.70	-3.87	-0.40	-0.11	-27.32	-384.34
117	90	304.08	38.24	-0.14	0.0	0.0	177.72	-6.03	-0.51	-0.48	38.24	304.08
		-600.40	-37.67	0.05	0.0	75.0	182.35	-6.03	-0.51	-0.48	0.28	-148.16
						150.0	186.98	-6.03	-0.51	-0.48	-37.67	-600.40
117	91	195.72	32.61	-0.09	0.0	0.0	114.44	-3.87	-0.40	-0.11	32.61	195.72
		-384.34	-27.32	0.05	0.0	75.0	119.07	-3.87	-0.40	-0.11	2.64	-94.31
						150.0	123.70	-3.87	-0.40	-0.11	-27.32	-384.34
117	92	242.35	35.29	-0.11	0.0	0.0	141.60	-4.80	-0.45	-0.26	35.29	242.35
		-477.07	-31.82	0.05	0.0	75.0	146.23	-4.80	-0.45	-0.26	1.74	-117.36
						150.0	150.86	-4.80	-0.45	-0.26	-31.82	-477.07
245	5	29.80	-5.78	-8.16e-03	0.0	0.0	107.14	0.29	-0.07	0.98	-5.78	-10.84
		-10.84	-16.06	0.01	0.0	70.0	111.46	0.29	-0.07	0.98	-10.92	9.48
						140.0	115.79	0.29	-0.07	0.98	-16.06	29.80
245	11	250.50	-1.71	-0.01	0.0	0.0	473.36	2.35	-0.79	10.90	-1.71	-79.02
		-79.02	-112.45	0.02	0.0	70.0	478.98	2.35	-0.79	10.90	-57.08	85.74
						140.0	484.60	2.35	-0.79	10.90	-112.45	250.50
245	14	223.41	-0.47	-0.01	0.0	0.0	412.55	2.10	-0.71	9.78	-0.47	-70.20
		-70.20	-99.79	0.01	0.0	70.0	416.88	2.10	-0.71	9.78	-50.13	76.60
						140.0	421.20	2.10	-0.71	9.78	-99.79	223.41
245	20	61.78	37.47	-0.01	0.0	0.0	140.88	-0.88	0.52	2.17	-36.00	61.78
		-61.37	-36.00	0.01	0.0	70.0	145.20	-0.88	0.52	2.17	0.73	0.21
						140.0	149.52	-0.88	0.52	2.17	37.47	-61.37
245	21	164.85	25.65	-4.78e-03	0.0	0.0	142.83	1.87	-0.81	1.79	25.65	-96.90
		-96.90	-88.60	0.01	0.0	70.0	147.16	1.87	-0.81	1.79	-31.48	33.97
						140.0	151.48	1.87	-0.81	1.79	-88.60	164.85
245	27	87.73	5.60	-0.02	0.0	0.0	141.05	-1.71	-0.35	1.95	5.60	87.73
		-152.08	-43.84	5.26e-03	0.0	70.0	145.38	-1.71	-0.35	1.95	-19.12	-32.18
						140.0	149.70	-1.71	-0.35	1.95	-43.84	-152.08
245	30	255.56	-7.29	-3.21e-03	0.0	0.0	142.66	2.70	0.06	2.01	-15.95	-122.85
		-122.85	-15.95	0.02	0.0	70.0	146.98	2.70	0.06	2.01	-11.62	66.36
						140.0	151.30	2.70	0.06	2.01	-7.29	255.56
245	44	117.58	148.57	-9.34e-03	0.0	0.0	141.46	1.01	1.71	0.85	-91.10	-23.81
		-23.81	-91.10	0.01	0.0	70.0	145.78	1.01	1.71	0.85	28.74	46.89
						140.0	150.10	1.01	1.71	0.85	148.57	117.58
245	45	-11.31	80.74	-9.12e-03	0.0	0.0	142.26	-0.02	-2.00	3.11	80.74	-11.31
		-14.11	-199.70	8.56e-03	0.0	70.0	146.58	-0.02	-2.00	3.11	-59.48	-12.71
						140.0	150.90	-0.02	-2.00	3.11	-199.70	-14.11
245	52	90.03	59.91	-0.02	0.0	0.0	140.53	-1.37	0.76	2.24	-46.97	90.03
		-101.64	-46.97	0.01	0.0	70.0	144.85	-1.37	0.76	2.24	6.47	-5.80
						140.0	149.17	-1.37	0.76	2.24	59.91	-101.64
245	53	205.12	36.62	-3.19e-03	0.0	0.0	143.18	2.36	-1.05	1.72	36.62	-125.15
		-125.15	-111.04	0.01	0.0	70.0	147.50	2.36	-1.05	1.72	-37.21	39.98
						140.0	151.83	2.36	-1.05	1.72	-111.04	205.12
245	59	125.21	9.43	-0.02	0.0	0.0	140.77	-2.50	-0.43	1.94	9.43	125.21
		-224.64	-50.35	3.43e-03	0.0	70.0	145.09	-2.50	-0.43	1.94	-20.46	-49.71
						140.0	149.41	-2.50	-0.43	1.94	-50.35	-224.64
245	62	328.12	-0.78	-1.19e-03	0.0	0.0	142.94	3.49	0.14	2.01	-19.79	-160.33
		-160.33	-19.79	0.02	0.0	70.0	147.27	3.49	0.14	2.01	-10.28	83.89
						140.0	151.59	3.49	0.14	2.01	-0.78	328.12
245	76	141.03	210.57	-9.38e-03	0.0	0.0	141.31	1.19	2.37	0.45	-121.69	-26.03
		-26.03	-121.69	0.01	0.0	70.0	145.63	1.19	2.37	0.45	44.44	57.50
						140.0	149.96	1.19	2.37	0.45	210.57	141.03
245	77	-9.09	111.33	-9.08e-03	0.0	0.0	142.40	-0.20	-2.66	3.51	111.33	-9.09
		-37.55	-261.69	8.32e-03	0.0	70.0	146.72	-0.20	-2.66	3.51	-75.18	-23.32
						140.0	151.04	-0.20	-2.66	3.51	-261.69	-37.55
245	79	37.69	-5.56	-8.41e-03	0.0	0.0	119.61	0.36	-0.10	1.34	-5.56	-13.26
		-13.26	-19.47	0.01	0.0	70.0	123.93	0.36	-0.10	1.34	-12.52	12.22
						140.0	128.25	0.36	-0.10	1.34	-19.47	37.69
245	85	166.76	-2.02	-0.01	0.0	0.0	323.21	1.57	-0.52	7.20	-2.02	-52.83
		-52.83	-75.29	0.01	0.0	70.0	327.53	1.57	-0.52	7.20	-38.66	56.96
						140.0	331.86	1.57	-0.52	7.20	-75.29	166.76
245	86	37.69	-5.56	-8.41e-03	0.0	0.0	119.61	0.36	-0.10	1.34	-5.56	-13.26
		-13.26	-19.47	0.01	0.0	70.0	123.93	0.36	-0.10	1.34	-12.52	12.22
						140.0	128.25	0.36	-0.10	1.34	-19.47	37.69
245	90	71.00	-4.65	-9.31e-03	0.0	0.0	172.19	0.67	-0.21	2.85	-4.65	-23.47
		-23.47	-33.89	0.01	0.0	70.0	176.52	0.67	-0.21	2.85	-19.27	23.76

245	91	37.69	-5.56	-8.41e-03	0.0	140.0	180.84	0.67	-0.21	2.85	-33.89	71.00
		-13.26	-19.47	0.01	0.0	0.0	119.61	0.36	-0.10	1.34	-5.56	-13.26
245	92					70.0	123.93	0.36	-0.10	1.34	-12.52	12.22
						140.0	128.25	0.36	-0.10	1.34	-19.47	37.69
		51.74	-5.18	-9.23e-03	0.0	0.0	141.86	0.49	-0.15	1.98	-5.18	-17.56
		-17.56	-25.56	0.01	0.0	70.0	146.18	0.49	-0.15	1.98	-15.37	17.09
						140.0	150.50	0.49	-0.15	1.98	-25.56	51.74

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-1801.02	-261.69	-1.06	0.0	95.93	-18.05	-2.66	-50.21
	1643.11	210.57	1.07	0.0	541.97	16.41	2.37	51.11

Trave	Cmb	M3 mx/mn daN cm	M2 mx/mn daN cm	D 2 / D 3 cm	Q 2 / Q 3 daN	Pos. cm	N daN	V 2 daN	V 3 daN	T daN cm	M 2 daN cm	M 3 daN cm
1	4	5890.69	0.0	0.0	-645.55	0.0	-309.54	322.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-309.54	-6.54e-06	0.0	0.0	0.0	5890.69
						73.0	-309.54	-322.78	0.0	0.0	0.0	0.0
1	5	3366.75	0.0	0.0	-368.96	0.0	-116.28	184.48	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-116.28	-4.07e-06	0.0	0.0	0.0	3366.75
						73.0	-116.28	-184.48	0.0	0.0	0.0	0.0
1	27	3699.48	0.0	0.0	-405.42	0.0	-452.10	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-452.10	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-452.10	-202.71	0.0	0.0	0.0	0.0
1	30	3699.48	0.0	0.0	-405.42	0.0	145.22	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	145.22	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	145.22	-202.71	0.0	0.0	0.0	0.0
1	59	3699.48	0.0	0.0	-405.42	0.0	-558.42	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-558.42	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-558.42	-202.71	0.0	0.0	0.0	0.0
1	62	3699.48	0.0	0.0	-405.42	0.0	251.54	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	251.54	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	251.54	-202.71	0.0	0.0	0.0	0.0
1	79	3422.20	0.0	0.0	-375.04	0.0	-127.54	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-127.54	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-127.54	-187.52	0.0	0.0	0.0	0.0
1	82	4346.45	0.0	0.0	-476.32	0.0	-215.86	238.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-215.86	-4.88e-06	0.0	0.0	0.0	4346.45
						73.0	-215.86	-238.16	0.0	0.0	0.0	0.0
1	86	3422.20	0.0	0.0	-375.04	0.0	-127.54	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-127.54	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-127.54	-187.52	0.0	0.0	0.0	0.0
1	87	3884.33	0.0	0.0	-425.68	0.0	-170.71	212.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-170.71	-4.50e-06	0.0	0.0	0.0	3884.33
						73.0	-170.71	-212.84	0.0	0.0	0.0	0.0
1	91	3422.20	0.0	0.0	-375.04	0.0	-127.54	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-127.54	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-127.54	-187.52	0.0	0.0	0.0	0.0
1	92	3699.48	0.0	0.0	-405.42	0.0	-153.44	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-153.44	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-153.44	-202.71	0.0	0.0	0.0	0.0
2	1	877.50	0.0	0.0	-140.40	0.0	52.19	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	52.19	0.0	0.0	0.0	0.0	877.50
						50.0	52.19	-70.20	0.0	0.0	0.0	0.0
2	14	675.00	0.0	0.0	-108.00	0.0	-5.94	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-5.94	0.0	0.0	0.0	0.0	675.00
						50.0	-5.94	-54.00	0.0	0.0	0.0	0.0
2	31	675.00	0.0	0.0	-108.00	0.0	59.36	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	59.36	0.0	0.0	0.0	0.0	675.00
						50.0	59.36	-54.00	0.0	0.0	0.0	0.0
2	34	675.00	0.0	0.0	-108.00	0.0	20.45	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	20.45	0.0	0.0	0.0	0.0	675.00
						50.0	20.45	-54.00	0.0	0.0	0.0	0.0
2	63	675.00	0.0	0.0	-108.00	0.0	66.28	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	66.28	0.0	0.0	0.0	0.0	675.00
						50.0	66.28	-54.00	0.0	0.0	0.0	0.0
2	66	675.00	0.0	0.0	-108.00	0.0	13.52	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	13.52	0.0	0.0	0.0	0.0	675.00
						50.0	13.52	-54.00	0.0	0.0	0.0	0.0
2	79	675.00	0.0	0.0	-108.00	0.0	41.77	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	41.77	0.0	0.0	0.0	0.0	675.00
						50.0	41.77	-54.00	0.0	0.0	0.0	0.0
2	85	675.00	0.0	0.0	-108.00	0.0	8.56	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	8.56	0.0	0.0	0.0	0.0	675.00
						50.0	8.56	-54.00	0.0	0.0	0.0	0.0
2	86	675.00	0.0	0.0	-108.00	0.0	41.77	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	41.77	0.0	0.0	0.0	0.0	675.00

						50.0	41.77	-54.00	0.0	0.0	0.0	0.0
2	90	675.00	0.0	0.0	-108.00	0.0	34.13	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	34.13	0.0	0.0	0.0	0.0	675.00
						50.0	34.13	-54.00	0.0	0.0	0.0	0.0
2	91	675.00	0.0	0.0	-108.00	0.0	41.77	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	41.77	0.0	0.0	0.0	0.0	675.00
						50.0	41.77	-54.00	0.0	0.0	0.0	0.0
2	92	675.00	0.0	0.0	-108.00	0.0	39.90	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	39.90	0.0	0.0	0.0	0.0	675.00
						50.0	39.90	-54.00	0.0	0.0	0.0	0.0
3	1	1420.86	0.0	0.0	-277.24	0.0	98.11	138.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	98.11	0.0	0.0	0.0	0.0	1420.86
						41.0	98.11	-138.62	0.0	0.0	0.0	0.0
3	14	1368.15	0.0	0.0	-266.96	0.0	30.70	133.48	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	30.70	0.0	0.0	0.0	0.0	1368.15
						41.0	30.70	-133.48	0.0	0.0	0.0	0.0
3	20	1166.98	0.0	0.0	-227.70	0.0	40.84	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	40.84	0.0	0.0	0.0	0.0	1166.98
						41.0	40.84	-113.85	0.0	0.0	0.0	0.0
3	21	1166.98	0.0	0.0	-227.70	0.0	107.34	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	107.34	0.0	0.0	0.0	0.0	1166.98
						41.0	107.34	-113.85	0.0	0.0	0.0	0.0
3	52	1166.98	0.0	0.0	-227.70	0.0	29.01	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	29.01	0.0	0.0	0.0	0.0	1166.98
						41.0	29.01	-113.85	0.0	0.0	0.0	0.0
3	53	1166.98	0.0	0.0	-227.70	0.0	119.18	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	119.18	0.0	0.0	0.0	0.0	1166.98
						41.0	119.18	-113.85	0.0	0.0	0.0	0.0
3	79	1079.51	0.0	0.0	-210.64	0.0	76.15	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	76.15	0.0	0.0	0.0	0.0	1079.51
						41.0	76.15	-105.32	0.0	0.0	0.0	0.0
3	85	1283.60	0.0	0.0	-250.46	0.0	45.26	125.23	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	45.26	0.0	0.0	0.0	0.0	1283.60
						41.0	45.26	-125.23	0.0	0.0	0.0	0.0
3	86	1079.51	0.0	0.0	-210.64	0.0	76.15	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	76.15	0.0	0.0	0.0	0.0	1079.51
						41.0	76.15	-105.32	0.0	0.0	0.0	0.0
3	90	1166.98	0.0	0.0	-227.70	0.0	68.87	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	68.87	0.0	0.0	0.0	0.0	1166.98
						41.0	68.87	-113.85	0.0	0.0	0.0	0.0
3	91	1079.51	0.0	0.0	-210.64	0.0	76.15	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	76.15	0.0	0.0	0.0	0.0	1079.51
						41.0	76.15	-105.32	0.0	0.0	0.0	0.0
3	92	1166.98	0.0	0.0	-227.70	0.0	74.09	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	74.09	0.0	0.0	0.0	0.0	1166.98
						41.0	74.09	-113.85	0.0	0.0	0.0	0.0
4	5	522.72	0.0	0.0	-95.04	0.0	-215.18	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-215.18	0.0	0.0	0.0	0.0	522.72
						44.0	-215.18	-47.52	0.0	0.0	0.0	0.0
4	11	679.54	0.0	0.0	-123.55	0.0	-425.08	61.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-425.08	0.0	0.0	0.0	0.0	679.54
						44.0	-425.08	-61.78	0.0	0.0	0.0	0.0
4	40	522.72	0.0	0.0	-95.04	0.0	-318.30	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-318.30	0.0	0.0	0.0	0.0	522.72
						44.0	-318.30	-47.52	0.0	0.0	0.0	0.0
4	41	522.72	0.0	0.0	-95.04	0.0	-162.65	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-162.65	0.0	0.0	0.0	0.0	522.72
						44.0	-162.65	-47.52	0.0	0.0	0.0	0.0
4	72	522.72	0.0	0.0	-95.04	0.0	-346.01	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-346.01	0.0	0.0	0.0	0.0	522.72
						44.0	-346.01	-47.52	0.0	0.0	0.0	0.0
4	73	522.72	0.0	0.0	-95.04	0.0	-134.94	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-134.94	0.0	0.0	0.0	0.0	522.72
						44.0	-134.94	-47.52	0.0	0.0	0.0	0.0
4	79	522.72	0.0	0.0	-95.04	0.0	-224.12	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-224.12	0.0	0.0	0.0	0.0	522.72
						44.0	-224.12	-47.52	0.0	0.0	0.0	0.0
4	85	522.72	0.0	0.0	-95.04	0.0	-307.31	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-307.31	0.0	0.0	0.0	0.0	522.72
						44.0	-307.31	-47.52	0.0	0.0	0.0	0.0
4	86	522.72	0.0	0.0	-95.04	0.0	-224.12	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-224.12	0.0	0.0	0.0	0.0	522.72
						44.0	-224.12	-47.52	0.0	0.0	0.0	0.0
4	87	522.72	0.0	0.0	-95.04	0.0	-251.38	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-251.38	0.0	0.0	0.0	0.0	522.72
						44.0	-251.38	-47.52	0.0	0.0	0.0	0.0
4	91	522.72	0.0	0.0	-95.04	0.0	-224.12	47.52	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	22.0	-224.12	0.0	0.0	0.0	0.0	522.72
						44.0	-224.12	-47.52	0.0	0.0	0.0	0.0
4	92	522.72	0.0	0.0	-95.04	0.0	-240.48	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-240.48	0.0	0.0	0.0	0.0	522.72
						44.0	-240.48	-47.52	0.0	0.0	0.0	0.0
5	4	2763.51	0.0	0.0	-442.16	0.0	-55.92	221.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-55.92	-3.60e-06	0.0	0.0	0.0	2763.51
						50.0	-55.92	-221.08	0.0	0.0	0.0	0.0
5	5	1579.45	0.0	0.0	-252.71	0.0	18.43	126.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	18.43	-2.77e-06	0.0	0.0	0.0	1579.45
						50.0	18.43	-126.36	0.0	0.0	0.0	0.0
5	23	1735.54	0.0	0.0	-277.69	0.0	-21.98	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-21.98	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-21.98	-138.84	0.0	0.0	0.0	0.0
5	26	1735.54	0.0	0.0	-277.69	0.0	27.04	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	27.04	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	27.04	-138.84	0.0	0.0	0.0	0.0
5	55	1735.54	0.0	0.0	-277.69	0.0	-30.71	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-30.71	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-30.71	-138.84	0.0	0.0	0.0	0.0
5	58	1735.54	0.0	0.0	-277.69	0.0	35.76	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	35.76	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	35.76	-138.84	0.0	0.0	0.0	0.0
5	79	1605.46	0.0	0.0	-256.87	0.0	14.08	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	14.08	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	14.08	-128.44	0.0	0.0	0.0	0.0
5	82	2039.06	0.0	0.0	-326.25	0.0	-32.50	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-32.50	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	-32.50	-163.12	0.0	0.0	0.0	0.0
5	86	1605.46	0.0	0.0	-256.87	0.0	14.08	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	14.08	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	14.08	-128.44	0.0	0.0	0.0	0.0
5	87	1822.26	0.0	0.0	-291.56	0.0	-5.17	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-5.17	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	-5.17	-145.78	0.0	0.0	0.0	0.0
5	91	1605.46	0.0	0.0	-256.87	0.0	14.08	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	14.08	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	14.08	-128.44	0.0	0.0	0.0	0.0
5	92	1735.54	0.0	0.0	-277.69	0.0	2.53	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	2.53	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	2.53	-138.84	0.0	0.0	0.0	0.0
6	3	689.87	0.0	0.0	-124.49	0.0	27.78	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	27.78	1.39e-06	0.0	0.0	0.0	689.87
						44.3	27.78	-62.24	0.0	0.0	0.0	0.0
6	12	530.67	0.0	0.0	-95.76	0.0	8.47	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	8.47	1.07e-06	0.0	0.0	0.0	530.67
						44.3	8.47	-47.88	0.0	0.0	0.0	0.0
6	31	530.67	0.0	0.0	-95.76	0.0	36.31	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	36.31	1.07e-06	0.0	0.0	0.0	530.67
						44.3	36.31	-47.88	0.0	0.0	0.0	0.0
6	34	530.67	0.0	0.0	-95.76	0.0	-1.67	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-1.67	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-1.67	-47.88	0.0	0.0	0.0	0.0
6	63	530.67	0.0	0.0	-95.76	0.0	43.07	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	43.07	1.07e-06	0.0	0.0	0.0	530.67
						44.3	43.07	-47.88	0.0	0.0	0.0	0.0
6	66	530.67	0.0	0.0	-95.76	0.0	-8.43	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-8.43	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-8.43	-47.88	0.0	0.0	0.0	0.0
6	81	530.67	0.0	0.0	-95.76	0.0	20.74	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	20.74	1.07e-06	0.0	0.0	0.0	530.67
						44.3	20.74	-47.88	0.0	0.0	0.0	0.0
6	83	530.67	0.0	0.0	-95.76	0.0	10.83	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	10.83	1.07e-06	0.0	0.0	0.0	530.67
						44.3	10.83	-47.88	0.0	0.0	0.0	0.0
6	87	530.67	0.0	0.0	-95.76	0.0	18.29	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	18.29	1.07e-06	0.0	0.0	0.0	530.67
						44.3	18.29	-47.88	0.0	0.0	0.0	0.0
6	88	530.67	0.0	0.0	-95.76	0.0	14.85	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	14.85	1.07e-06	0.0	0.0	0.0	530.67
						44.3	14.85	-47.88	0.0	0.0	0.0	0.0
6	91	530.67	0.0	0.0	-95.76	0.0	15.85	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	15.85	1.07e-06	0.0	0.0	0.0	530.67
						44.3	15.85	-47.88	0.0	0.0	0.0	0.0
6	92	530.67	0.0	0.0	-95.76	0.0	17.32	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	17.32	1.07e-06	0.0	0.0	0.0	530.67
						44.3	17.32	-47.88	0.0	0.0	0.0	0.0

7	4	3374.31	0.0	0.0	-488.59	0.0	-212.51	244.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-212.51	0.0	0.0	0.0	0.0	3374.31
						55.2	-212.51	-244.29	0.0	0.0	0.0	0.0
7	5	1928.54	0.0	0.0	-279.25	0.0	-103.11	139.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-103.11	-2.12e-06	0.0	0.0	0.0	1928.54
						55.2	-103.11	-139.62	0.0	0.0	0.0	0.0
7	31	2119.14	0.0	0.0	-306.84	0.0	-252.67	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-252.67	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-252.67	-153.42	0.0	0.0	0.0	0.0
7	34	2119.14	0.0	0.0	-306.84	0.0	17.46	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	17.46	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	17.46	-153.42	0.0	0.0	0.0	0.0
7	63	2119.14	0.0	0.0	-306.84	0.0	-300.76	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-300.76	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-300.76	-153.42	0.0	0.0	0.0	0.0
7	66	2119.14	0.0	0.0	-306.84	0.0	65.55	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	65.55	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	65.55	-153.42	0.0	0.0	0.0	0.0
7	79	1960.31	0.0	0.0	-283.85	0.0	-106.83	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-106.83	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-106.83	-141.92	0.0	0.0	0.0	0.0
7	82	2489.74	0.0	0.0	-360.50	0.0	-153.44	180.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-153.44	0.0	0.0	0.0	0.0	2489.74
						55.2	-153.44	-180.25	0.0	0.0	0.0	0.0
7	86	1960.31	0.0	0.0	-283.85	0.0	-106.83	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-106.83	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-106.83	-141.92	0.0	0.0	0.0	0.0
7	87	2225.02	0.0	0.0	-322.18	0.0	-124.79	161.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-124.79	-1.38e-06	0.0	0.0	0.0	2225.02
						55.2	-124.79	-161.09	0.0	0.0	0.0	0.0
7	91	1960.31	0.0	0.0	-283.85	0.0	-106.83	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-106.83	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-106.83	-141.92	0.0	0.0	0.0	0.0
7	92	2119.14	0.0	0.0	-306.84	0.0	-117.60	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-117.60	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-117.60	-153.42	0.0	0.0	0.0	0.0
8	7	1499.34	0.0	0.0	-292.55	0.0	79.94	146.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	79.94	0.0	0.0	0.0	0.0	1499.34
						41.0	79.94	-146.28	0.0	0.0	0.0	0.0
8	9	1420.86	0.0	0.0	-277.24	0.0	110.11	138.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	110.11	0.0	0.0	0.0	0.0	1420.86
						41.0	110.11	-138.62	0.0	0.0	0.0	0.0
8	20	1166.98	0.0	0.0	-227.70	0.0	25.89	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	25.89	0.0	0.0	0.0	0.0	1166.98
						41.0	25.89	-113.85	0.0	0.0	0.0	0.0
8	21	1166.98	0.0	0.0	-227.70	0.0	140.31	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	140.31	0.0	0.0	0.0	0.0	1166.98
						41.0	140.31	-113.85	0.0	0.0	0.0	0.0
8	52	1166.98	0.0	0.0	-227.70	0.0	5.52	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	5.52	0.0	0.0	0.0	0.0	1166.98
						41.0	5.52	-113.85	0.0	0.0	0.0	0.0
8	53	1166.98	0.0	0.0	-227.70	0.0	160.68	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	160.68	0.0	0.0	0.0	0.0	1166.98
						41.0	160.68	-113.85	0.0	0.0	0.0	0.0
8	81	1371.06	0.0	0.0	-267.52	0.0	81.30	133.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	81.30	0.0	0.0	0.0	0.0	1371.06
						41.0	81.30	-133.76	0.0	0.0	0.0	0.0
8	83	1079.51	0.0	0.0	-210.64	0.0	84.54	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	84.54	0.0	0.0	0.0	0.0	1079.51
						41.0	84.54	-105.32	0.0	0.0	0.0	0.0
8	87	1225.29	0.0	0.0	-239.08	0.0	82.59	119.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	82.59	0.0	0.0	0.0	0.0	1225.29
						41.0	82.59	-119.54	0.0	0.0	0.0	0.0
8	88	1079.51	0.0	0.0	-210.64	0.0	84.00	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	84.00	0.0	0.0	0.0	0.0	1079.51
						41.0	84.00	-105.32	0.0	0.0	0.0	0.0
8	91	1079.51	0.0	0.0	-210.64	0.0	83.87	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	83.87	0.0	0.0	0.0	0.0	1079.51
						41.0	83.87	-105.32	0.0	0.0	0.0	0.0
8	92	1166.98	0.0	0.0	-227.70	0.0	83.10	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	83.10	0.0	0.0	0.0	0.0	1166.98
						41.0	83.10	-113.85	0.0	0.0	0.0	0.0
9	5	2003.43	0.0	0.0	-284.62	0.0	334.17	142.31	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	334.17	-1.09e-06	0.0	0.0	0.0	2003.43
						56.3	334.17	-142.31	0.0	0.0	0.0	0.0
9	11	3257.84	0.0	0.0	-462.82	0.0	486.84	231.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	486.84	-2.88e-06	0.0	0.0	0.0	3257.84

						56.3	486.84	-231.41	0.0	0.0	0.0	0.0
9	31	2201.43	0.0	0.0	-312.74	0.0	443.46	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	443.46	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	443.46	-156.37	0.0	0.0	0.0	0.0
9	34	2201.43	0.0	0.0	-312.74	0.0	242.97	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	242.97	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	242.97	-156.37	0.0	0.0	0.0	0.0
9	63	2201.43	0.0	0.0	-312.74	0.0	479.15	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	479.15	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	479.15	-156.37	0.0	0.0	0.0	0.0
9	66	2201.43	0.0	0.0	-312.74	0.0	207.29	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	207.29	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	207.29	-156.37	0.0	0.0	0.0	0.0
9	79	2036.43	0.0	0.0	-289.30	0.0	336.93	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	336.93	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	336.93	-144.65	0.0	0.0	0.0	0.0
9	85	2421.42	0.0	0.0	-344.00	0.0	367.64	172.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	367.64	-2.09e-06	0.0	0.0	0.0	2421.42
						56.3	367.64	-172.00	0.0	0.0	0.0	0.0
9	86	2036.43	0.0	0.0	-289.30	0.0	336.93	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	336.93	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	336.93	-144.65	0.0	0.0	0.0	0.0
9	87	2311.42	0.0	0.0	-328.37	0.0	347.41	164.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	347.41	-1.79e-06	0.0	0.0	0.0	2311.42
						56.3	347.41	-164.19	0.0	0.0	0.0	0.0
9	91	2036.43	0.0	0.0	-289.30	0.0	336.93	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	336.93	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	336.93	-144.65	0.0	0.0	0.0	0.0
9	92	2201.43	0.0	0.0	-312.74	0.0	343.22	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	343.22	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	343.22	-156.37	0.0	0.0	0.0	0.0
10	4	689.87	0.0	0.0	-124.49	0.0	125.35	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	125.35	1.39e-06	0.0	0.0	0.0	689.87
						44.3	125.35	-62.24	0.0	0.0	0.0	0.0
10	5	530.67	0.0	0.0	-95.76	0.0	77.37	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	77.37	1.07e-06	0.0	0.0	0.0	530.67
						44.3	77.37	-47.88	0.0	0.0	0.0	0.0
10	15	530.67	0.0	0.0	-95.76	0.0	114.42	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	114.42	1.07e-06	0.0	0.0	0.0	530.67
						44.3	114.42	-47.88	0.0	0.0	0.0	0.0
10	18	530.67	0.0	0.0	-95.76	0.0	50.68	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	50.68	1.07e-06	0.0	0.0	0.0	530.67
						44.3	50.68	-47.88	0.0	0.0	0.0	0.0
10	47	530.67	0.0	0.0	-95.76	0.0	125.76	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	125.76	1.07e-06	0.0	0.0	0.0	530.67
						44.3	125.76	-47.88	0.0	0.0	0.0	0.0
10	50	530.67	0.0	0.0	-95.76	0.0	39.33	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	39.33	1.07e-06	0.0	0.0	0.0	530.67
						44.3	39.33	-47.88	0.0	0.0	0.0	0.0
10	79	530.67	0.0	0.0	-95.76	0.0	78.38	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	78.38	1.07e-06	0.0	0.0	0.0	530.67
						44.3	78.38	-47.88	0.0	0.0	0.0	0.0
10	82	530.67	0.0	0.0	-95.76	0.0	93.35	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	93.35	1.07e-06	0.0	0.0	0.0	530.67
						44.3	93.35	-47.88	0.0	0.0	0.0	0.0
10	86	530.67	0.0	0.0	-95.76	0.0	78.38	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	78.38	1.07e-06	0.0	0.0	0.0	530.67
						44.3	78.38	-47.88	0.0	0.0	0.0	0.0
10	87	530.67	0.0	0.0	-95.76	0.0	85.33	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	85.33	1.07e-06	0.0	0.0	0.0	530.67
						44.3	85.33	-47.88	0.0	0.0	0.0	0.0
10	91	530.67	0.0	0.0	-95.76	0.0	78.38	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	78.38	1.07e-06	0.0	0.0	0.0	530.67
						44.3	78.38	-47.88	0.0	0.0	0.0	0.0
10	92	530.67	0.0	0.0	-95.76	0.0	82.55	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	82.55	1.07e-06	0.0	0.0	0.0	530.67
						44.3	82.55	-47.88	0.0	0.0	0.0	0.0
11	4	3782.96	0.0	0.0	-517.33	0.0	-238.98	258.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-238.98	0.0	0.0	0.0	0.0	3782.96
						58.5	-238.98	-258.66	0.0	0.0	0.0	0.0
11	5	2162.10	0.0	0.0	-295.67	0.0	-125.73	147.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-125.73	2.43e-06	0.0	0.0	0.0	2162.10
						58.5	-125.73	-147.84	0.0	0.0	0.0	0.0
11	31	2375.78	0.0	0.0	-324.89	0.0	-254.54	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-254.54	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-254.54	-162.45	0.0	0.0	0.0	0.0
11	34	2375.78	0.0	0.0	-324.89	0.0	-25.29	162.45	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	29.2	-25.29	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-25.29	-162.45	0.0	0.0	0.0	0.0
11	63	2375.78	0.0	0.0	-324.89	0.0	-295.35	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-295.35	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-295.35	-162.45	0.0	0.0	0.0	0.0
11	66	2375.78	0.0	0.0	-324.89	0.0	15.52	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	15.52	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	15.52	-162.45	0.0	0.0	0.0	0.0
11	79	2197.72	0.0	0.0	-300.54	0.0	-129.24	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-129.24	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-129.24	-150.27	0.0	0.0	0.0	0.0
11	82	2791.26	0.0	0.0	-381.71	0.0	-174.21	190.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-174.21	0.0	0.0	0.0	0.0	2791.26
						58.5	-174.21	-190.86	0.0	0.0	0.0	0.0
11	86	2197.72	0.0	0.0	-300.54	0.0	-129.24	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-129.24	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-129.24	-150.27	0.0	0.0	0.0	0.0
11	87	2494.49	0.0	0.0	-341.13	0.0	-147.03	170.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-147.03	1.57e-06	0.0	0.0	0.0	2494.49
						58.5	-147.03	-170.56	0.0	0.0	0.0	0.0
11	91	2197.72	0.0	0.0	-300.54	0.0	-129.24	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-129.24	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-129.24	-150.27	0.0	0.0	0.0	0.0
11	92	2375.78	0.0	0.0	-324.89	0.0	-139.91	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-139.91	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-139.91	-162.45	0.0	0.0	0.0	0.0
12	1	2113.12	0.0	0.0	-338.10	0.0	22.55	169.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	22.55	-3.60e-06	0.0	0.0	0.0	2113.12
						50.0	22.55	-169.05	0.0	0.0	0.0	0.0
12	8	2229.84	0.0	0.0	-356.77	0.0	-22.44	178.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-22.44	-2.77e-06	0.0	0.0	0.0	2229.84
						50.0	-22.44	-178.39	0.0	0.0	0.0	0.0
12	24	1735.54	0.0	0.0	-277.69	0.0	-22.04	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-22.04	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-22.04	-138.84	0.0	0.0	0.0	0.0
12	25	1735.54	0.0	0.0	-277.69	0.0	44.89	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	44.89	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	44.89	-138.84	0.0	0.0	0.0	0.0
12	56	1735.54	0.0	0.0	-277.69	0.0	-33.95	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-33.95	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-33.95	-138.84	0.0	0.0	0.0	0.0
12	57	1735.54	0.0	0.0	-277.69	0.0	56.80	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	56.80	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	56.80	-138.84	0.0	0.0	0.0	0.0
12	79	1605.46	0.0	0.0	-256.87	0.0	19.48	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	19.48	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	19.48	-128.44	0.0	0.0	0.0	0.0
12	82	2039.06	0.0	0.0	-326.25	0.0	-10.32	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-10.32	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	-10.32	-163.12	0.0	0.0	0.0	0.0
12	86	1605.46	0.0	0.0	-256.87	0.0	19.48	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	19.48	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	19.48	-128.44	0.0	0.0	0.0	0.0
12	87	1822.26	0.0	0.0	-291.56	0.0	6.05	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	6.05	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	6.05	-145.78	0.0	0.0	0.0	0.0
12	91	1605.46	0.0	0.0	-256.87	0.0	19.48	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	19.48	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	19.48	-128.44	0.0	0.0	0.0	0.0
12	92	1735.54	0.0	0.0	-277.69	0.0	11.42	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	11.42	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	11.42	-138.84	0.0	0.0	0.0	0.0
13	1	1285.62	0.0	0.0	-263.72	0.0	72.49	131.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	72.49	0.0	0.0	0.0	0.0	1285.62
						39.0	72.49	-131.86	0.0	0.0	0.0	0.0
13	14	1237.92	0.0	0.0	-253.93	0.0	-0.07	126.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-0.07	0.0	0.0	0.0	0.0	1237.92
						39.0	-0.07	-126.97	0.0	0.0	0.0	0.0
13	31	1055.90	0.0	0.0	-216.60	0.0	-12.30	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-12.30	0.0	0.0	0.0	0.0	1055.90
						39.0	-12.30	-108.30	0.0	0.0	0.0	0.0
13	34	1055.90	0.0	0.0	-216.60	0.0	120.24	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	120.24	0.0	0.0	0.0	0.0	1055.90
						39.0	120.24	-108.30	0.0	0.0	0.0	0.0
13	63	1055.90	0.0	0.0	-216.60	0.0	-35.89	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-35.89	0.0	0.0	0.0	0.0	1055.90
						39.0	-35.89	-108.30	0.0	0.0	0.0	0.0

13	66	1055.90	0.0	0.0	-216.60	0.0	143.84	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	143.84	0.0	0.0	0.0	0.0	1055.90
						39.0	143.84	-108.30	0.0	0.0	0.0	0.0
13	79	976.76	0.0	0.0	-200.36	0.0	56.19	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	56.19	0.0	0.0	0.0	0.0	976.76
						39.0	56.19	-100.18	0.0	0.0	0.0	0.0
13	85	1161.42	0.0	0.0	-238.24	0.0	18.31	119.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	18.31	0.0	0.0	0.0	0.0	1161.42
						39.0	18.31	-119.12	0.0	0.0	0.0	0.0
13	86	976.76	0.0	0.0	-200.36	0.0	56.19	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	56.19	0.0	0.0	0.0	0.0	976.76
						39.0	56.19	-100.18	0.0	0.0	0.0	0.0
13	90	1055.90	0.0	0.0	-216.60	0.0	47.43	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	47.43	0.0	0.0	0.0	0.0	1055.90
						39.0	47.43	-108.30	0.0	0.0	0.0	0.0
13	91	976.76	0.0	0.0	-200.36	0.0	56.19	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	56.19	0.0	0.0	0.0	0.0	976.76
						39.0	56.19	-100.18	0.0	0.0	0.0	0.0
13	92	1055.90	0.0	0.0	-216.60	0.0	53.97	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	53.97	0.0	0.0	0.0	0.0	1055.90
						39.0	53.97	-108.30	0.0	0.0	0.0	0.0
14	5	2003.43	0.0	0.0	-284.62	0.0	307.88	142.31	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	307.88	-1.09e-06	0.0	0.0	0.0	2003.43
						56.3	307.88	-142.31	0.0	0.0	0.0	0.0
14	11	3257.84	0.0	0.0	-462.82	0.0	451.02	231.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	451.02	-2.88e-06	0.0	0.0	0.0	3257.84
						56.3	451.02	-231.41	0.0	0.0	0.0	0.0
14	31	2201.43	0.0	0.0	-312.74	0.0	409.90	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	409.90	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	409.90	-156.37	0.0	0.0	0.0	0.0
14	34	2201.43	0.0	0.0	-312.74	0.0	221.57	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	221.57	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	221.57	-156.37	0.0	0.0	0.0	0.0
14	63	2201.43	0.0	0.0	-312.74	0.0	443.43	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	443.43	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	443.43	-156.37	0.0	0.0	0.0	0.0
14	66	2201.43	0.0	0.0	-312.74	0.0	188.04	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	188.04	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	188.04	-156.37	0.0	0.0	0.0	0.0
14	79	2036.43	0.0	0.0	-289.30	0.0	310.33	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	310.33	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	310.33	-144.65	0.0	0.0	0.0	0.0
14	85	2421.42	0.0	0.0	-344.00	0.0	340.42	172.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	340.42	-2.09e-06	0.0	0.0	0.0	2421.42
						56.3	340.42	-172.00	0.0	0.0	0.0	0.0
14	86	2036.43	0.0	0.0	-289.30	0.0	310.33	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	310.33	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	310.33	-144.65	0.0	0.0	0.0	0.0
14	87	2311.42	0.0	0.0	-328.37	0.0	319.34	164.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	319.34	-1.79e-06	0.0	0.0	0.0	2311.42
						56.3	319.34	-164.19	0.0	0.0	0.0	0.0
14	91	2036.43	0.0	0.0	-289.30	0.0	310.33	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	310.33	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	310.33	-144.65	0.0	0.0	0.0	0.0
14	92	2201.43	0.0	0.0	-312.74	0.0	315.74	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	315.74	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	315.74	-156.37	0.0	0.0	0.0	0.0
15	3	689.87	0.0	0.0	-124.49	0.0	95.40	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	95.40	1.39e-06	0.0	0.0	0.0	689.87
						44.3	95.40	-62.24	0.0	0.0	0.0	0.0
15	12	530.67	0.0	0.0	-95.76	0.0	47.32	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	47.32	1.07e-06	0.0	0.0	0.0	530.67
						44.3	47.32	-47.88	0.0	0.0	0.0	0.0
15	15	530.67	0.0	0.0	-95.76	0.0	98.37	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	98.37	1.07e-06	0.0	0.0	0.0	530.67
						44.3	98.37	-47.88	0.0	0.0	0.0	0.0
15	18	530.67	0.0	0.0	-95.76	0.0	32.86	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	32.86	1.07e-06	0.0	0.0	0.0	530.67
						44.3	32.86	-47.88	0.0	0.0	0.0	0.0
15	47	530.67	0.0	0.0	-95.76	0.0	110.03	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	110.03	1.07e-06	0.0	0.0	0.0	530.67
						44.3	110.03	-47.88	0.0	0.0	0.0	0.0
15	50	530.67	0.0	0.0	-95.76	0.0	21.20	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	21.20	1.07e-06	0.0	0.0	0.0	530.67
						44.3	21.20	-47.88	0.0	0.0	0.0	0.0
15	81	530.67	0.0	0.0	-95.76	0.0	71.98	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	71.98	1.07e-06	0.0	0.0	0.0	530.67

						44.3	71.98	-47.88	0.0	0.0	0.0	0.0
15	83	530.67	0.0	0.0	-95.76	0.0	52.51	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	52.51	1.07e-06	0.0	0.0	0.0	530.67
						44.3	52.51	-47.88	0.0	0.0	0.0	0.0
15	87	530.67	0.0	0.0	-95.76	0.0	67.43	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	67.43	1.07e-06	0.0	0.0	0.0	530.67
						44.3	67.43	-47.88	0.0	0.0	0.0	0.0
15	88	530.67	0.0	0.0	-95.76	0.0	60.81	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	60.81	1.07e-06	0.0	0.0	0.0	530.67
						44.3	60.81	-47.88	0.0	0.0	0.0	0.0
15	91	530.67	0.0	0.0	-95.76	0.0	62.89	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	62.89	1.07e-06	0.0	0.0	0.0	530.67
						44.3	62.89	-47.88	0.0	0.0	0.0	0.0
15	92	530.67	0.0	0.0	-95.76	0.0	65.62	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	65.62	1.07e-06	0.0	0.0	0.0	530.67
						44.3	65.62	-47.88	0.0	0.0	0.0	0.0
16	5	1195.48	0.0	0.0	-219.86	0.0	-196.00	109.93	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-196.00	-1.17e-06	0.0	0.0	0.0	1195.48
						43.5	-196.00	-109.93	0.0	0.0	0.0	0.0
16	11	1944.01	0.0	0.0	-357.52	0.0	-372.52	178.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-372.52	-1.24e-06	0.0	0.0	0.0	1944.01
						43.5	-372.52	-178.76	0.0	0.0	0.0	0.0
16	31	1313.63	0.0	0.0	-241.59	0.0	-197.16	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-197.16	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-197.16	-120.79	0.0	0.0	0.0	0.0
16	34	1313.63	0.0	0.0	-241.59	0.0	-227.50	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-227.50	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-227.50	-120.79	0.0	0.0	0.0	0.0
16	63	1313.63	0.0	0.0	-241.59	0.0	-191.76	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-191.76	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-191.76	-120.79	0.0	0.0	0.0	0.0
16	66	1313.63	0.0	0.0	-241.59	0.0	-232.91	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-232.91	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-232.91	-120.79	0.0	0.0	0.0	0.0
16	79	1215.17	0.0	0.0	-223.48	0.0	-201.19	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-201.19	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-201.19	-111.74	0.0	0.0	0.0	0.0
16	85	1444.90	0.0	0.0	-265.73	0.0	-271.71	132.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-271.71	0.0	0.0	0.0	0.0	1444.90
						43.5	-271.71	-132.86	0.0	0.0	0.0	0.0
16	86	1215.17	0.0	0.0	-223.48	0.0	-201.19	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-201.19	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-201.19	-111.74	0.0	0.0	0.0	0.0
16	90	1313.63	0.0	0.0	-241.59	0.0	-221.24	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-221.24	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-221.24	-120.79	0.0	0.0	0.0	0.0
16	91	1215.17	0.0	0.0	-223.48	0.0	-201.19	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-201.19	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-201.19	-111.74	0.0	0.0	0.0	0.0
16	92	1313.63	0.0	0.0	-241.59	0.0	-212.33	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-212.33	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-212.33	-120.79	0.0	0.0	0.0	0.0
17	5	1195.48	0.0	0.0	-219.86	0.0	-209.16	109.93	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-209.16	-1.17e-06	0.0	0.0	0.0	1195.48
						43.5	-209.16	-109.93	0.0	0.0	0.0	0.0
17	11	1944.01	0.0	0.0	-357.52	0.0	-328.53	178.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-328.53	-1.24e-06	0.0	0.0	0.0	1944.01
						43.5	-328.53	-178.76	0.0	0.0	0.0	0.0
17	15	1313.63	0.0	0.0	-241.59	0.0	-201.05	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-201.05	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-201.05	-120.79	0.0	0.0	0.0	0.0
17	18	1313.63	0.0	0.0	-241.59	0.0	-236.80	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-236.80	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-236.80	-120.79	0.0	0.0	0.0	0.0
17	47	1313.63	0.0	0.0	-241.59	0.0	-194.68	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-194.68	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-194.68	-120.79	0.0	0.0	0.0	0.0
17	50	1313.63	0.0	0.0	-241.59	0.0	-243.16	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-243.16	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-243.16	-120.79	0.0	0.0	0.0	0.0
17	79	1215.17	0.0	0.0	-223.48	0.0	-212.00	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-212.00	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-212.00	-111.74	0.0	0.0	0.0	0.0
17	85	1444.90	0.0	0.0	-265.73	0.0	-245.40	132.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-245.40	0.0	0.0	0.0	0.0	1444.90
						43.5	-245.40	-132.86	0.0	0.0	0.0	0.0
17	86	1215.17	0.0	0.0	-223.48	0.0	-212.00	111.74	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	21.8	-212.00	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-212.00	-111.74	0.0	0.0	0.0	0.0
17	87	1379.27	0.0	0.0	-253.66	0.0	-223.54	126.83	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-223.54	-1.03e-06	0.0	0.0	0.0	1379.27
						43.5	-223.54	-126.83	0.0	0.0	0.0	0.0
17	91	1215.17	0.0	0.0	-223.48	0.0	-212.00	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-212.00	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-212.00	-111.74	0.0	0.0	0.0	0.0
17	92	1313.63	0.0	0.0	-241.59	0.0	-218.92	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-218.92	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-218.92	-120.79	0.0	0.0	0.0	0.0
18	3	2763.51	0.0	0.0	-442.16	0.0	188.10	221.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	188.10	-3.60e-06	0.0	0.0	0.0	2763.51
						50.0	188.10	-221.08	0.0	0.0	0.0	0.0
18	12	1579.45	0.0	0.0	-252.71	0.0	114.28	126.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	114.28	-2.77e-06	0.0	0.0	0.0	1579.45
						50.0	114.28	-126.36	0.0	0.0	0.0	0.0
18	27	1735.54	0.0	0.0	-277.69	0.0	251.28	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	251.28	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	251.28	-138.84	0.0	0.0	0.0	0.0
18	30	1735.54	0.0	0.0	-277.69	0.0	24.99	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	24.99	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	24.99	-138.84	0.0	0.0	0.0	0.0
18	59	1735.54	0.0	0.0	-277.69	0.0	291.56	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	291.56	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	291.56	-138.84	0.0	0.0	0.0	0.0
18	62	1735.54	0.0	0.0	-277.69	0.0	-15.29	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-15.29	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-15.29	-138.84	0.0	0.0	0.0	0.0
18	81	2039.06	0.0	0.0	-326.25	0.0	142.68	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	142.68	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	142.68	-163.12	0.0	0.0	0.0	0.0
18	83	1605.46	0.0	0.0	-256.87	0.0	122.46	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	122.46	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	122.46	-128.44	0.0	0.0	0.0	0.0
18	87	1822.26	0.0	0.0	-291.56	0.0	139.44	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	139.44	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	139.44	-145.78	0.0	0.0	0.0	0.0
18	88	1605.46	0.0	0.0	-256.87	0.0	133.45	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	133.45	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	133.45	-128.44	0.0	0.0	0.0	0.0
18	91	1605.46	0.0	0.0	-256.87	0.0	136.19	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	136.19	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	136.19	-128.44	0.0	0.0	0.0	0.0
18	92	1735.54	0.0	0.0	-277.69	0.0	138.14	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	138.14	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	138.14	-138.84	0.0	0.0	0.0	0.0
19	1	1285.62	0.0	0.0	-263.72	0.0	64.85	131.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	64.85	0.0	0.0	0.0	0.0	1285.62
						39.0	64.85	-131.86	0.0	0.0	0.0	0.0
19	14	1237.92	0.0	0.0	-253.93	0.0	7.66	126.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	7.66	0.0	0.0	0.0	0.0	1237.92
						39.0	7.66	-126.97	0.0	0.0	0.0	0.0
19	31	1055.90	0.0	0.0	-216.60	0.0	-24.95	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-24.95	0.0	0.0	0.0	0.0	1055.90
						39.0	-24.95	-108.30	0.0	0.0	0.0	0.0
19	34	1055.90	0.0	0.0	-216.60	0.0	122.11	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	122.11	0.0	0.0	0.0	0.0	1055.90
						39.0	122.11	-108.30	0.0	0.0	0.0	0.0
19	63	1055.90	0.0	0.0	-216.60	0.0	-51.13	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-51.13	0.0	0.0	0.0	0.0	1055.90
						39.0	-51.13	-108.30	0.0	0.0	0.0	0.0
19	66	1055.90	0.0	0.0	-216.60	0.0	148.29	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	148.29	0.0	0.0	0.0	0.0	1055.90
						39.0	148.29	-108.30	0.0	0.0	0.0	0.0
19	79	976.76	0.0	0.0	-200.36	0.0	50.07	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	50.07	0.0	0.0	0.0	0.0	976.76
						39.0	50.07	-100.18	0.0	0.0	0.0	0.0
19	85	1161.42	0.0	0.0	-238.24	0.0	21.64	119.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	21.64	0.0	0.0	0.0	0.0	1161.42
						39.0	21.64	-119.12	0.0	0.0	0.0	0.0
19	86	976.76	0.0	0.0	-200.36	0.0	50.07	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	50.07	0.0	0.0	0.0	0.0	976.76
						39.0	50.07	-100.18	0.0	0.0	0.0	0.0
19	90	1055.90	0.0	0.0	-216.60	0.0	43.59	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	43.59	0.0	0.0	0.0	0.0	1055.90
						39.0	43.59	-108.30	0.0	0.0	0.0	0.0

19	91	976.76	0.0	0.0	-200.36	0.0	50.07	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	50.07	0.0	0.0	0.0	0.0	976.76
						39.0	50.07	-100.18	0.0	0.0	0.0	0.0
19	92	1055.90	0.0	0.0	-216.60	0.0	48.58	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	48.58	0.0	0.0	0.0	0.0	1055.90
						39.0	48.58	-108.30	0.0	0.0	0.0	0.0
20	5	1417.96	0.0	0.0	-239.44	0.0	234.45	119.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	234.45	0.0	0.0	0.0	0.0	1417.96
						47.4	234.45	-119.72	0.0	0.0	0.0	0.0
20	11	2305.79	0.0	0.0	-389.37	0.0	352.03	194.68	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	352.03	0.0	0.0	0.0	0.0	2305.79
						47.4	352.03	-194.68	0.0	0.0	0.0	0.0
20	31	1558.09	0.0	0.0	-263.11	0.0	327.25	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	327.25	0.0	0.0	0.0	0.0	1558.09
						47.4	327.25	-131.55	0.0	0.0	0.0	0.0
20	34	1558.09	0.0	0.0	-263.11	0.0	155.02	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	155.02	0.0	0.0	0.0	0.0	1558.09
						47.4	155.02	-131.55	0.0	0.0	0.0	0.0
20	63	1558.09	0.0	0.0	-263.11	0.0	357.91	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	357.91	0.0	0.0	0.0	0.0	1558.09
						47.4	357.91	-131.55	0.0	0.0	0.0	0.0
20	66	1558.09	0.0	0.0	-263.11	0.0	124.36	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	124.36	0.0	0.0	0.0	0.0	1558.09
						47.4	124.36	-131.55	0.0	0.0	0.0	0.0
20	79	1441.31	0.0	0.0	-243.39	0.0	236.58	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	236.58	0.0	0.0	0.0	0.0	1441.31
						47.4	236.58	-121.69	0.0	0.0	0.0	0.0
20	85	1713.80	0.0	0.0	-289.40	0.0	264.81	144.70	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	264.81	0.0	0.0	0.0	0.0	1713.80
						47.4	264.81	-144.70	0.0	0.0	0.0	0.0
20	86	1441.31	0.0	0.0	-243.39	0.0	236.58	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	236.58	0.0	0.0	0.0	0.0	1441.31
						47.4	236.58	-121.69	0.0	0.0	0.0	0.0
20	90	1558.09	0.0	0.0	-263.11	0.0	244.65	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	244.65	0.0	0.0	0.0	0.0	1558.09
						47.4	244.65	-131.55	0.0	0.0	0.0	0.0
20	91	1441.31	0.0	0.0	-243.39	0.0	236.58	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	236.58	0.0	0.0	0.0	0.0	1441.31
						47.4	236.58	-121.69	0.0	0.0	0.0	0.0
20	92	1558.09	0.0	0.0	-263.11	0.0	241.13	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	241.13	0.0	0.0	0.0	0.0	1558.09
						47.4	241.13	-131.55	0.0	0.0	0.0	0.0
21	4	1140.40	0.0	0.0	-160.06	0.0	225.24	80.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	225.24	1.79e-06	0.0	0.0	0.0	1140.40
						57.0	225.24	-80.03	0.0	0.0	0.0	0.0
21	5	877.23	0.0	0.0	-123.12	0.0	147.54	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	147.54	1.37e-06	0.0	0.0	0.0	877.23
						57.0	147.54	-61.56	0.0	0.0	0.0	0.0
21	15	877.23	0.0	0.0	-123.12	0.0	194.06	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	194.06	1.37e-06	0.0	0.0	0.0	877.23
						57.0	194.06	-61.56	0.0	0.0	0.0	0.0
21	18	877.23	0.0	0.0	-123.12	0.0	115.22	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	115.22	1.37e-06	0.0	0.0	0.0	877.23
						57.0	115.22	-61.56	0.0	0.0	0.0	0.0
21	47	877.23	0.0	0.0	-123.12	0.0	208.10	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	208.10	1.37e-06	0.0	0.0	0.0	877.23
						57.0	208.10	-61.56	0.0	0.0	0.0	0.0
21	50	877.23	0.0	0.0	-123.12	0.0	101.18	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	101.18	1.37e-06	0.0	0.0	0.0	877.23
						57.0	101.18	-61.56	0.0	0.0	0.0	0.0
21	79	877.23	0.0	0.0	-123.12	0.0	149.07	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	149.07	1.37e-06	0.0	0.0	0.0	877.23
						57.0	149.07	-61.56	0.0	0.0	0.0	0.0
21	82	877.23	0.0	0.0	-123.12	0.0	169.02	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	169.02	1.37e-06	0.0	0.0	0.0	877.23
						57.0	169.02	-61.56	0.0	0.0	0.0	0.0
21	86	877.23	0.0	0.0	-123.12	0.0	149.07	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	149.07	1.37e-06	0.0	0.0	0.0	877.23
						57.0	149.07	-61.56	0.0	0.0	0.0	0.0
21	87	877.23	0.0	0.0	-123.12	0.0	158.35	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	158.35	1.37e-06	0.0	0.0	0.0	877.23
						57.0	158.35	-61.56	0.0	0.0	0.0	0.0
21	91	877.23	0.0	0.0	-123.12	0.0	149.07	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	149.07	1.37e-06	0.0	0.0	0.0	877.23
						57.0	149.07	-61.56	0.0	0.0	0.0	0.0
21	92	877.23	0.0	0.0	-123.12	0.0	154.64	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	154.64	1.37e-06	0.0	0.0	0.0	877.23

						57.0	154.64	-61.56	0.0	0.0	0.0	0.0
22	5	2162.10	0.0	0.0	-295.67	0.0	-300.70	147.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-300.70	2.43e-06	0.0	0.0	0.0	2162.10
						58.5	-300.70	-147.84	0.0	0.0	0.0	0.0
22	11	3515.87	0.0	0.0	-480.80	0.0	-522.51	240.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-522.51	1.34e-06	0.0	0.0	0.0	3515.87
						58.5	-522.51	-240.40	0.0	0.0	0.0	0.0
22	31	2375.78	0.0	0.0	-324.89	0.0	-364.67	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-364.67	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-364.67	-162.45	0.0	0.0	0.0	0.0
22	34	2375.78	0.0	0.0	-324.89	0.0	-279.31	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-279.31	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-279.31	-162.45	0.0	0.0	0.0	0.0
22	63	2375.78	0.0	0.0	-324.89	0.0	-379.87	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-379.87	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-379.87	-162.45	0.0	0.0	0.0	0.0
22	66	2375.78	0.0	0.0	-324.89	0.0	-264.12	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-264.12	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-264.12	-162.45	0.0	0.0	0.0	0.0
22	79	2197.72	0.0	0.0	-300.54	0.0	-306.66	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-306.66	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-306.66	-150.27	0.0	0.0	0.0	0.0
22	85	2613.20	0.0	0.0	-357.36	0.0	-385.25	178.68	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-385.25	1.27e-06	0.0	0.0	0.0	2613.20
						58.5	-385.25	-178.68	0.0	0.0	0.0	0.0
22	86	2197.72	0.0	0.0	-300.54	0.0	-306.66	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-306.66	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-306.66	-150.27	0.0	0.0	0.0	0.0
22	87	2494.49	0.0	0.0	-341.13	0.0	-332.21	170.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-332.21	1.57e-06	0.0	0.0	0.0	2494.49
						58.5	-332.21	-170.56	0.0	0.0	0.0	0.0
22	91	2197.72	0.0	0.0	-300.54	0.0	-306.66	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-306.66	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-306.66	-150.27	0.0	0.0	0.0	0.0
22	92	2375.78	0.0	0.0	-324.89	0.0	-321.99	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-321.99	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-321.99	-162.45	0.0	0.0	0.0	0.0
23	1	2404.23	0.0	0.0	-360.64	0.0	61.74	180.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	61.74	2.36e-06	0.0	0.0	0.0	2404.23
						53.3	61.74	-180.32	0.0	0.0	0.0	0.0
23	8	2537.03	0.0	0.0	-380.56	0.0	38.59	190.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	38.59	0.0	0.0	0.0	0.0	2537.03
						53.3	38.59	-190.28	0.0	0.0	0.0	0.0
23	15	1974.63	0.0	0.0	-296.20	0.0	84.54	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	84.54	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	84.54	-148.10	0.0	0.0	0.0	0.0
23	18	1974.63	0.0	0.0	-296.20	0.0	7.65	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	7.65	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	7.65	-148.10	0.0	0.0	0.0	0.0
23	47	1974.63	0.0	0.0	-296.20	0.0	98.22	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	98.22	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	98.22	-148.10	0.0	0.0	0.0	0.0
23	50	1974.63	0.0	0.0	-296.20	0.0	-6.04	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	-6.04	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	-6.04	-148.10	0.0	0.0	0.0	0.0
23	79	1826.64	0.0	0.0	-274.00	0.0	47.51	137.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	47.51	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	47.51	-137.00	0.0	0.0	0.0	0.0
23	82	2319.96	0.0	0.0	-348.00	0.0	41.55	174.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	41.55	0.0	0.0	0.0	0.0	2319.96
						53.3	41.55	-174.00	0.0	0.0	0.0	0.0
23	86	1826.64	0.0	0.0	-274.00	0.0	47.51	137.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	47.51	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	47.51	-137.00	0.0	0.0	0.0	0.0
23	87	2073.30	0.0	0.0	-311.00	0.0	45.15	155.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	45.15	1.07e-06	0.0	0.0	0.0	2073.30
						53.3	45.15	-155.50	0.0	0.0	0.0	0.0
23	91	1826.64	0.0	0.0	-274.00	0.0	47.51	137.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	47.51	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	47.51	-137.00	0.0	0.0	0.0	0.0
23	92	1974.63	0.0	0.0	-296.20	0.0	46.09	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	46.09	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	46.09	-148.10	0.0	0.0	0.0	0.0
24	3	1681.32	0.0	0.0	-344.89	0.0	52.64	172.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	52.64	0.0	0.0	0.0	0.0	1681.32
						39.0	52.64	-172.44	0.0	0.0	0.0	0.0
24	12	960.93	0.0	0.0	-197.11	0.0	14.91	98.56	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	19.5	14.91	0.0	0.0	0.0	0.0	960.93
						39.0	14.91	-98.56	0.0	0.0	0.0	0.0
24	32	1055.90	0.0	0.0	-216.60	0.0	128.20	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	128.20	0.0	0.0	0.0	0.0	1055.90
						39.0	128.20	-108.30	0.0	0.0	0.0	0.0
24	33	1055.90	0.0	0.0	-216.60	0.0	-58.75	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-58.75	0.0	0.0	0.0	0.0	1055.90
						39.0	-58.75	-108.30	0.0	0.0	0.0	0.0
24	64	1055.90	0.0	0.0	-216.60	0.0	161.48	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	161.48	0.0	0.0	0.0	0.0	1055.90
						39.0	161.48	-108.30	0.0	0.0	0.0	0.0
24	65	1055.90	0.0	0.0	-216.60	0.0	-92.03	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-92.03	0.0	0.0	0.0	0.0	1055.90
						39.0	-92.03	-108.30	0.0	0.0	0.0	0.0
24	81	1240.56	0.0	0.0	-254.47	0.0	38.67	127.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	38.67	0.0	0.0	0.0	0.0	1240.56
						39.0	38.67	-127.24	0.0	0.0	0.0	0.0
24	83	976.76	0.0	0.0	-200.36	0.0	21.78	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	21.78	0.0	0.0	0.0	0.0	976.76
						39.0	21.78	-100.18	0.0	0.0	0.0	0.0
24	87	1108.66	0.0	0.0	-227.42	0.0	35.85	113.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	35.85	0.0	0.0	0.0	0.0	1108.66
						39.0	35.85	-113.71	0.0	0.0	0.0	0.0
24	88	976.76	0.0	0.0	-200.36	0.0	30.78	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	30.78	0.0	0.0	0.0	0.0	976.76
						39.0	30.78	-100.18	0.0	0.0	0.0	0.0
24	91	976.76	0.0	0.0	-200.36	0.0	33.03	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	33.03	0.0	0.0	0.0	0.0	976.76
						39.0	33.03	-100.18	0.0	0.0	0.0	0.0
24	92	1055.90	0.0	0.0	-216.60	0.0	34.72	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	34.72	0.0	0.0	0.0	0.0	1055.90
						39.0	34.72	-108.30	0.0	0.0	0.0	0.0
25	1	2680.36	0.0	0.0	-380.78	0.0	101.02	190.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	101.02	-1.27e-06	0.0	0.0	0.0	2680.36
						56.3	101.02	-190.39	0.0	0.0	0.0	0.0
25	8	2828.41	0.0	0.0	-401.82	0.0	51.82	200.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	51.82	-3.38e-06	0.0	0.0	0.0	2828.41
						56.3	51.82	-200.91	0.0	0.0	0.0	0.0
25	35	2201.43	0.0	0.0	-312.74	0.0	130.69	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	130.69	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	130.69	-156.37	0.0	0.0	0.0	0.0
25	38	2201.43	0.0	0.0	-312.74	0.0	15.86	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	15.86	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	15.86	-156.37	0.0	0.0	0.0	0.0
25	67	2201.43	0.0	0.0	-312.74	0.0	151.13	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	151.13	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	151.13	-156.37	0.0	0.0	0.0	0.0
25	70	2201.43	0.0	0.0	-312.74	0.0	-4.57	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	-4.57	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	-4.57	-156.37	0.0	0.0	0.0	0.0
25	79	2036.43	0.0	0.0	-289.30	0.0	78.84	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	78.84	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	78.84	-144.65	0.0	0.0	0.0	0.0
25	82	2586.42	0.0	0.0	-367.44	0.0	59.85	183.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	59.85	-2.55e-06	0.0	0.0	0.0	2586.42
						56.3	59.85	-183.72	0.0	0.0	0.0	0.0
25	86	2036.43	0.0	0.0	-289.30	0.0	78.84	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	78.84	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	78.84	-144.65	0.0	0.0	0.0	0.0
25	87	2311.42	0.0	0.0	-328.37	0.0	69.57	164.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	69.57	-1.79e-06	0.0	0.0	0.0	2311.42
						56.3	69.57	-164.19	0.0	0.0	0.0	0.0
25	91	2036.43	0.0	0.0	-289.30	0.0	78.84	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	78.84	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	78.84	-144.65	0.0	0.0	0.0	0.0
25	92	2201.43	0.0	0.0	-312.74	0.0	73.28	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	73.28	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	73.28	-156.37	0.0	0.0	0.0	0.0
26	4	1140.40	0.0	0.0	-160.06	0.0	252.38	80.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	252.38	1.79e-06	0.0	0.0	0.0	1140.40
						57.0	252.38	-80.03	0.0	0.0	0.0	0.0
26	5	877.23	0.0	0.0	-123.12	0.0	159.56	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	159.56	1.37e-06	0.0	0.0	0.0	877.23
						57.0	159.56	-61.56	0.0	0.0	0.0	0.0
26	15	877.23	0.0	0.0	-123.12	0.0	219.18	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	219.18	1.37e-06	0.0	0.0	0.0	877.23
						57.0	219.18	-61.56	0.0	0.0	0.0	0.0

26	18	877.23	0.0	0.0	-123.12	0.0	119.25	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	119.25	1.37e-06	0.0	0.0	0.0	877.23
						57.0	119.25	-61.56	0.0	0.0	0.0	0.0
26	47	877.23	0.0	0.0	-123.12	0.0	236.96	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	236.96	1.37e-06	0.0	0.0	0.0	877.23
						57.0	236.96	-61.56	0.0	0.0	0.0	0.0
26	50	877.23	0.0	0.0	-123.12	0.0	101.46	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	101.46	1.37e-06	0.0	0.0	0.0	877.23
						57.0	101.46	-61.56	0.0	0.0	0.0	0.0
26	79	877.23	0.0	0.0	-123.12	0.0	161.33	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	161.33	1.37e-06	0.0	0.0	0.0	877.23
						57.0	161.33	-61.56	0.0	0.0	0.0	0.0
26	82	877.23	0.0	0.0	-123.12	0.0	188.58	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	188.58	1.37e-06	0.0	0.0	0.0	877.23
						57.0	188.58	-61.56	0.0	0.0	0.0	0.0
26	86	877.23	0.0	0.0	-123.12	0.0	161.33	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	161.33	1.37e-06	0.0	0.0	0.0	877.23
						57.0	161.33	-61.56	0.0	0.0	0.0	0.0
26	87	877.23	0.0	0.0	-123.12	0.0	174.47	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	174.47	1.37e-06	0.0	0.0	0.0	877.23
						57.0	174.47	-61.56	0.0	0.0	0.0	0.0
26	91	877.23	0.0	0.0	-123.12	0.0	161.33	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	161.33	1.37e-06	0.0	0.0	0.0	877.23
						57.0	161.33	-61.56	0.0	0.0	0.0	0.0
26	92	877.23	0.0	0.0	-123.12	0.0	169.21	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	169.21	1.37e-06	0.0	0.0	0.0	877.23
						57.0	169.21	-61.56	0.0	0.0	0.0	0.0
27	5	50.47	0.0	0.0	-45.17	0.0	-13.56	22.59	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-13.56	0.0	0.0	0.0	0.0	50.47
						8.9	-13.56	-22.59	0.0	0.0	0.0	0.0
27	11	82.06	0.0	0.0	-73.46	0.0	-87.22	36.73	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-87.22	0.0	0.0	0.0	0.0	82.06
						8.9	-87.22	-36.73	0.0	0.0	0.0	0.0
27	36	55.45	0.0	0.0	-49.64	0.0	-137.12	24.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-137.12	0.0	0.0	0.0	0.0	55.45
						8.9	-137.12	-24.82	0.0	0.0	0.0	0.0
27	37	55.45	0.0	0.0	-49.64	0.0	84.46	24.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	84.46	0.0	0.0	0.0	0.0	55.45
						8.9	84.46	-24.82	0.0	0.0	0.0	0.0
27	68	55.45	0.0	0.0	-49.64	0.0	-176.56	24.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-176.56	0.0	0.0	0.0	0.0	55.45
						8.9	-176.56	-24.82	0.0	0.0	0.0	0.0
27	69	55.45	0.0	0.0	-49.64	0.0	123.90	24.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	123.90	0.0	0.0	0.0	0.0	55.45
						8.9	123.90	-24.82	0.0	0.0	0.0	0.0
27	79	51.30	0.0	0.0	-45.92	0.0	-17.04	22.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-17.04	0.0	0.0	0.0	0.0	51.30
						8.9	-17.04	-22.96	0.0	0.0	0.0	0.0
27	85	60.99	0.0	0.0	-54.60	0.0	-58.10	27.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-58.10	0.0	0.0	0.0	0.0	60.99
						8.9	-58.10	-27.30	0.0	0.0	0.0	0.0
27	86	51.30	0.0	0.0	-45.92	0.0	-17.04	22.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-17.04	0.0	0.0	0.0	0.0	51.30
						8.9	-17.04	-22.96	0.0	0.0	0.0	0.0
27	87	58.22	0.0	0.0	-52.12	0.0	-32.52	26.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-32.52	0.0	0.0	0.0	0.0	58.22
						8.9	-32.52	-26.06	0.0	0.0	0.0	0.0
27	91	51.30	0.0	0.0	-45.92	0.0	-17.04	22.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-17.04	0.0	0.0	0.0	0.0	51.30
						8.9	-17.04	-22.96	0.0	0.0	0.0	0.0
27	92	55.45	0.0	0.0	-49.64	0.0	-26.33	24.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.5	-26.33	0.0	0.0	0.0	0.0	55.45
						8.9	-26.33	-24.82	0.0	0.0	0.0	0.0
28	4	1652.73	0.0	0.0	-341.94	0.0	-242.97	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-242.97	2.25e-06	0.0	0.0	0.0	1652.73
						38.7	-242.97	-170.97	0.0	0.0	0.0	0.0
28	5	944.59	0.0	0.0	-195.43	0.0	-132.79	97.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-132.79	1.42e-06	0.0	0.0	0.0	944.59
						38.7	-132.79	-97.72	0.0	0.0	0.0	0.0
28	35	1037.95	0.0	0.0	-214.75	0.0	-71.78	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-71.78	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-71.78	-107.37	0.0	0.0	0.0	0.0
28	38	1037.95	0.0	0.0	-214.75	0.0	-222.59	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-222.59	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-222.59	-107.37	0.0	0.0	0.0	0.0
28	67	1037.95	0.0	0.0	-214.75	0.0	-44.93	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-44.93	1.49e-06	0.0	0.0	0.0	1037.95

						38.7	-44.93	-107.37	0.0	0.0	0.0	0.0
28	70	1037.95	0.0	0.0	-214.75	0.0	-249.43	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-249.43	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-249.43	-107.37	0.0	0.0	0.0	0.0
28	79	960.15	0.0	0.0	-198.65	0.0	-136.69	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-136.69	1.40e-06	0.0	0.0	0.0	960.15
						38.7	-136.69	-99.33	0.0	0.0	0.0	0.0
28	82	1219.47	0.0	0.0	-252.30	0.0	-177.61	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-177.61	1.70e-06	0.0	0.0	0.0	1219.47
						38.7	-177.61	-126.15	0.0	0.0	0.0	0.0
28	86	960.15	0.0	0.0	-198.65	0.0	-136.69	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-136.69	1.40e-06	0.0	0.0	0.0	960.15
						38.7	-136.69	-99.33	0.0	0.0	0.0	0.0
28	87	1089.81	0.0	0.0	-225.48	0.0	-154.18	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-154.18	1.55e-06	0.0	0.0	0.0	1089.81
						38.7	-154.18	-112.74	0.0	0.0	0.0	0.0
28	91	960.15	0.0	0.0	-198.65	0.0	-136.69	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-136.69	1.40e-06	0.0	0.0	0.0	960.15
						38.7	-136.69	-99.33	0.0	0.0	0.0	0.0
28	92	1037.95	0.0	0.0	-214.75	0.0	-147.18	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-147.18	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-147.18	-107.37	0.0	0.0	0.0	0.0
29	3	1652.70	0.0	0.0	-341.94	0.0	389.30	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	389.30	-1.03e-06	0.0	0.0	0.0	1652.70
						38.7	389.30	-170.97	0.0	0.0	0.0	0.0
29	12	944.58	0.0	0.0	-195.43	0.0	229.31	97.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	229.31	-1.55e-06	0.0	0.0	0.0	944.58
						38.7	229.31	-97.72	0.0	0.0	0.0	0.0
29	36	1037.93	0.0	0.0	-214.74	0.0	411.69	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	411.69	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	411.69	-107.37	0.0	0.0	0.0	0.0
29	37	1037.93	0.0	0.0	-214.74	0.0	103.67	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	103.67	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	103.67	-107.37	0.0	0.0	0.0	0.0
29	68	1037.93	0.0	0.0	-214.74	0.0	466.52	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	466.52	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	466.52	-107.37	0.0	0.0	0.0	0.0
29	69	1037.93	0.0	0.0	-214.74	0.0	48.85	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	48.85	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	48.85	-107.37	0.0	0.0	0.0	0.0
29	81	1219.45	0.0	0.0	-252.30	0.0	288.15	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	288.15	0.0	0.0	0.0	0.0	1219.45
						38.7	288.15	-126.15	0.0	0.0	0.0	0.0
29	83	960.14	0.0	0.0	-198.65	0.0	238.42	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	238.42	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	238.42	-99.32	0.0	0.0	0.0	0.0
29	87	1089.79	0.0	0.0	-225.47	0.0	266.39	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	266.39	-1.24e-06	0.0	0.0	0.0	1089.79
						38.7	266.39	-112.74	0.0	0.0	0.0	0.0
29	88	960.14	0.0	0.0	-198.65	0.0	243.39	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	243.39	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	243.39	-99.32	0.0	0.0	0.0	0.0
29	91	960.14	0.0	0.0	-198.65	0.0	244.63	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	244.63	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	244.63	-99.32	0.0	0.0	0.0	0.0
29	92	1037.93	0.0	0.0	-214.74	0.0	257.68	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	257.68	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	257.68	-107.37	0.0	0.0	0.0	0.0
30	5	2527.47	0.0	0.0	-319.68	0.0	-31.22	159.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-31.22	-3.20e-06	0.0	0.0	0.0	2527.47
						63.2	-31.22	-159.84	0.0	0.0	0.0	0.0
30	11	4110.00	0.0	0.0	-519.84	0.0	-123.86	259.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-123.86	-3.43e-06	0.0	0.0	0.0	4110.00
						63.2	-123.86	-259.92	0.0	0.0	0.0	0.0
30	36	2777.25	0.0	0.0	-351.27	0.0	-93.42	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-93.42	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-93.42	-175.64	0.0	0.0	0.0	0.0
30	37	2777.25	0.0	0.0	-351.27	0.0	1.87	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	1.87	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	1.87	-175.64	0.0	0.0	0.0	0.0
30	68	2777.25	0.0	0.0	-351.27	0.0	-110.38	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-110.38	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-110.38	-175.64	0.0	0.0	0.0	0.0
30	69	2777.25	0.0	0.0	-351.27	0.0	18.83	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	18.83	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	18.83	-175.64	0.0	0.0	0.0	0.0
30	79	2569.10	0.0	0.0	-324.95	0.0	-35.06	162.47	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	31.6	-35.06	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-35.06	-162.47	0.0	0.0	0.0	0.0
30	85	3054.79	0.0	0.0	-386.38	0.0	-84.69	193.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-84.69	-2.70e-06	0.0	0.0	0.0	3054.79
						63.2	-84.69	-193.19	0.0	0.0	0.0	0.0
30	86	2569.10	0.0	0.0	-324.95	0.0	-35.06	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-35.06	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-35.06	-162.47	0.0	0.0	0.0	0.0
30	87	2916.02	0.0	0.0	-368.83	0.0	-52.92	184.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-52.92	-2.85e-06	0.0	0.0	0.0	2916.02
						63.2	-52.92	-184.41	0.0	0.0	0.0	0.0
30	91	2569.10	0.0	0.0	-324.95	0.0	-35.06	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-35.06	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-35.06	-162.47	0.0	0.0	0.0	0.0
30	92	2777.25	0.0	0.0	-351.27	0.0	-45.77	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-45.77	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-45.77	-175.64	0.0	0.0	0.0	0.0
31	4	1087.67	0.0	0.0	-156.31	0.0	235.80	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	235.80	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	235.80	-78.16	0.0	0.0	0.0	0.0
31	5	836.67	0.0	0.0	-120.24	0.0	145.71	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	145.71	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	145.71	-60.12	0.0	0.0	0.0	0.0
31	15	836.67	0.0	0.0	-120.24	0.0	180.24	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	180.24	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	180.24	-60.12	0.0	0.0	0.0	0.0
31	18	836.67	0.0	0.0	-120.24	0.0	128.55	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	128.55	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	128.55	-60.12	0.0	0.0	0.0	0.0
31	47	836.67	0.0	0.0	-120.24	0.0	189.44	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	189.44	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	189.44	-60.12	0.0	0.0	0.0	0.0
31	50	836.67	0.0	0.0	-120.24	0.0	119.34	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	119.34	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	119.34	-60.12	0.0	0.0	0.0	0.0
31	79	836.67	0.0	0.0	-120.24	0.0	147.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	147.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	147.86	-60.12	0.0	0.0	0.0	0.0
31	82	836.67	0.0	0.0	-120.24	0.0	175.48	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	175.48	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	175.48	-60.12	0.0	0.0	0.0	0.0
31	86	836.67	0.0	0.0	-120.24	0.0	147.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	147.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	147.86	-60.12	0.0	0.0	0.0	0.0
31	87	836.67	0.0	0.0	-120.24	0.0	158.75	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	158.75	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	158.75	-60.12	0.0	0.0	0.0	0.0
31	91	836.67	0.0	0.0	-120.24	0.0	147.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	147.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	147.86	-60.12	0.0	0.0	0.0	0.0
31	92	836.67	0.0	0.0	-120.24	0.0	154.39	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	154.39	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	154.39	-60.12	0.0	0.0	0.0	0.0
32	4	2849.28	0.0	0.0	-448.97	0.0	-285.72	224.49	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-285.72	2.23e-06	0.0	0.0	0.0	2849.28
						50.8	-285.72	-224.49	0.0	0.0	0.0	0.0
32	5	1628.47	0.0	0.0	-256.60	0.0	-163.27	128.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-163.27	1.88e-06	0.0	0.0	0.0	1628.47
						50.8	-163.27	-128.30	0.0	0.0	0.0	0.0
32	35	1789.41	0.0	0.0	-281.96	0.0	-107.55	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-107.55	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-107.55	-140.98	0.0	0.0	0.0	0.0
32	38	1789.41	0.0	0.0	-281.96	0.0	-248.75	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-248.75	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-248.75	-140.98	0.0	0.0	0.0	0.0
32	67	1789.41	0.0	0.0	-281.96	0.0	-82.42	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-82.42	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-82.42	-140.98	0.0	0.0	0.0	0.0
32	70	1789.41	0.0	0.0	-281.96	0.0	-273.89	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-273.89	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-273.89	-140.98	0.0	0.0	0.0	0.0
32	79	1655.29	0.0	0.0	-260.83	0.0	-167.30	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-167.30	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-167.30	-130.41	0.0	0.0	0.0	0.0
32	82	2102.34	0.0	0.0	-331.27	0.0	-210.10	165.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-210.10	1.72e-06	0.0	0.0	0.0	2102.34
						50.8	-210.10	-165.64	0.0	0.0	0.0	0.0

32	86	1655.29	0.0	0.0	-260.83	0.0	-167.30	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-167.30	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-167.30	-130.41	0.0	0.0	0.0	0.0
32	87	1878.82	0.0	0.0	-296.05	0.0	-185.38	148.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-185.38	1.81e-06	0.0	0.0	0.0	1878.82
						50.8	-185.38	-148.03	0.0	0.0	0.0	0.0
32	91	1655.29	0.0	0.0	-260.83	0.0	-167.30	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-167.30	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-167.30	-130.41	0.0	0.0	0.0	0.0
32	92	1789.41	0.0	0.0	-281.96	0.0	-178.15	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-178.15	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-178.15	-140.98	0.0	0.0	0.0	0.0
33	4	1652.70	0.0	0.0	-341.94	0.0	212.09	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	212.09	-1.03e-06	0.0	0.0	0.0	1652.70
						38.7	212.09	-170.97	0.0	0.0	0.0	0.0
33	5	944.58	0.0	0.0	-195.43	0.0	130.09	97.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	130.09	-1.55e-06	0.0	0.0	0.0	944.58
						38.7	130.09	-97.72	0.0	0.0	0.0	0.0
33	32	1037.93	0.0	0.0	-214.74	0.0	240.49	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	240.49	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	240.49	-107.37	0.0	0.0	0.0	0.0
33	33	1037.93	0.0	0.0	-214.74	0.0	39.16	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	39.16	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	39.16	-107.37	0.0	0.0	0.0	0.0
33	64	1037.93	0.0	0.0	-214.74	0.0	276.32	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	276.32	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	276.32	-107.37	0.0	0.0	0.0	0.0
33	65	1037.93	0.0	0.0	-214.74	0.0	3.33	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	3.33	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	3.33	-107.37	0.0	0.0	0.0	0.0
33	79	960.14	0.0	0.0	-198.65	0.0	133.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	133.35	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	133.35	-99.32	0.0	0.0	0.0	0.0
33	82	1219.45	0.0	0.0	-252.30	0.0	157.00	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	157.00	0.0	0.0	0.0	0.0	1219.45
						38.7	157.00	-126.15	0.0	0.0	0.0	0.0
33	86	960.14	0.0	0.0	-198.65	0.0	133.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	133.35	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	133.35	-99.32	0.0	0.0	0.0	0.0
33	87	1089.79	0.0	0.0	-225.47	0.0	144.14	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	144.14	-1.24e-06	0.0	0.0	0.0	1089.79
						38.7	144.14	-112.74	0.0	0.0	0.0	0.0
33	91	960.14	0.0	0.0	-198.65	0.0	133.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	133.35	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	133.35	-99.32	0.0	0.0	0.0	0.0
33	92	1037.93	0.0	0.0	-214.74	0.0	139.82	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	139.82	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	139.82	-107.37	0.0	0.0	0.0	0.0
34	5	2527.47	0.0	0.0	-319.68	0.0	-26.14	159.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-26.14	-3.20e-06	0.0	0.0	0.0	2527.47
						63.2	-26.14	-159.84	0.0	0.0	0.0	0.0
34	11	4110.00	0.0	0.0	-519.84	0.0	-113.13	259.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-113.13	-3.43e-06	0.0	0.0	0.0	4110.00
						63.2	-113.13	-259.92	0.0	0.0	0.0	0.0
34	43	2777.25	0.0	0.0	-351.27	0.0	-13.25	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-13.25	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-13.25	-175.64	0.0	0.0	0.0	0.0
34	46	2777.25	0.0	0.0	-351.27	0.0	-60.38	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-60.38	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-60.38	-175.64	0.0	0.0	0.0	0.0
34	75	2777.25	0.0	0.0	-351.27	0.0	-4.86	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-4.86	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-4.86	-175.64	0.0	0.0	0.0	0.0
34	78	2777.25	0.0	0.0	-351.27	0.0	-68.77	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-68.77	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-68.77	-175.64	0.0	0.0	0.0	0.0
34	79	2569.10	0.0	0.0	-324.95	0.0	-29.09	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-29.09	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-29.09	-162.47	0.0	0.0	0.0	0.0
34	85	3054.79	0.0	0.0	-386.38	0.0	-77.33	193.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-77.33	-2.70e-06	0.0	0.0	0.0	3054.79
						63.2	-77.33	-193.19	0.0	0.0	0.0	0.0
34	86	2569.10	0.0	0.0	-324.95	0.0	-29.09	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-29.09	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-29.09	-162.47	0.0	0.0	0.0	0.0
34	90	2777.25	0.0	0.0	-351.27	0.0	-42.86	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-42.86	-3.00e-06	0.0	0.0	0.0	2777.25

						63.2	-42.86	-175.64	0.0	0.0	0.0	0.0
34	91	2569.10	0.0	0.0	-324.95	0.0	-29.09	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-29.09	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-29.09	-162.47	0.0	0.0	0.0	0.0
34	92	2777.25	0.0	0.0	-351.27	0.0	-36.82	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-36.82	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-36.82	-175.64	0.0	0.0	0.0	0.0
35	3	1087.67	0.0	0.0	-156.31	0.0	150.82	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	150.82	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	150.82	-78.16	0.0	0.0	0.0	0.0
35	12	836.67	0.0	0.0	-120.24	0.0	89.29	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	89.29	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	89.29	-60.12	0.0	0.0	0.0	0.0
35	20	836.67	0.0	0.0	-120.24	0.0	127.04	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	127.04	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	127.04	-60.12	0.0	0.0	0.0	0.0
35	21	836.67	0.0	0.0	-120.24	0.0	83.67	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	83.67	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	83.67	-60.12	0.0	0.0	0.0	0.0
35	52	836.67	0.0	0.0	-120.24	0.0	134.76	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	134.76	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	134.76	-60.12	0.0	0.0	0.0	0.0
35	53	836.67	0.0	0.0	-120.24	0.0	75.95	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	75.95	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	75.95	-60.12	0.0	0.0	0.0	0.0
35	81	836.67	0.0	0.0	-120.24	0.0	113.82	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	113.82	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	113.82	-60.12	0.0	0.0	0.0	0.0
35	83	836.67	0.0	0.0	-120.24	0.0	93.72	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	93.72	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	93.72	-60.12	0.0	0.0	0.0	0.0
35	87	836.67	0.0	0.0	-120.24	0.0	107.77	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	107.77	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	107.77	-60.12	0.0	0.0	0.0	0.0
35	88	836.67	0.0	0.0	-120.24	0.0	100.13	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	100.13	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	100.13	-60.12	0.0	0.0	0.0	0.0
35	91	836.67	0.0	0.0	-120.24	0.0	101.73	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	101.73	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	101.73	-60.12	0.0	0.0	0.0	0.0
35	92	836.67	0.0	0.0	-120.24	0.0	105.35	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	105.35	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	105.35	-60.12	0.0	0.0	0.0	0.0
36	4	2849.28	0.0	0.0	-448.97	0.0	-117.42	224.49	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-117.42	2.23e-06	0.0	0.0	0.0	2849.28
						50.8	-117.42	-224.49	0.0	0.0	0.0	0.0
36	5	1628.47	0.0	0.0	-256.60	0.0	-50.52	128.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-50.52	1.88e-06	0.0	0.0	0.0	1628.47
						50.8	-50.52	-128.30	0.0	0.0	0.0	0.0
36	31	1789.41	0.0	0.0	-281.96	0.0	23.53	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	23.53	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	23.53	-140.98	0.0	0.0	0.0	0.0
36	34	1789.41	0.0	0.0	-281.96	0.0	-144.94	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-144.94	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-144.94	-140.98	0.0	0.0	0.0	0.0
36	63	1789.41	0.0	0.0	-281.96	0.0	53.52	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	53.52	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	53.52	-140.98	0.0	0.0	0.0	0.0
36	66	1789.41	0.0	0.0	-281.96	0.0	-174.93	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-174.93	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-174.93	-140.98	0.0	0.0	0.0	0.0
36	79	1655.29	0.0	0.0	-260.83	0.0	-53.22	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-53.22	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-53.22	-130.41	0.0	0.0	0.0	0.0
36	82	2102.34	0.0	0.0	-331.27	0.0	-83.58	165.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-83.58	1.72e-06	0.0	0.0	0.0	2102.34
						50.8	-83.58	-165.64	0.0	0.0	0.0	0.0
36	86	1655.29	0.0	0.0	-260.83	0.0	-53.22	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-53.22	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-53.22	-130.41	0.0	0.0	0.0	0.0
36	87	1878.82	0.0	0.0	-296.05	0.0	-65.70	148.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-65.70	1.81e-06	0.0	0.0	0.0	1878.82
						50.8	-65.70	-148.03	0.0	0.0	0.0	0.0
36	91	1655.29	0.0	0.0	-260.83	0.0	-53.22	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-53.22	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	-53.22	-130.41	0.0	0.0	0.0	0.0
36	92	1789.41	0.0	0.0	-281.96	0.0	-60.70	140.98	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	25.4	-60.70	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-60.70	-140.98	0.0	0.0	0.0	0.0
37	4	1652.67	0.0	0.0	-341.93	0.0	312.99	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	312.99	0.0	0.0	0.0	0.0	1652.67
						38.7	312.99	-170.97	0.0	0.0	0.0	0.0
37	5	944.56	0.0	0.0	-195.43	0.0	200.15	97.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	200.15	0.0	0.0	0.0	0.0	944.56
						38.7	200.15	-97.71	0.0	0.0	0.0	0.0
37	31	1037.91	0.0	0.0	-214.74	0.0	66.44	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	66.44	0.0	0.0	0.0	0.0	1037.91
						38.7	66.44	-107.37	0.0	0.0	0.0	0.0
37	34	1037.91	0.0	0.0	-214.74	0.0	355.84	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	355.84	0.0	0.0	0.0	0.0	1037.91
						38.7	355.84	-107.37	0.0	0.0	0.0	0.0
37	63	1037.91	0.0	0.0	-214.74	0.0	14.92	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	14.92	0.0	0.0	0.0	0.0	1037.91
						38.7	14.92	-107.37	0.0	0.0	0.0	0.0
37	66	1037.91	0.0	0.0	-214.74	0.0	407.35	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	407.35	0.0	0.0	0.0	0.0	1037.91
						38.7	407.35	-107.37	0.0	0.0	0.0	0.0
37	79	960.12	0.0	0.0	-198.65	0.0	203.55	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	203.55	0.0	0.0	0.0	0.0	960.12
						38.7	203.55	-99.32	0.0	0.0	0.0	0.0
37	82	1219.42	0.0	0.0	-252.30	0.0	233.54	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	233.54	0.0	0.0	0.0	0.0	1219.42
						38.7	233.54	-126.15	0.0	0.0	0.0	0.0
37	86	960.12	0.0	0.0	-198.65	0.0	203.55	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	203.55	0.0	0.0	0.0	0.0	960.12
						38.7	203.55	-99.32	0.0	0.0	0.0	0.0
37	87	1089.77	0.0	0.0	-225.47	0.0	216.19	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	216.19	0.0	0.0	0.0	0.0	1089.77
						38.7	216.19	-112.74	0.0	0.0	0.0	0.0
37	91	960.12	0.0	0.0	-198.65	0.0	203.55	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	203.55	0.0	0.0	0.0	0.0	960.12
						38.7	203.55	-99.32	0.0	0.0	0.0	0.0
37	92	1037.91	0.0	0.0	-214.74	0.0	211.14	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	211.14	0.0	0.0	0.0	0.0	1037.91
						38.7	211.14	-107.37	0.0	0.0	0.0	0.0
38	5	1432.96	0.0	0.0	-240.71	0.0	47.77	120.35	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	47.77	0.0	0.0	0.0	0.0	1432.96
						47.6	47.77	-120.35	0.0	0.0	0.0	0.0
38	11	2330.19	0.0	0.0	-391.42	0.0	73.46	195.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	73.46	0.0	0.0	0.0	0.0	2330.19
						47.6	73.46	-195.71	0.0	0.0	0.0	0.0
38	27	1574.58	0.0	0.0	-264.50	0.0	79.21	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	79.21	0.0	0.0	0.0	0.0	1574.58
						47.6	79.21	-132.25	0.0	0.0	0.0	0.0
38	30	1574.58	0.0	0.0	-264.50	0.0	20.57	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	20.57	0.0	0.0	0.0	0.0	1574.58
						47.6	20.57	-132.25	0.0	0.0	0.0	0.0
38	59	1574.58	0.0	0.0	-264.50	0.0	89.65	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	89.65	0.0	0.0	0.0	0.0	1574.58
						47.6	89.65	-132.25	0.0	0.0	0.0	0.0
38	62	1574.58	0.0	0.0	-264.50	0.0	10.13	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	10.13	0.0	0.0	0.0	0.0	1574.58
						47.6	10.13	-132.25	0.0	0.0	0.0	0.0
38	79	1456.56	0.0	0.0	-244.67	0.0	48.59	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	48.59	0.0	0.0	0.0	0.0	1456.56
						47.6	48.59	-122.34	0.0	0.0	0.0	0.0
38	85	1731.93	0.0	0.0	-290.93	0.0	54.91	145.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	54.91	0.0	0.0	0.0	0.0	1731.93
						47.6	54.91	-145.46	0.0	0.0	0.0	0.0
38	86	1456.56	0.0	0.0	-244.67	0.0	48.59	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	48.59	0.0	0.0	0.0	0.0	1456.56
						47.6	48.59	-122.34	0.0	0.0	0.0	0.0
38	87	1653.26	0.0	0.0	-277.71	0.0	50.76	138.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	50.76	0.0	0.0	0.0	0.0	1653.26
						47.6	50.76	-138.86	0.0	0.0	0.0	0.0
38	91	1456.56	0.0	0.0	-244.67	0.0	48.59	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	48.59	0.0	0.0	0.0	0.0	1456.56
						47.6	48.59	-122.34	0.0	0.0	0.0	0.0
38	92	1574.58	0.0	0.0	-264.50	0.0	49.89	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	49.89	0.0	0.0	0.0	0.0	1574.58
						47.6	49.89	-132.25	0.0	0.0	0.0	0.0
39	3	1087.67	0.0	0.0	-156.31	0.0	152.21	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	152.21	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	152.21	-78.16	0.0	0.0	0.0	0.0

39	12	836.67	0.0	0.0	-120.24	0.0	80.94	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	80.94	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	80.94	-60.12	0.0	0.0	0.0	0.0
39	20	836.67	0.0	0.0	-120.24	0.0	125.35	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	125.35	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	125.35	-60.12	0.0	0.0	0.0	0.0
39	21	836.67	0.0	0.0	-120.24	0.0	92.54	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	92.54	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	92.54	-60.12	0.0	0.0	0.0	0.0
39	52	836.67	0.0	0.0	-120.24	0.0	131.19	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	131.19	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	131.19	-60.12	0.0	0.0	0.0	0.0
39	53	836.67	0.0	0.0	-120.24	0.0	86.70	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	86.70	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	86.70	-60.12	0.0	0.0	0.0	0.0
39	81	836.67	0.0	0.0	-120.24	0.0	115.74	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	115.74	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	115.74	-60.12	0.0	0.0	0.0	0.0
39	83	836.67	0.0	0.0	-120.24	0.0	89.17	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	89.17	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	89.17	-60.12	0.0	0.0	0.0	0.0
39	87	836.67	0.0	0.0	-120.24	0.0	110.89	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	110.89	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	110.89	-60.12	0.0	0.0	0.0	0.0
39	88	836.67	0.0	0.0	-120.24	0.0	102.66	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	102.66	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	102.66	-60.12	0.0	0.0	0.0	0.0
39	91	836.67	0.0	0.0	-120.24	0.0	106.03	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	106.03	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	106.03	-60.12	0.0	0.0	0.0	0.0
39	92	836.67	0.0	0.0	-120.24	0.0	108.95	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	108.95	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	108.95	-60.12	0.0	0.0	0.0	0.0
40	1	3403.95	0.0	0.0	-429.11	0.0	89.37	214.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	89.37	-6.24e-06	0.0	0.0	0.0	3403.95
						63.5	89.37	-214.56	0.0	0.0	0.0	0.0
40	8	3591.97	0.0	0.0	-452.82	0.0	55.19	226.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	55.19	-4.09e-06	0.0	0.0	0.0	3591.97
						63.5	55.19	-226.41	0.0	0.0	0.0	0.0
40	31	2795.73	0.0	0.0	-352.44	0.0	151.75	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	151.75	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	151.75	-176.22	0.0	0.0	0.0	0.0
40	34	2795.73	0.0	0.0	-352.44	0.0	-18.55	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	-18.55	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	-18.55	-176.22	0.0	0.0	0.0	0.0
40	63	2795.73	0.0	0.0	-352.44	0.0	182.06	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	182.06	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	182.06	-176.22	0.0	0.0	0.0	0.0
40	66	2795.73	0.0	0.0	-352.44	0.0	-48.86	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	-48.86	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	-48.86	-176.22	0.0	0.0	0.0	0.0
40	79	2586.19	0.0	0.0	-326.02	0.0	69.35	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	69.35	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	69.35	-163.01	0.0	0.0	0.0	0.0
40	82	3284.65	0.0	0.0	-414.07	0.0	59.39	207.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	59.39	-4.37e-06	0.0	0.0	0.0	3284.65
						63.5	59.39	-207.04	0.0	0.0	0.0	0.0
40	86	2586.19	0.0	0.0	-326.02	0.0	69.35	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	69.35	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	69.35	-163.01	0.0	0.0	0.0	0.0
40	87	2935.42	0.0	0.0	-370.05	0.0	64.77	185.02	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	64.77	-4.55e-06	0.0	0.0	0.0	2935.42
						63.5	64.77	-185.02	0.0	0.0	0.0	0.0
40	91	2586.19	0.0	0.0	-326.02	0.0	69.35	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	69.35	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	69.35	-163.01	0.0	0.0	0.0	0.0
40	92	2795.73	0.0	0.0	-352.44	0.0	66.60	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	66.60	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	66.60	-176.22	0.0	0.0	0.0	0.0
41	4	1768.67	0.0	0.0	-353.73	0.0	411.45	176.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	411.45	-3.85e-06	0.0	0.0	0.0	1768.67
						40.0	411.45	-176.87	0.0	0.0	0.0	0.0
41	5	1010.86	0.0	0.0	-202.17	0.0	268.02	101.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	268.02	-2.45e-06	0.0	0.0	0.0	1010.86
						40.0	268.02	-101.09	0.0	0.0	0.0	0.0
41	31	1110.76	0.0	0.0	-222.15	0.0	127.19	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	127.19	-2.58e-06	0.0	0.0	0.0	1110.76

						40.0	127.19	-111.08	0.0	0.0	0.0	0.0
41	34	1110.76	0.0	0.0	-222.15	0.0	435.08	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	435.08	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	435.08	-111.08	0.0	0.0	0.0	0.0
41	63	1110.76	0.0	0.0	-222.15	0.0	72.39	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	72.39	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	72.39	-111.08	0.0	0.0	0.0	0.0
41	66	1110.76	0.0	0.0	-222.15	0.0	489.89	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	489.89	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	489.89	-111.08	0.0	0.0	0.0	0.0
41	79	1027.51	0.0	0.0	-205.50	0.0	272.00	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	272.00	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	272.00	-102.75	0.0	0.0	0.0	0.0
41	82	1305.02	0.0	0.0	-261.00	0.0	307.91	130.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	307.91	-2.90e-06	0.0	0.0	0.0	1305.02
						40.0	307.91	-130.50	0.0	0.0	0.0	0.0
41	86	1027.51	0.0	0.0	-205.50	0.0	272.00	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	272.00	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	272.00	-102.75	0.0	0.0	0.0	0.0
41	87	1166.26	0.0	0.0	-233.25	0.0	287.23	116.63	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	287.23	-2.67e-06	0.0	0.0	0.0	1166.26
						40.0	287.23	-116.63	0.0	0.0	0.0	0.0
41	91	1027.51	0.0	0.0	-205.50	0.0	272.00	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	272.00	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	272.00	-102.75	0.0	0.0	0.0	0.0
41	92	1110.76	0.0	0.0	-222.15	0.0	281.14	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	281.14	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	281.14	-111.08	0.0	0.0	0.0	0.0
42	5	1432.96	0.0	0.0	-240.71	0.0	4.22	120.35	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	4.22	0.0	0.0	0.0	0.0	1432.96
						47.6	4.22	-120.35	0.0	0.0	0.0	0.0
42	11	2330.19	0.0	0.0	-391.42	0.0	-70.41	195.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-70.41	0.0	0.0	0.0	0.0	2330.19
						47.6	-70.41	-195.71	0.0	0.0	0.0	0.0
42	24	1574.58	0.0	0.0	-264.50	0.0	10.95	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	10.95	0.0	0.0	0.0	0.0	1574.58
						47.6	10.95	-132.25	0.0	0.0	0.0	0.0
42	25	1574.58	0.0	0.0	-264.50	0.0	-18.42	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-18.42	0.0	0.0	0.0	0.0	1574.58
						47.6	-18.42	-132.25	0.0	0.0	0.0	0.0
42	56	1574.58	0.0	0.0	-264.50	0.0	16.17	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	16.17	0.0	0.0	0.0	0.0	1574.58
						47.6	16.17	-132.25	0.0	0.0	0.0	0.0
42	57	1574.58	0.0	0.0	-264.50	0.0	-23.65	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-23.65	0.0	0.0	0.0	0.0	1574.58
						47.6	-23.65	-132.25	0.0	0.0	0.0	0.0
42	79	1456.56	0.0	0.0	-244.67	0.0	1.48	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	1.48	0.0	0.0	0.0	0.0	1456.56
						47.6	1.48	-122.34	0.0	0.0	0.0	0.0
42	85	1731.93	0.0	0.0	-290.93	0.0	-44.91	145.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-44.91	0.0	0.0	0.0	0.0	1731.93
						47.6	-44.91	-145.46	0.0	0.0	0.0	0.0
42	86	1456.56	0.0	0.0	-244.67	0.0	1.48	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	1.48	0.0	0.0	0.0	0.0	1456.56
						47.6	1.48	-122.34	0.0	0.0	0.0	0.0
42	90	1574.58	0.0	0.0	-264.50	0.0	-10.58	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-10.58	0.0	0.0	0.0	0.0	1574.58
						47.6	-10.58	-132.25	0.0	0.0	0.0	0.0
42	91	1456.56	0.0	0.0	-244.67	0.0	1.48	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	1.48	0.0	0.0	0.0	0.0	1456.56
						47.6	1.48	-122.34	0.0	0.0	0.0	0.0
42	92	1574.58	0.0	0.0	-264.50	0.0	-3.74	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-3.74	0.0	0.0	0.0	0.0	1574.58
						47.6	-3.74	-132.25	0.0	0.0	0.0	0.0
43	4	726.66	0.0	0.0	-127.76	0.0	121.83	63.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	121.83	0.0	0.0	0.0	0.0	726.66
						45.5	121.83	-63.88	0.0	0.0	0.0	0.0
43	5	558.97	0.0	0.0	-98.28	0.0	75.16	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	75.16	0.0	0.0	0.0	0.0	558.97
						45.5	75.16	-49.14	0.0	0.0	0.0	0.0
43	20	558.97	0.0	0.0	-98.28	0.0	83.61	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	83.61	0.0	0.0	0.0	0.0	558.97
						45.5	83.61	-49.14	0.0	0.0	0.0	0.0
43	21	558.97	0.0	0.0	-98.28	0.0	76.20	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	76.20	0.0	0.0	0.0	0.0	558.97
						45.5	76.20	-49.14	0.0	0.0	0.0	0.0
43	52	558.97	0.0	0.0	-98.28	0.0	84.93	49.14	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	22.8	84.93	0.0	0.0	0.0	0.0	558.97
						45.5	84.93	-49.14	0.0	0.0	0.0	0.0
43	53	558.97	0.0	0.0	-98.28	0.0	74.88	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	74.88	0.0	0.0	0.0	0.0	558.97
						45.5	74.88	-49.14	0.0	0.0	0.0	0.0
43	79	558.97	0.0	0.0	-98.28	0.0	76.10	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	76.10	0.0	0.0	0.0	0.0	558.97
						45.5	76.10	-49.14	0.0	0.0	0.0	0.0
43	82	558.97	0.0	0.0	-98.28	0.0	90.74	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	90.74	0.0	0.0	0.0	0.0	558.97
						45.5	90.74	-49.14	0.0	0.0	0.0	0.0
43	86	558.97	0.0	0.0	-98.28	0.0	76.10	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	76.10	0.0	0.0	0.0	0.0	558.97
						45.5	76.10	-49.14	0.0	0.0	0.0	0.0
43	87	558.97	0.0	0.0	-98.28	0.0	82.45	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	82.45	0.0	0.0	0.0	0.0	558.97
						45.5	82.45	-49.14	0.0	0.0	0.0	0.0
43	91	558.97	0.0	0.0	-98.28	0.0	76.10	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	76.10	0.0	0.0	0.0	0.0	558.97
						45.5	76.10	-49.14	0.0	0.0	0.0	0.0
43	92	558.97	0.0	0.0	-98.28	0.0	79.91	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	79.91	0.0	0.0	0.0	0.0	558.97
						45.5	79.91	-49.14	0.0	0.0	0.0	0.0
44	5	1010.85	0.0	0.0	-202.17	0.0	325.74	101.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	325.74	2.21e-06	0.0	0.0	0.0	1010.85
						40.0	325.74	-101.08	0.0	0.0	0.0	0.0
44	11	1643.77	0.0	0.0	-328.75	0.0	473.26	164.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	473.26	2.79e-06	0.0	0.0	0.0	1643.77
						40.0	473.26	-164.38	0.0	0.0	0.0	0.0
44	31	1110.75	0.0	0.0	-222.15	0.0	455.10	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	455.10	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	455.10	-111.07	0.0	0.0	0.0	0.0
44	34	1110.75	0.0	0.0	-222.15	0.0	213.17	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	213.17	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	213.17	-111.07	0.0	0.0	0.0	0.0
44	63	1110.75	0.0	0.0	-222.15	0.0	498.17	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	498.17	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	498.17	-111.07	0.0	0.0	0.0	0.0
44	66	1110.75	0.0	0.0	-222.15	0.0	170.11	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	170.11	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	170.11	-111.07	0.0	0.0	0.0	0.0
44	79	1027.50	0.0	0.0	-205.50	0.0	328.32	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	328.32	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	328.32	-102.75	0.0	0.0	0.0	0.0
44	85	1221.75	0.0	0.0	-244.35	0.0	357.57	122.17	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	357.57	2.17e-06	0.0	0.0	0.0	1221.75
						40.0	357.57	-122.17	0.0	0.0	0.0	0.0
44	86	1027.50	0.0	0.0	-205.50	0.0	328.32	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	328.32	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	328.32	-102.75	0.0	0.0	0.0	0.0
44	87	1166.25	0.0	0.0	-233.25	0.0	338.02	116.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	338.02	2.17e-06	0.0	0.0	0.0	1166.25
						40.0	338.02	-116.62	0.0	0.0	0.0	0.0
44	91	1027.50	0.0	0.0	-205.50	0.0	328.32	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	328.32	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	328.32	-102.75	0.0	0.0	0.0	0.0
44	92	1110.75	0.0	0.0	-222.15	0.0	334.14	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	334.14	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	334.14	-111.07	0.0	0.0	0.0	0.0
45	4	1768.64	0.0	0.0	-353.73	0.0	317.55	176.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	317.55	2.79e-06	0.0	0.0	0.0	1768.64
						40.0	317.55	-176.86	0.0	0.0	0.0	0.0
45	5	1010.85	0.0	0.0	-202.17	0.0	210.81	101.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	210.81	2.21e-06	0.0	0.0	0.0	1010.85
						40.0	210.81	-101.08	0.0	0.0	0.0	0.0
45	31	1110.75	0.0	0.0	-222.15	0.0	58.96	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	58.96	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	58.96	-111.07	0.0	0.0	0.0	0.0
45	34	1110.75	0.0	0.0	-222.15	0.0	381.37	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	381.37	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	381.37	-111.07	0.0	0.0	0.0	0.0
45	63	1110.75	0.0	0.0	-222.15	0.0	1.57	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	1.57	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	1.57	-111.07	0.0	0.0	0.0	0.0
45	66	1110.75	0.0	0.0	-222.15	0.0	438.76	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	438.76	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	438.76	-111.07	0.0	0.0	0.0	0.0

45	79	1027.50	0.0	0.0	-205.50	0.0	213.67	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	213.67	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	213.67	-102.75	0.0	0.0	0.0	0.0
45	82	1305.00	0.0	0.0	-261.00	0.0	238.28	130.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	238.28	2.17e-06	0.0	0.0	0.0	1305.00
						40.0	238.28	-130.50	0.0	0.0	0.0	0.0
45	86	1027.50	0.0	0.0	-205.50	0.0	213.67	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	213.67	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	213.67	-102.75	0.0	0.0	0.0	0.0
45	87	1166.25	0.0	0.0	-233.25	0.0	224.49	116.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	224.49	2.17e-06	0.0	0.0	0.0	1166.25
						40.0	224.49	-116.62	0.0	0.0	0.0	0.0
45	91	1027.50	0.0	0.0	-205.50	0.0	213.67	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	213.67	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	213.67	-102.75	0.0	0.0	0.0	0.0
45	92	1110.75	0.0	0.0	-222.15	0.0	220.16	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	220.16	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	220.16	-111.07	0.0	0.0	0.0	0.0
46	5	558.97	0.0	0.0	-98.28	0.0	17.39	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	17.39	0.0	0.0	0.0	0.0	558.97
						45.5	17.39	-49.14	0.0	0.0	0.0	0.0
46	11	726.66	0.0	0.0	-127.76	0.0	-46.08	63.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-46.08	0.0	0.0	0.0	0.0	726.66
						45.5	-46.08	-63.88	0.0	0.0	0.0	0.0
46	39	558.97	0.0	0.0	-98.28	0.0	2.88	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	2.88	0.0	0.0	0.0	0.0	558.97
						45.5	2.88	-49.14	0.0	0.0	0.0	0.0
46	42	558.97	0.0	0.0	-98.28	0.0	19.81	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	19.81	0.0	0.0	0.0	0.0	558.97
						45.5	19.81	-49.14	0.0	0.0	0.0	0.0
46	71	558.97	0.0	0.0	-98.28	0.0	-0.13	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-0.13	0.0	0.0	0.0	0.0	558.97
						45.5	-0.13	-49.14	0.0	0.0	0.0	0.0
46	74	558.97	0.0	0.0	-98.28	0.0	22.82	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	22.82	0.0	0.0	0.0	0.0	558.97
						45.5	22.82	-49.14	0.0	0.0	0.0	0.0
46	79	558.97	0.0	0.0	-98.28	0.0	14.68	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	14.68	0.0	0.0	0.0	0.0	558.97
						45.5	14.68	-49.14	0.0	0.0	0.0	0.0
46	85	558.97	0.0	0.0	-98.28	0.0	-26.96	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-26.96	0.0	0.0	0.0	0.0	558.97
						45.5	-26.96	-49.14	0.0	0.0	0.0	0.0
46	86	558.97	0.0	0.0	-98.28	0.0	14.68	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	14.68	0.0	0.0	0.0	0.0	558.97
						45.5	14.68	-49.14	0.0	0.0	0.0	0.0
46	90	558.97	0.0	0.0	-98.28	0.0	4.58	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	4.58	0.0	0.0	0.0	0.0	558.97
						45.5	4.58	-49.14	0.0	0.0	0.0	0.0
46	91	558.97	0.0	0.0	-98.28	0.0	14.68	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	14.68	0.0	0.0	0.0	0.0	558.97
						45.5	14.68	-49.14	0.0	0.0	0.0	0.0
46	92	558.97	0.0	0.0	-98.28	0.0	11.35	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	11.35	0.0	0.0	0.0	0.0	558.97
						45.5	11.35	-49.14	0.0	0.0	0.0	0.0
47	1	2029.44	0.0	0.0	-331.34	0.0	30.05	165.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	30.05	-1.12e-06	0.0	0.0	0.0	2029.44
						49.0	30.05	-165.67	0.0	0.0	0.0	0.0
47	14	1954.14	0.0	0.0	-319.04	0.0	3.52	159.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	3.52	0.0	0.0	0.0	0.0	1954.14
						49.0	3.52	-159.52	0.0	0.0	0.0	0.0
47	31	1666.81	0.0	0.0	-272.13	0.0	-127.22	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-127.22	0.0	0.0	0.0	0.0	1666.81
						49.0	-127.22	-136.07	0.0	0.0	0.0	0.0
47	34	1666.81	0.0	0.0	-272.13	0.0	171.86	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	171.86	0.0	0.0	0.0	0.0	1666.81
						49.0	171.86	-136.07	0.0	0.0	0.0	0.0
47	63	1666.81	0.0	0.0	-272.13	0.0	-180.45	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-180.45	0.0	0.0	0.0	0.0	1666.81
						49.0	-180.45	-136.07	0.0	0.0	0.0	0.0
47	66	1666.81	0.0	0.0	-272.13	0.0	225.09	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	225.09	0.0	0.0	0.0	0.0	1666.81
						49.0	225.09	-136.07	0.0	0.0	0.0	0.0
47	79	1541.88	0.0	0.0	-251.74	0.0	23.28	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	23.28	0.0	0.0	0.0	0.0	1541.88
						49.0	23.28	-125.87	0.0	0.0	0.0	0.0
47	85	1833.38	0.0	0.0	-299.33	0.0	9.97	149.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	9.97	0.0	0.0	0.0	0.0	1833.38

						49.0	9.97	-149.66	0.0	0.0	0.0	0.0
47	86	1541.88	0.0	0.0	-251.74	0.0	23.28	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	23.28	0.0	0.0	0.0	0.0	1541.88
						49.0	23.28	-125.87	0.0	0.0	0.0	0.0
47	90	1666.81	0.0	0.0	-272.13	0.0	20.11	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	20.11	0.0	0.0	0.0	0.0	1666.81
						49.0	20.11	-136.07	0.0	0.0	0.0	0.0
47	91	1541.88	0.0	0.0	-251.74	0.0	23.28	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	23.28	0.0	0.0	0.0	0.0	1541.88
						49.0	23.28	-125.87	0.0	0.0	0.0	0.0
47	92	1666.81	0.0	0.0	-272.13	0.0	22.32	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	22.32	0.0	0.0	0.0	0.0	1666.81
						49.0	22.32	-136.07	0.0	0.0	0.0	0.0
48	1	1095.44	0.0	0.0	-243.43	0.0	115.30	121.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	115.30	3.50e-06	0.0	0.0	0.0	1095.44
						36.0	115.30	-121.72	0.0	0.0	0.0	0.0
48	14	1054.80	0.0	0.0	-234.40	0.0	69.90	117.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	69.90	3.15e-06	0.0	0.0	0.0	1054.80
						36.0	69.90	-117.20	0.0	0.0	0.0	0.0
48	31	899.70	0.0	0.0	-199.93	0.0	-49.65	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-49.65	2.83e-06	0.0	0.0	0.0	899.70
						36.0	-49.65	-99.97	0.0	0.0	0.0	0.0
48	34	899.70	0.0	0.0	-199.93	0.0	226.57	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	226.57	2.83e-06	0.0	0.0	0.0	899.70
						36.0	226.57	-99.97	0.0	0.0	0.0	0.0
48	63	899.70	0.0	0.0	-199.93	0.0	-98.81	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-98.81	2.83e-06	0.0	0.0	0.0	899.70
						36.0	-98.81	-99.97	0.0	0.0	0.0	0.0
48	66	899.70	0.0	0.0	-199.93	0.0	275.74	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	275.74	2.83e-06	0.0	0.0	0.0	899.70
						36.0	275.74	-99.97	0.0	0.0	0.0	0.0
48	79	832.27	0.0	0.0	-184.95	0.0	88.60	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	88.60	2.72e-06	0.0	0.0	0.0	832.27
						36.0	88.60	-92.47	0.0	0.0	0.0	0.0
48	85	989.61	0.0	0.0	-219.91	0.0	76.21	109.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	76.21	2.99e-06	0.0	0.0	0.0	989.61
						36.0	76.21	-109.96	0.0	0.0	0.0	0.0
48	86	832.27	0.0	0.0	-184.95	0.0	88.60	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	88.60	2.72e-06	0.0	0.0	0.0	832.27
						36.0	88.60	-92.47	0.0	0.0	0.0	0.0
48	90	899.70	0.0	0.0	-199.93	0.0	86.05	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	86.05	2.83e-06	0.0	0.0	0.0	899.70
						36.0	86.05	-99.97	0.0	0.0	0.0	0.0
48	91	832.27	0.0	0.0	-184.95	0.0	88.60	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	88.60	2.72e-06	0.0	0.0	0.0	832.27
						36.0	88.60	-92.47	0.0	0.0	0.0	0.0
48	92	899.70	0.0	0.0	-199.93	0.0	88.46	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	88.46	2.83e-06	0.0	0.0	0.0	899.70
						36.0	88.46	-99.97	0.0	0.0	0.0	0.0
49	5	1516.90	0.0	0.0	-247.66	0.0	-289.12	123.83	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-289.12	0.0	0.0	0.0	0.0	1516.90
						49.0	-289.12	-123.83	0.0	0.0	0.0	0.0
49	11	2466.68	0.0	0.0	-402.72	0.0	-459.53	201.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-459.53	0.0	0.0	0.0	0.0	2466.68
						49.0	-459.53	-201.36	0.0	0.0	0.0	0.0
49	31	1666.81	0.0	0.0	-272.13	0.0	-434.14	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-434.14	0.0	0.0	0.0	0.0	1666.81
						49.0	-434.14	-136.07	0.0	0.0	0.0	0.0
49	34	1666.81	0.0	0.0	-272.13	0.0	-173.25	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-173.25	0.0	0.0	0.0	0.0	1666.81
						49.0	-173.25	-136.07	0.0	0.0	0.0	0.0
49	63	1666.81	0.0	0.0	-272.13	0.0	-480.58	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-480.58	0.0	0.0	0.0	0.0	1666.81
						49.0	-480.58	-136.07	0.0	0.0	0.0	0.0
49	66	1666.81	0.0	0.0	-272.13	0.0	-126.81	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-126.81	0.0	0.0	0.0	0.0	1666.81
						49.0	-126.81	-136.07	0.0	0.0	0.0	0.0
49	79	1541.88	0.0	0.0	-251.74	0.0	-293.15	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-293.15	0.0	0.0	0.0	0.0	1541.88
						49.0	-293.15	-125.87	0.0	0.0	0.0	0.0
49	85	1833.38	0.0	0.0	-299.33	0.0	-342.75	149.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-342.75	0.0	0.0	0.0	0.0	1833.38
						49.0	-342.75	-149.66	0.0	0.0	0.0	0.0
49	86	1541.88	0.0	0.0	-251.74	0.0	-293.15	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-293.15	0.0	0.0	0.0	0.0	1541.88
						49.0	-293.15	-125.87	0.0	0.0	0.0	0.0
49	87	1750.10	0.0	0.0	-285.73	0.0	-310.73	142.87	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.5	-310.73	0.0	0.0	0.0	0.0	1750.10
						49.0	-310.73	-142.87	0.0	0.0	0.0	0.0
49	91	1541.88	0.0	0.0	-251.74	0.0	-293.15	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-293.15	0.0	0.0	0.0	0.0	1541.88
						49.0	-293.15	-125.87	0.0	0.0	0.0	0.0
49	92	1666.81	0.0	0.0	-272.13	0.0	-303.70	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-303.70	0.0	0.0	0.0	0.0	1666.81
						49.0	-303.70	-136.07	0.0	0.0	0.0	0.0
50	4	186.81	0.0	0.0	-114.96	0.0	-1290.74	57.48	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-1290.74	0.0	0.0	0.0	0.0	186.81
						13.0	-1290.74	-57.48	0.0	0.0	0.0	0.0
50	5	106.77	0.0	0.0	-65.70	0.0	-834.29	32.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-834.29	0.0	0.0	0.0	0.0	106.77
						13.0	-834.29	-32.85	0.0	0.0	0.0	0.0
50	44	117.32	0.0	0.0	-72.20	0.0	-751.61	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-751.61	0.0	0.0	0.0	0.0	117.32
						13.0	-751.61	-36.10	0.0	0.0	0.0	0.0
50	45	117.32	0.0	0.0	-72.20	0.0	-994.84	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-994.84	0.0	0.0	0.0	0.0	117.32
						13.0	-994.84	-36.10	0.0	0.0	0.0	0.0
50	76	117.32	0.0	0.0	-72.20	0.0	-708.32	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-708.32	0.0	0.0	0.0	0.0	117.32
						13.0	-708.32	-36.10	0.0	0.0	0.0	0.0
50	77	117.32	0.0	0.0	-72.20	0.0	-1038.13	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-1038.13	0.0	0.0	0.0	0.0	117.32
						13.0	-1038.13	-36.10	0.0	0.0	0.0	0.0
50	79	108.53	0.0	0.0	-66.79	0.0	-845.34	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-845.34	0.0	0.0	0.0	0.0	108.53
						13.0	-845.34	-33.39	0.0	0.0	0.0	0.0
50	82	137.84	0.0	0.0	-84.82	0.0	-965.84	42.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-965.84	0.0	0.0	0.0	0.0	137.84
						13.0	-965.84	-42.41	0.0	0.0	0.0	0.0
50	86	108.53	0.0	0.0	-66.79	0.0	-845.34	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-845.34	0.0	0.0	0.0	0.0	108.53
						13.0	-845.34	-33.39	0.0	0.0	0.0	0.0
50	87	123.18	0.0	0.0	-75.81	0.0	-891.81	37.90	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-891.81	0.0	0.0	0.0	0.0	123.18
						13.0	-891.81	-37.90	0.0	0.0	0.0	0.0
50	91	108.53	0.0	0.0	-66.79	0.0	-845.34	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-845.34	0.0	0.0	0.0	0.0	108.53
						13.0	-845.34	-33.39	0.0	0.0	0.0	0.0
50	92	117.32	0.0	0.0	-72.20	0.0	-873.22	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-873.22	0.0	0.0	0.0	0.0	117.32
						13.0	-873.22	-36.10	0.0	0.0	0.0	0.0
51	5	482.14	0.0	0.0	-139.62	0.0	-203.41	69.81	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-203.41	-1.06e-06	0.0	0.0	0.0	482.14
						27.6	-203.41	-69.81	0.0	0.0	0.0	0.0
51	11	784.02	0.0	0.0	-227.05	0.0	-381.00	113.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-381.00	0.0	0.0	0.0	0.0	784.02
						27.6	-381.00	-113.52	0.0	0.0	0.0	0.0
51	31	529.78	0.0	0.0	-153.42	0.0	-332.09	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-332.09	0.0	0.0	0.0	0.0	529.78
						27.6	-332.09	-76.71	0.0	0.0	0.0	0.0
51	34	529.78	0.0	0.0	-153.42	0.0	-105.23	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-105.23	0.0	0.0	0.0	0.0	529.78
						27.6	-105.23	-76.71	0.0	0.0	0.0	0.0
51	63	529.78	0.0	0.0	-153.42	0.0	-372.48	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-372.48	0.0	0.0	0.0	0.0	529.78
						27.6	-372.48	-76.71	0.0	0.0	0.0	0.0
51	66	529.78	0.0	0.0	-153.42	0.0	-64.85	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-64.85	0.0	0.0	0.0	0.0	529.78
						27.6	-64.85	-76.71	0.0	0.0	0.0	0.0
51	79	490.08	0.0	0.0	-141.92	0.0	-207.94	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-207.94	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-207.94	-70.96	0.0	0.0	0.0	0.0
51	85	582.73	0.0	0.0	-168.75	0.0	-278.70	84.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-278.70	0.0	0.0	0.0	0.0	582.73
						27.6	-278.70	-84.38	0.0	0.0	0.0	0.0
51	86	490.08	0.0	0.0	-141.92	0.0	-207.94	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-207.94	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-207.94	-70.96	0.0	0.0	0.0	0.0
51	90	529.78	0.0	0.0	-153.42	0.0	-227.81	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-227.81	0.0	0.0	0.0	0.0	529.78
						27.6	-227.81	-76.71	0.0	0.0	0.0	0.0
51	91	490.08	0.0	0.0	-141.92	0.0	-207.94	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-207.94	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-207.94	-70.96	0.0	0.0	0.0	0.0

51	92	529.78	0.0	0.0	-153.42	0.0	-218.66	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-218.66	0.0	0.0	0.0	0.0	529.78
						27.6	-218.66	-76.71	0.0	0.0	0.0	0.0
52	4	3374.31	0.0	0.0	-488.59	0.0	-121.78	244.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-121.78	0.0	0.0	0.0	0.0	3374.31
						55.2	-121.78	-244.29	0.0	0.0	0.0	0.0
52	5	1928.54	0.0	0.0	-279.25	0.0	-75.56	139.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-75.56	-2.12e-06	0.0	0.0	0.0	1928.54
						55.2	-75.56	-139.62	0.0	0.0	0.0	0.0
52	31	2119.14	0.0	0.0	-306.84	0.0	-131.98	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-131.98	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-131.98	-153.42	0.0	0.0	0.0	0.0
52	34	2119.14	0.0	0.0	-306.84	0.0	-29.33	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-29.33	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-29.33	-153.42	0.0	0.0	0.0	0.0
52	63	2119.14	0.0	0.0	-306.84	0.0	-150.25	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-150.25	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-150.25	-153.42	0.0	0.0	0.0	0.0
52	66	2119.14	0.0	0.0	-306.84	0.0	-11.06	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-11.06	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-11.06	-153.42	0.0	0.0	0.0	0.0
52	79	1960.31	0.0	0.0	-283.85	0.0	-76.81	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-76.81	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-76.81	-141.92	0.0	0.0	0.0	0.0
52	82	2489.74	0.0	0.0	-360.50	0.0	-90.59	180.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-90.59	0.0	0.0	0.0	0.0	2489.74
						55.2	-90.59	-180.25	0.0	0.0	0.0	0.0
52	86	1960.31	0.0	0.0	-283.85	0.0	-76.81	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-76.81	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-76.81	-141.92	0.0	0.0	0.0	0.0
52	87	2225.02	0.0	0.0	-322.18	0.0	-83.22	161.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-83.22	-1.38e-06	0.0	0.0	0.0	2225.02
						55.2	-83.22	-161.09	0.0	0.0	0.0	0.0
52	91	1960.31	0.0	0.0	-283.85	0.0	-76.81	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-76.81	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	-76.81	-141.92	0.0	0.0	0.0	0.0
52	92	2119.14	0.0	0.0	-306.84	0.0	-80.66	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-80.66	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-80.66	-153.42	0.0	0.0	0.0	0.0
53	4	835.96	0.0	0.0	-243.19	0.0	-225.67	121.59	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-225.67	1.21e-06	0.0	0.0	0.0	835.96
						27.5	-225.67	-121.59	0.0	0.0	0.0	0.0
53	5	477.78	0.0	0.0	-138.99	0.0	-146.07	69.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-146.07	0.0	0.0	0.0	0.0	477.78
						27.5	-146.07	-69.50	0.0	0.0	0.0	0.0
53	32	525.00	0.0	0.0	-152.73	0.0	-51.31	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-51.31	0.0	0.0	0.0	0.0	525.00
						27.5	-51.31	-76.36	0.0	0.0	0.0	0.0
53	33	525.00	0.0	0.0	-152.73	0.0	-255.06	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-255.06	0.0	0.0	0.0	0.0	525.00
						27.5	-255.06	-76.36	0.0	0.0	0.0	0.0
53	64	525.00	0.0	0.0	-152.73	0.0	-15.05	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-15.05	0.0	0.0	0.0	0.0	525.00
						27.5	-15.05	-76.36	0.0	0.0	0.0	0.0
53	65	525.00	0.0	0.0	-152.73	0.0	-291.32	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-291.32	0.0	0.0	0.0	0.0	525.00
						27.5	-291.32	-76.36	0.0	0.0	0.0	0.0
53	79	485.65	0.0	0.0	-141.28	0.0	-148.11	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-148.11	0.0	0.0	0.0	0.0	485.65
						27.5	-148.11	-70.64	0.0	0.0	0.0	0.0
53	82	616.81	0.0	0.0	-179.44	0.0	-168.83	89.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-168.83	0.0	0.0	0.0	0.0	616.81
						27.5	-168.83	-89.72	0.0	0.0	0.0	0.0
53	86	485.65	0.0	0.0	-141.28	0.0	-148.11	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-148.11	0.0	0.0	0.0	0.0	485.65
						27.5	-148.11	-70.64	0.0	0.0	0.0	0.0
53	87	551.23	0.0	0.0	-160.36	0.0	-156.57	80.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-156.57	0.0	0.0	0.0	0.0	551.23
						27.5	-156.57	-80.18	0.0	0.0	0.0	0.0
53	91	485.65	0.0	0.0	-141.28	0.0	-148.11	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-148.11	0.0	0.0	0.0	0.0	485.65
						27.5	-148.11	-70.64	0.0	0.0	0.0	0.0
53	92	525.00	0.0	0.0	-152.73	0.0	-153.19	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-153.19	0.0	0.0	0.0	0.0	525.00
						27.5	-153.19	-76.36	0.0	0.0	0.0	0.0
54	4	851.23	0.0	0.0	-245.40	0.0	-281.14	122.70	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-281.14	-2.11e-06	0.0	0.0	0.0	851.23

						27.8	-281.14	-122.70	0.0	0.0	0.0	0.0
54	5	486.51	0.0	0.0	-140.25	0.0	-178.84	70.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-178.84	-1.21e-06	0.0	0.0	0.0	486.51
						27.8	-178.84	-70.13	0.0	0.0	0.0	0.0
54	31	534.59	0.0	0.0	-154.12	0.0	-315.62	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-315.62	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-315.62	-77.06	0.0	0.0	0.0	0.0
54	34	534.59	0.0	0.0	-154.12	0.0	-61.78	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-61.78	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-61.78	-77.06	0.0	0.0	0.0	0.0
54	63	534.59	0.0	0.0	-154.12	0.0	-360.81	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-360.81	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-360.81	-77.06	0.0	0.0	0.0	0.0
54	66	534.59	0.0	0.0	-154.12	0.0	-16.60	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-16.60	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-16.60	-77.06	0.0	0.0	0.0	0.0
54	79	494.52	0.0	0.0	-142.56	0.0	-181.26	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-181.26	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-181.26	-71.28	0.0	0.0	0.0	0.0
54	82	628.08	0.0	0.0	-181.07	0.0	-209.97	90.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-209.97	-1.57e-06	0.0	0.0	0.0	628.08
						27.8	-209.97	-90.53	0.0	0.0	0.0	0.0
54	86	494.52	0.0	0.0	-142.56	0.0	-181.26	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-181.26	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-181.26	-71.28	0.0	0.0	0.0	0.0
54	87	561.30	0.0	0.0	-161.82	0.0	-193.66	80.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-193.66	-1.38e-06	0.0	0.0	0.0	561.30
						27.8	-193.66	-80.91	0.0	0.0	0.0	0.0
54	91	494.52	0.0	0.0	-142.56	0.0	-181.26	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-181.26	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-181.26	-71.28	0.0	0.0	0.0	0.0
54	92	534.59	0.0	0.0	-154.12	0.0	-188.70	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-188.70	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-188.70	-77.06	0.0	0.0	0.0	0.0
55	5	635.11	0.0	0.0	-104.76	0.0	319.43	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	319.43	1.07e-06	0.0	0.0	0.0	635.11
						48.5	319.43	-52.38	0.0	0.0	0.0	0.0
55	11	825.64	0.0	0.0	-136.19	0.0	807.64	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	807.64	1.39e-06	0.0	0.0	0.0	825.64
						48.5	807.64	-68.09	0.0	0.0	0.0	0.0
55	43	635.11	0.0	0.0	-104.76	0.0	292.38	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	292.38	1.07e-06	0.0	0.0	0.0	635.11
						48.5	292.38	-52.38	0.0	0.0	0.0	0.0
55	46	635.11	0.0	0.0	-104.76	0.0	426.63	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	426.63	1.07e-06	0.0	0.0	0.0	635.11
						48.5	426.63	-52.38	0.0	0.0	0.0	0.0
55	75	635.11	0.0	0.0	-104.76	0.0	268.48	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	268.48	1.07e-06	0.0	0.0	0.0	635.11
						48.5	268.48	-52.38	0.0	0.0	0.0	0.0
55	78	635.11	0.0	0.0	-104.76	0.0	450.53	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	450.53	1.07e-06	0.0	0.0	0.0	635.11
						48.5	450.53	-52.38	0.0	0.0	0.0	0.0
55	79	635.11	0.0	0.0	-104.76	0.0	333.89	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	333.89	1.07e-06	0.0	0.0	0.0	635.11
						48.5	333.89	-52.38	0.0	0.0	0.0	0.0
55	85	635.11	0.0	0.0	-104.76	0.0	573.31	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	573.31	1.07e-06	0.0	0.0	0.0	635.11
						48.5	573.31	-52.38	0.0	0.0	0.0	0.0
55	86	635.11	0.0	0.0	-104.76	0.0	333.89	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	333.89	1.07e-06	0.0	0.0	0.0	635.11
						48.5	333.89	-52.38	0.0	0.0	0.0	0.0
55	90	635.11	0.0	0.0	-104.76	0.0	395.43	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	395.43	1.07e-06	0.0	0.0	0.0	635.11
						48.5	395.43	-52.38	0.0	0.0	0.0	0.0
55	91	635.11	0.0	0.0	-104.76	0.0	333.89	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	333.89	1.07e-06	0.0	0.0	0.0	635.11
						48.5	333.89	-52.38	0.0	0.0	0.0	0.0
55	92	635.11	0.0	0.0	-104.76	0.0	359.50	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	359.50	1.07e-06	0.0	0.0	0.0	635.11
						48.5	359.50	-52.38	0.0	0.0	0.0	0.0
56	5	1026.75	0.0	0.0	-133.20	0.0	386.43	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	386.43	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	386.43	-66.60	0.0	0.0	0.0	0.0
56	11	1334.78	0.0	0.0	-173.16	0.0	927.45	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	927.45	-1.98e-06	0.0	0.0	0.0	1334.78
						61.7	927.45	-86.58	0.0	0.0	0.0	0.0
56	16	1026.75	0.0	0.0	-133.20	0.0	379.48	66.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	30.8	379.48	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	379.48	-66.60	0.0	0.0	0.0	0.0
56	17	1026.75	0.0	0.0	-133.20	0.0	483.68	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	483.68	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	483.68	-66.60	0.0	0.0	0.0	0.0
56	48	1026.75	0.0	0.0	-133.20	0.0	360.93	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	360.93	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	360.93	-66.60	0.0	0.0	0.0	0.0
56	49	1026.75	0.0	0.0	-133.20	0.0	502.22	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	502.22	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	502.22	-66.60	0.0	0.0	0.0	0.0
56	79	1026.75	0.0	0.0	-133.20	0.0	402.53	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	402.53	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	402.53	-66.60	0.0	0.0	0.0	0.0
56	85	1026.75	0.0	0.0	-133.20	0.0	661.24	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	661.24	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	661.24	-66.60	0.0	0.0	0.0	0.0
56	86	1026.75	0.0	0.0	-133.20	0.0	402.53	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	402.53	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	402.53	-66.60	0.0	0.0	0.0	0.0
56	90	1026.75	0.0	0.0	-133.20	0.0	469.76	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	469.76	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	469.76	-66.60	0.0	0.0	0.0	0.0
56	91	1026.75	0.0	0.0	-133.20	0.0	402.53	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	402.53	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	402.53	-66.60	0.0	0.0	0.0	0.0
56	92	1026.75	0.0	0.0	-133.20	0.0	431.58	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	431.58	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	431.58	-66.60	0.0	0.0	0.0	0.0
57	5	702.27	0.0	0.0	-110.16	0.0	305.04	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	305.04	1.83e-06	0.0	0.0	0.0	702.27
						51.0	305.04	-55.08	0.0	0.0	0.0	0.0
57	11	912.95	0.0	0.0	-143.21	0.0	760.20	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	760.20	2.38e-06	0.0	0.0	0.0	912.95
						51.0	760.20	-71.60	0.0	0.0	0.0	0.0
57	36	702.27	0.0	0.0	-110.16	0.0	387.97	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	387.97	1.83e-06	0.0	0.0	0.0	702.27
						51.0	387.97	-55.08	0.0	0.0	0.0	0.0
57	37	702.27	0.0	0.0	-110.16	0.0	294.42	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	294.42	1.83e-06	0.0	0.0	0.0	702.27
						51.0	294.42	-55.08	0.0	0.0	0.0	0.0
57	68	702.27	0.0	0.0	-110.16	0.0	404.63	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	404.63	1.83e-06	0.0	0.0	0.0	702.27
						51.0	404.63	-55.08	0.0	0.0	0.0	0.0
57	69	702.27	0.0	0.0	-110.16	0.0	277.76	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	277.76	1.83e-06	0.0	0.0	0.0	702.27
						51.0	277.76	-55.08	0.0	0.0	0.0	0.0
57	79	702.27	0.0	0.0	-110.16	0.0	318.20	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	318.20	1.83e-06	0.0	0.0	0.0	702.27
						51.0	318.20	-55.08	0.0	0.0	0.0	0.0
57	85	702.27	0.0	0.0	-110.16	0.0	540.45	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	540.45	1.83e-06	0.0	0.0	0.0	702.27
						51.0	540.45	-55.08	0.0	0.0	0.0	0.0
57	86	702.27	0.0	0.0	-110.16	0.0	318.20	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	318.20	1.83e-06	0.0	0.0	0.0	702.27
						51.0	318.20	-55.08	0.0	0.0	0.0	0.0
57	90	702.27	0.0	0.0	-110.16	0.0	374.91	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	374.91	1.83e-06	0.0	0.0	0.0	702.27
						51.0	374.91	-55.08	0.0	0.0	0.0	0.0
57	91	702.27	0.0	0.0	-110.16	0.0	318.20	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	318.20	1.83e-06	0.0	0.0	0.0	702.27
						51.0	318.20	-55.08	0.0	0.0	0.0	0.0
57	92	702.27	0.0	0.0	-110.16	0.0	341.20	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	341.20	1.83e-06	0.0	0.0	0.0	702.27
						51.0	341.20	-55.08	0.0	0.0	0.0	0.0
58	5	635.11	0.0	0.0	-104.76	0.0	359.48	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	359.48	1.07e-06	0.0	0.0	0.0	635.11
						48.5	359.48	-52.38	0.0	0.0	0.0	0.0
58	11	825.64	0.0	0.0	-136.19	0.0	825.90	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	825.90	1.39e-06	0.0	0.0	0.0	825.64
						48.5	825.90	-68.09	0.0	0.0	0.0	0.0
58	15	635.11	0.0	0.0	-104.76	0.0	316.19	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	316.19	1.07e-06	0.0	0.0	0.0	635.11
						48.5	316.19	-52.38	0.0	0.0	0.0	0.0
58	18	635.11	0.0	0.0	-104.76	0.0	480.38	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	480.38	1.07e-06	0.0	0.0	0.0	635.11
						48.5	480.38	-52.38	0.0	0.0	0.0	0.0

58	47	635.11	0.0	0.0	-104.76	0.0	286.96	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	286.96	1.07e-06	0.0	0.0	0.0	635.11
						48.5	286.96	-52.38	0.0	0.0	0.0	0.0
58	50	635.11	0.0	0.0	-104.76	0.0	509.60	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	509.60	1.07e-06	0.0	0.0	0.0	635.11
						48.5	509.60	-52.38	0.0	0.0	0.0	0.0
58	79	635.11	0.0	0.0	-104.76	0.0	373.20	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	373.20	1.07e-06	0.0	0.0	0.0	635.11
						48.5	373.20	-52.38	0.0	0.0	0.0	0.0
58	85	635.11	0.0	0.0	-104.76	0.0	591.21	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	591.21	1.07e-06	0.0	0.0	0.0	635.11
						48.5	591.21	-52.38	0.0	0.0	0.0	0.0
58	86	635.11	0.0	0.0	-104.76	0.0	373.20	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	373.20	1.07e-06	0.0	0.0	0.0	635.11
						48.5	373.20	-52.38	0.0	0.0	0.0	0.0
58	90	635.11	0.0	0.0	-104.76	0.0	430.18	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	430.18	1.07e-06	0.0	0.0	0.0	635.11
						48.5	430.18	-52.38	0.0	0.0	0.0	0.0
58	91	635.11	0.0	0.0	-104.76	0.0	373.20	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	373.20	1.07e-06	0.0	0.0	0.0	635.11
						48.5	373.20	-52.38	0.0	0.0	0.0	0.0
58	92	635.11	0.0	0.0	-104.76	0.0	398.28	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	398.28	1.07e-06	0.0	0.0	0.0	635.11
						48.5	398.28	-52.38	0.0	0.0	0.0	0.0
59	5	635.11	0.0	0.0	-104.76	0.0	253.89	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	253.89	1.07e-06	0.0	0.0	0.0	635.11
						48.5	253.89	-52.38	0.0	0.0	0.0	0.0
59	11	825.64	0.0	0.0	-136.19	0.0	669.14	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	669.14	1.39e-06	0.0	0.0	0.0	825.64
						48.5	669.14	-68.09	0.0	0.0	0.0	0.0
59	43	635.11	0.0	0.0	-104.76	0.0	211.04	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	211.04	1.07e-06	0.0	0.0	0.0	635.11
						48.5	211.04	-52.38	0.0	0.0	0.0	0.0
59	46	635.11	0.0	0.0	-104.76	0.0	365.46	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	365.46	1.07e-06	0.0	0.0	0.0	635.11
						48.5	365.46	-52.38	0.0	0.0	0.0	0.0
59	75	635.11	0.0	0.0	-104.76	0.0	183.55	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	183.55	1.07e-06	0.0	0.0	0.0	635.11
						48.5	183.55	-52.38	0.0	0.0	0.0	0.0
59	78	635.11	0.0	0.0	-104.76	0.0	392.95	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	392.95	1.07e-06	0.0	0.0	0.0	635.11
						48.5	392.95	-52.38	0.0	0.0	0.0	0.0
59	79	635.11	0.0	0.0	-104.76	0.0	266.33	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	266.33	1.07e-06	0.0	0.0	0.0	635.11
						48.5	266.33	-52.38	0.0	0.0	0.0	0.0
59	85	635.11	0.0	0.0	-104.76	0.0	473.32	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	473.32	1.07e-06	0.0	0.0	0.0	635.11
						48.5	473.32	-52.38	0.0	0.0	0.0	0.0
59	86	635.11	0.0	0.0	-104.76	0.0	266.33	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	266.33	1.07e-06	0.0	0.0	0.0	635.11
						48.5	266.33	-52.38	0.0	0.0	0.0	0.0
59	90	635.11	0.0	0.0	-104.76	0.0	319.42	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	319.42	1.07e-06	0.0	0.0	0.0	635.11
						48.5	319.42	-52.38	0.0	0.0	0.0	0.0
59	91	635.11	0.0	0.0	-104.76	0.0	266.33	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	266.33	1.07e-06	0.0	0.0	0.0	635.11
						48.5	266.33	-52.38	0.0	0.0	0.0	0.0
59	92	635.11	0.0	0.0	-104.76	0.0	288.25	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	288.25	1.07e-06	0.0	0.0	0.0	635.11
						48.5	288.25	-52.38	0.0	0.0	0.0	0.0
60	5	1026.75	0.0	0.0	-133.20	0.0	270.18	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	270.18	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	270.18	-66.60	0.0	0.0	0.0	0.0
60	11	1334.77	0.0	0.0	-173.16	0.0	712.41	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	712.41	-1.98e-06	0.0	0.0	0.0	1334.77
						61.7	712.41	-86.58	0.0	0.0	0.0	0.0
60	16	1026.75	0.0	0.0	-133.20	0.0	250.43	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	250.43	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	250.43	-66.60	0.0	0.0	0.0	0.0
60	17	1026.75	0.0	0.0	-133.20	0.0	367.69	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	367.69	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	367.69	-66.60	0.0	0.0	0.0	0.0
60	48	1026.75	0.0	0.0	-133.20	0.0	229.55	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	229.55	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	229.55	-66.60	0.0	0.0	0.0	0.0
60	49	1026.75	0.0	0.0	-133.20	0.0	388.56	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	388.56	-1.53e-06	0.0	0.0	0.0	1026.75

60	79	1026.75	0.0	0.0	-133.20	61.7	388.56	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	283.99	66.60	0.0	0.0	0.0	0.0
						30.8	283.99	-1.53e-06	0.0	0.0	0.0	1026.75
60	85	1026.75	0.0	0.0	-133.20	61.7	283.99	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	503.60	66.60	0.0	0.0	0.0	0.0
						30.8	503.60	-1.53e-06	0.0	0.0	0.0	1026.75
60	86	1026.75	0.0	0.0	-133.20	61.7	503.60	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	283.99	66.60	0.0	0.0	0.0	0.0
						30.8	283.99	-1.53e-06	0.0	0.0	0.0	1026.75
60	90	1026.75	0.0	0.0	-133.20	61.7	283.99	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	341.28	66.60	0.0	0.0	0.0	0.0
						30.8	341.28	-1.53e-06	0.0	0.0	0.0	1026.75
60	91	1026.75	0.0	0.0	-133.20	61.7	341.28	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	283.99	66.60	0.0	0.0	0.0	0.0
						30.8	283.99	-1.53e-06	0.0	0.0	0.0	1026.75
60	92	1026.75	0.0	0.0	-133.20	61.7	283.99	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	309.06	66.60	0.0	0.0	0.0	0.0
						30.8	309.06	-1.53e-06	0.0	0.0	0.0	1026.75
61	5	758.43	0.0	0.0	-114.48	61.7	309.06	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	327.77	57.24	0.0	0.0	0.0	0.0
						26.5	327.77	1.68e-06	0.0	0.0	0.0	758.43
61	11	985.96	0.0	0.0	-148.82	53.0	327.77	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	845.46	74.41	0.0	0.0	0.0	0.0
						26.5	845.46	2.18e-06	0.0	0.0	0.0	985.96
61	39	758.43	0.0	0.0	-114.48	53.0	845.46	-74.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	415.59	57.24	0.0	0.0	0.0	0.0
						26.5	415.59	1.68e-06	0.0	0.0	0.0	758.43
61	42	758.43	0.0	0.0	-114.48	53.0	415.59	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	324.94	57.24	0.0	0.0	0.0	0.0
						26.5	324.94	1.68e-06	0.0	0.0	0.0	758.43
61	71	758.43	0.0	0.0	-114.48	53.0	324.94	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	431.73	57.24	0.0	0.0	0.0	0.0
						26.5	431.73	1.68e-06	0.0	0.0	0.0	758.43
61	74	758.43	0.0	0.0	-114.48	53.0	431.73	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	308.80	57.24	0.0	0.0	0.0	0.0
						26.5	308.80	1.68e-06	0.0	0.0	0.0	758.43
61	79	758.43	0.0	0.0	-114.48	53.0	308.80	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	343.12	57.24	0.0	0.0	0.0	0.0
						26.5	343.12	1.68e-06	0.0	0.0	0.0	758.43
61	85	758.43	0.0	0.0	-114.48	53.0	343.12	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	599.16	57.24	0.0	0.0	0.0	0.0
						26.5	599.16	1.68e-06	0.0	0.0	0.0	758.43
61	86	758.43	0.0	0.0	-114.48	53.0	599.16	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	343.12	57.24	0.0	0.0	0.0	0.0
						26.5	343.12	1.68e-06	0.0	0.0	0.0	758.43
61	90	758.43	0.0	0.0	-114.48	53.0	343.12	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	408.81	57.24	0.0	0.0	0.0	0.0
						26.5	408.81	1.68e-06	0.0	0.0	0.0	758.43
61	91	758.43	0.0	0.0	-114.48	53.0	408.81	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	343.12	57.24	0.0	0.0	0.0	0.0
						26.5	343.12	1.68e-06	0.0	0.0	0.0	758.43
61	92	758.43	0.0	0.0	-114.48	53.0	343.12	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	370.27	57.24	0.0	0.0	0.0	0.0
						26.5	370.27	1.68e-06	0.0	0.0	0.0	758.43
62	5	1004.67	0.0	0.0	-131.76	53.0	370.27	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	379.46	65.88	0.0	0.0	0.0	0.0
						30.5	379.46	-2.75e-06	0.0	0.0	0.0	1004.67
62	11	1306.07	0.0	0.0	-171.29	61.0	379.46	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	911.20	85.64	0.0	0.0	0.0	0.0
						30.5	911.20	-3.57e-06	0.0	0.0	0.0	1306.07
62	20	1004.67	0.0	0.0	-131.76	61.0	911.20	-85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	491.09	65.88	0.0	0.0	0.0	0.0
						30.5	491.09	-2.75e-06	0.0	0.0	0.0	1004.67
62	21	1004.67	0.0	0.0	-131.76	61.0	491.09	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	355.64	65.88	0.0	0.0	0.0	0.0
						30.5	355.64	-2.75e-06	0.0	0.0	0.0	1004.67
62	52	1004.67	0.0	0.0	-131.76	61.0	355.64	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	515.20	65.88	0.0	0.0	0.0	0.0
						30.5	515.20	-2.75e-06	0.0	0.0	0.0	1004.67
62	53	1004.67	0.0	0.0	-131.76	61.0	515.20	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	331.53	65.88	0.0	0.0	0.0	0.0
						30.5	331.53	-2.75e-06	0.0	0.0	0.0	1004.67
62	79	1004.67	0.0	0.0	-131.76	61.0	331.53	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	395.17	65.88	0.0	0.0	0.0	0.0
						30.5	395.17	-2.75e-06	0.0	0.0	0.0	1004.67
62	85	1004.67	0.0	0.0	-131.76	61.0	395.17	-65.88	0.0	0.0	0.0	0.0
						0.0	649.69	65.88	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	30.5	649.69	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	649.69	-65.88	0.0	0.0	0.0	0.0
62	86	1004.67	0.0	0.0	-131.76	0.0	395.17	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	395.17	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	395.17	-65.88	0.0	0.0	0.0	0.0
62	90	1004.67	0.0	0.0	-131.76	0.0	461.11	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	461.11	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	461.11	-65.88	0.0	0.0	0.0	0.0
62	91	1004.67	0.0	0.0	-131.76	0.0	395.17	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	395.17	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	395.17	-65.88	0.0	0.0	0.0	0.0
62	92	1004.67	0.0	0.0	-131.76	0.0	423.36	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	423.36	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	423.36	-65.88	0.0	0.0	0.0	0.0
63	5	972.00	0.0	0.0	-129.60	0.0	228.14	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	228.14	3.05e-06	0.0	0.0	0.0	972.00
						60.0	228.14	-64.80	0.0	0.0	0.0	0.0
63	11	1263.60	0.0	0.0	-168.48	0.0	625.78	84.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	625.78	3.97e-06	0.0	0.0	0.0	1263.60
						60.0	625.78	-84.24	0.0	0.0	0.0	0.0
63	27	972.00	0.0	0.0	-129.60	0.0	315.41	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	315.41	3.05e-06	0.0	0.0	0.0	972.00
						60.0	315.41	-64.80	0.0	0.0	0.0	0.0
63	30	972.00	0.0	0.0	-129.60	0.0	206.60	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	206.60	3.05e-06	0.0	0.0	0.0	972.00
						60.0	206.60	-64.80	0.0	0.0	0.0	0.0
63	59	972.00	0.0	0.0	-129.60	0.0	334.78	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	334.78	3.05e-06	0.0	0.0	0.0	972.00
						60.0	334.78	-64.80	0.0	0.0	0.0	0.0
63	62	972.00	0.0	0.0	-129.60	0.0	187.23	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	187.23	3.05e-06	0.0	0.0	0.0	972.00
						60.0	187.23	-64.80	0.0	0.0	0.0	0.0
63	79	972.00	0.0	0.0	-129.60	0.0	240.06	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	240.06	3.05e-06	0.0	0.0	0.0	972.00
						60.0	240.06	-64.80	0.0	0.0	0.0	0.0
63	85	972.00	0.0	0.0	-129.60	0.0	441.25	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	441.25	3.05e-06	0.0	0.0	0.0	972.00
						60.0	441.25	-64.80	0.0	0.0	0.0	0.0
63	86	972.00	0.0	0.0	-129.60	0.0	240.06	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	240.06	3.05e-06	0.0	0.0	0.0	972.00
						60.0	240.06	-64.80	0.0	0.0	0.0	0.0
63	90	972.00	0.0	0.0	-129.60	0.0	291.47	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	291.47	3.05e-06	0.0	0.0	0.0	972.00
						60.0	291.47	-64.80	0.0	0.0	0.0	0.0
63	91	972.00	0.0	0.0	-129.60	0.0	240.06	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	240.06	3.05e-06	0.0	0.0	0.0	972.00
						60.0	240.06	-64.80	0.0	0.0	0.0	0.0
63	92	972.00	0.0	0.0	-129.60	0.0	261.00	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	261.00	3.05e-06	0.0	0.0	0.0	972.00
						60.0	261.00	-64.80	0.0	0.0	0.0	0.0
64	5	1004.67	0.0	0.0	-131.76	0.0	258.34	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	258.34	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	258.34	-65.88	0.0	0.0	0.0	0.0
64	11	1306.07	0.0	0.0	-171.29	0.0	676.07	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	676.07	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	676.07	-85.64	0.0	0.0	0.0	0.0
64	20	1004.67	0.0	0.0	-131.76	0.0	375.93	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	375.93	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	375.93	-65.88	0.0	0.0	0.0	0.0
64	21	1004.67	0.0	0.0	-131.76	0.0	212.88	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	212.88	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	212.88	-65.88	0.0	0.0	0.0	0.0
64	52	1004.67	0.0	0.0	-131.76	0.0	404.95	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	404.95	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	404.95	-65.88	0.0	0.0	0.0	0.0
64	53	1004.67	0.0	0.0	-131.76	0.0	183.85	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	183.85	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	183.85	-65.88	0.0	0.0	0.0	0.0
64	79	1004.67	0.0	0.0	-131.76	0.0	271.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	271.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	271.20	-65.88	0.0	0.0	0.0	0.0
64	85	1004.67	0.0	0.0	-131.76	0.0	478.29	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	478.29	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	478.29	-65.88	0.0	0.0	0.0	0.0
64	86	1004.67	0.0	0.0	-131.76	0.0	271.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	271.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	271.20	-65.88	0.0	0.0	0.0	0.0

64	90	1004.67	0.0	0.0	-131.76	0.0	324.99	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	324.99	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	324.99	-65.88	0.0	0.0	0.0	0.0
64	91	1004.67	0.0	0.0	-131.76	0.0	271.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	271.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	271.20	-65.88	0.0	0.0	0.0	0.0
64	92	1004.67	0.0	0.0	-131.76	0.0	294.40	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	294.40	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	294.40	-65.88	0.0	0.0	0.0	0.0
65	1	825.64	0.0	0.0	-136.19	0.0	-286.92	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-286.92	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-286.92	-68.09	0.0	0.0	0.0	0.0
65	14	635.11	0.0	0.0	-104.76	0.0	-168.91	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-168.91	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-168.91	-52.38	0.0	0.0	0.0	0.0
65	27	635.11	0.0	0.0	-104.76	0.0	-344.69	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-344.69	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-344.69	-52.38	0.0	0.0	0.0	0.0
65	30	635.11	0.0	0.0	-104.76	0.0	-94.54	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-94.54	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-94.54	-52.38	0.0	0.0	0.0	0.0
65	59	635.11	0.0	0.0	-104.76	0.0	-389.22	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-389.22	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-389.22	-52.38	0.0	0.0	0.0	0.0
65	62	635.11	0.0	0.0	-104.76	0.0	-50.01	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-50.01	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-50.01	-52.38	0.0	0.0	0.0	0.0
65	79	635.11	0.0	0.0	-104.76	0.0	-222.03	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-222.03	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-222.03	-52.38	0.0	0.0	0.0	0.0
65	85	635.11	0.0	0.0	-104.76	0.0	-185.47	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-185.47	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-185.47	-52.38	0.0	0.0	0.0	0.0
65	86	635.11	0.0	0.0	-104.76	0.0	-222.03	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-222.03	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-222.03	-52.38	0.0	0.0	0.0	0.0
65	90	635.11	0.0	0.0	-104.76	0.0	-213.43	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-213.43	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-213.43	-52.38	0.0	0.0	0.0	0.0
65	91	635.11	0.0	0.0	-104.76	0.0	-222.03	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-222.03	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-222.03	-52.38	0.0	0.0	0.0	0.0
65	92	635.11	0.0	0.0	-104.76	0.0	-219.61	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-219.61	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-219.61	-52.38	0.0	0.0	0.0	0.0
66	1	1334.78	0.0	0.0	-173.16	0.0	-576.79	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-576.79	-1.98e-06	0.0	0.0	0.0	1334.78
						61.7	-576.79	-86.58	0.0	0.0	0.0	0.0
66	14	1026.75	0.0	0.0	-133.20	0.0	-402.54	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-402.54	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-402.54	-66.60	0.0	0.0	0.0	0.0
66	32	1026.75	0.0	0.0	-133.20	0.0	-542.26	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-542.26	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-542.26	-66.60	0.0	0.0	0.0	0.0
66	33	1026.75	0.0	0.0	-133.20	0.0	-338.36	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-338.36	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-338.36	-66.60	0.0	0.0	0.0	0.0
66	64	1026.75	0.0	0.0	-133.20	0.0	-578.56	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-578.56	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-578.56	-66.60	0.0	0.0	0.0	0.0
66	65	1026.75	0.0	0.0	-133.20	0.0	-302.06	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-302.06	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-302.06	-66.60	0.0	0.0	0.0	0.0
66	79	1026.75	0.0	0.0	-133.20	0.0	-445.68	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-445.68	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-445.68	-66.60	0.0	0.0	0.0	0.0
66	85	1026.75	0.0	0.0	-133.20	0.0	-415.19	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-415.19	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-415.19	-66.60	0.0	0.0	0.0	0.0
66	86	1026.75	0.0	0.0	-133.20	0.0	-445.68	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-445.68	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-445.68	-66.60	0.0	0.0	0.0	0.0
66	90	1026.75	0.0	0.0	-133.20	0.0	-436.72	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-436.72	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-436.72	-66.60	0.0	0.0	0.0	0.0
66	91	1026.75	0.0	0.0	-133.20	0.0	-445.68	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-445.68	-1.53e-06	0.0	0.0	0.0	1026.75

66	92	1026.75	0.0	0.0	-133.20	61.7	-445.68	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-440.31	66.60	0.0	0.0	0.0	0.0
67	5	972.00	0.0	0.0	-129.60	30.8	-440.31	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	-440.31	-66.60	0.0	0.0	0.0	0.0
						0.0	-332.02	64.80	0.0	0.0	0.0	0.0
67	11	1263.60	0.0	0.0	-168.48	30.0	-332.02	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-332.02	-64.80	0.0	0.0	0.0	0.0
						0.0	-545.90	84.24	0.0	0.0	0.0	0.0
67	15	972.00	0.0	0.0	-129.60	30.0	-545.90	3.97e-06	0.0	0.0	0.0	1263.60
		0.0	0.0	0.0	0.0	60.0	-545.90	-84.24	0.0	0.0	0.0	0.0
						0.0	-216.45	64.80	0.0	0.0	0.0	0.0
67	18	972.00	0.0	0.0	-129.60	30.0	-216.45	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-216.45	-64.80	0.0	0.0	0.0	0.0
						0.0	-476.14	64.80	0.0	0.0	0.0	0.0
67	47	972.00	0.0	0.0	-129.60	30.0	-476.14	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-476.14	-64.80	0.0	0.0	0.0	0.0
						0.0	-170.23	64.80	0.0	0.0	0.0	0.0
67	50	972.00	0.0	0.0	-129.60	30.0	-170.23	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-170.23	-64.80	0.0	0.0	0.0	0.0
						0.0	-522.36	64.80	0.0	0.0	0.0	0.0
67	79	972.00	0.0	0.0	-129.60	30.0	-522.36	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-522.36	-64.80	0.0	0.0	0.0	0.0
						0.0	-336.91	64.80	0.0	0.0	0.0	0.0
67	85	972.00	0.0	0.0	-129.60	30.0	-336.91	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-336.91	-64.80	0.0	0.0	0.0	0.0
						0.0	-405.59	64.80	0.0	0.0	0.0	0.0
67	86	972.00	0.0	0.0	-129.60	30.0	-405.59	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-405.59	-64.80	0.0	0.0	0.0	0.0
						0.0	-336.91	64.80	0.0	0.0	0.0	0.0
67	90	972.00	0.0	0.0	-129.60	30.0	-336.91	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-336.91	-64.80	0.0	0.0	0.0	0.0
						0.0	-355.65	64.80	0.0	0.0	0.0	0.0
67	91	972.00	0.0	0.0	-129.60	30.0	-355.65	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-355.65	-64.80	0.0	0.0	0.0	0.0
						0.0	-336.91	64.80	0.0	0.0	0.0	0.0
67	92	972.00	0.0	0.0	-129.60	30.0	-336.91	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-336.91	-64.80	0.0	0.0	0.0	0.0
						0.0	-346.30	64.80	0.0	0.0	0.0	0.0
68	5	1004.67	0.0	0.0	-131.76	30.0	-346.30	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-346.30	-64.80	0.0	0.0	0.0	0.0
						0.0	-476.58	65.88	0.0	0.0	0.0	0.0
68	11	1306.07	0.0	0.0	-171.29	30.5	-476.58	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-476.58	-65.88	0.0	0.0	0.0	0.0
						0.0	-644.02	85.64	0.0	0.0	0.0	0.0
68	20	1004.67	0.0	0.0	-131.76	30.5	-644.02	-3.57e-06	0.0	0.0	0.0	1306.07
		0.0	0.0	0.0	0.0	61.0	-644.02	-85.64	0.0	0.0	0.0	0.0
						0.0	-345.54	65.88	0.0	0.0	0.0	0.0
68	21	1004.67	0.0	0.0	-131.76	30.5	-345.54	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-345.54	-65.88	0.0	0.0	0.0	0.0
						0.0	-609.44	65.88	0.0	0.0	0.0	0.0
68	52	1004.67	0.0	0.0	-131.76	30.5	-609.44	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-609.44	-65.88	0.0	0.0	0.0	0.0
						0.0	-298.57	65.88	0.0	0.0	0.0	0.0
68	53	1004.67	0.0	0.0	-131.76	30.5	-298.57	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-298.57	-65.88	0.0	0.0	0.0	0.0
						0.0	-656.42	65.88	0.0	0.0	0.0	0.0
68	79	1004.67	0.0	0.0	-131.76	30.5	-656.42	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-656.42	-65.88	0.0	0.0	0.0	0.0
						0.0	-477.06	65.88	0.0	0.0	0.0	0.0
68	85	1004.67	0.0	0.0	-131.76	30.5	-477.06	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-477.06	-65.88	0.0	0.0	0.0	0.0
						0.0	-492.63	65.88	0.0	0.0	0.0	0.0
68	86	1004.67	0.0	0.0	-131.76	30.5	-492.63	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-492.63	-65.88	0.0	0.0	0.0	0.0
						0.0	-477.06	65.88	0.0	0.0	0.0	0.0
68	90	1004.67	0.0	0.0	-131.76	30.5	-477.06	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-477.06	-65.88	0.0	0.0	0.0	0.0
						0.0	-480.40	65.88	0.0	0.0	0.0	0.0
68	91	1004.67	0.0	0.0	-131.76	30.5	-480.40	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-480.40	-65.88	0.0	0.0	0.0	0.0
						0.0	-477.06	65.88	0.0	0.0	0.0	0.0
68	92	1004.67	0.0	0.0	-131.76	30.5	-477.06	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-477.06	-65.88	0.0	0.0	0.0	0.0
						0.0	-477.49	65.88	0.0	0.0	0.0	0.0
69	5	635.11	0.0	0.0	-104.76	30.5	-477.49	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-477.49	-65.88	0.0	0.0	0.0	0.0
						0.0	-463.10	52.38	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.2	-463.10	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-463.10	-52.38	0.0	0.0	0.0	0.0
69	11	825.64	0.0	0.0	-136.19	0.0	-782.77	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-782.77	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-782.77	-68.09	0.0	0.0	0.0	0.0
69	27	635.11	0.0	0.0	-104.76	0.0	-617.56	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-617.56	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-617.56	-52.38	0.0	0.0	0.0	0.0
69	30	635.11	0.0	0.0	-104.76	0.0	-350.42	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-350.42	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-350.42	-52.38	0.0	0.0	0.0	0.0
69	59	635.11	0.0	0.0	-104.76	0.0	-665.12	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-665.12	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-665.12	-52.38	0.0	0.0	0.0	0.0
69	62	635.11	0.0	0.0	-104.76	0.0	-302.87	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-302.87	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-302.87	-52.38	0.0	0.0	0.0	0.0
69	79	635.11	0.0	0.0	-104.76	0.0	-470.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-470.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-470.35	-52.38	0.0	0.0	0.0	0.0
69	85	635.11	0.0	0.0	-104.76	0.0	-579.73	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-579.73	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-579.73	-52.38	0.0	0.0	0.0	0.0
69	86	635.11	0.0	0.0	-104.76	0.0	-470.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-470.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-470.35	-52.38	0.0	0.0	0.0	0.0
69	90	635.11	0.0	0.0	-104.76	0.0	-499.50	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-499.50	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-499.50	-52.38	0.0	0.0	0.0	0.0
69	91	635.11	0.0	0.0	-104.76	0.0	-470.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-470.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-470.35	-52.38	0.0	0.0	0.0	0.0
69	92	635.11	0.0	0.0	-104.76	0.0	-483.99	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-483.99	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-483.99	-52.38	0.0	0.0	0.0	0.0
70	5	675.00	0.0	0.0	-108.00	0.0	-858.58	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-858.58	0.0	0.0	0.0	0.0	675.00
						50.0	-858.58	-54.00	0.0	0.0	0.0	0.0
70	11	877.50	0.0	0.0	-140.40	0.0	-1255.05	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-1255.05	0.0	0.0	0.0	0.0	877.50
						50.0	-1255.05	-70.20	0.0	0.0	0.0	0.0
70	32	675.00	0.0	0.0	-108.00	0.0	-984.46	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-984.46	0.0	0.0	0.0	0.0	675.00
						50.0	-984.46	-54.00	0.0	0.0	0.0	0.0
70	33	675.00	0.0	0.0	-108.00	0.0	-755.55	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-755.55	0.0	0.0	0.0	0.0	675.00
						50.0	-755.55	-54.00	0.0	0.0	0.0	0.0
70	64	675.00	0.0	0.0	-108.00	0.0	-1025.21	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-1025.21	0.0	0.0	0.0	0.0	675.00
						50.0	-1025.21	-54.00	0.0	0.0	0.0	0.0
70	65	675.00	0.0	0.0	-108.00	0.0	-714.80	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-714.80	0.0	0.0	0.0	0.0	675.00
						50.0	-714.80	-54.00	0.0	0.0	0.0	0.0
70	79	675.00	0.0	0.0	-108.00	0.0	-862.98	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-862.98	0.0	0.0	0.0	0.0	675.00
						50.0	-862.98	-54.00	0.0	0.0	0.0	0.0
70	85	675.00	0.0	0.0	-108.00	0.0	-948.83	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-948.83	0.0	0.0	0.0	0.0	675.00
						50.0	-948.83	-54.00	0.0	0.0	0.0	0.0
70	86	675.00	0.0	0.0	-108.00	0.0	-862.98	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-862.98	0.0	0.0	0.0	0.0	675.00
						50.0	-862.98	-54.00	0.0	0.0	0.0	0.0
70	90	675.00	0.0	0.0	-108.00	0.0	-883.90	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-883.90	0.0	0.0	0.0	0.0	675.00
						50.0	-883.90	-54.00	0.0	0.0	0.0	0.0
70	91	675.00	0.0	0.0	-108.00	0.0	-862.98	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-862.98	0.0	0.0	0.0	0.0	675.00
						50.0	-862.98	-54.00	0.0	0.0	0.0	0.0
70	92	675.00	0.0	0.0	-108.00	0.0	-870.01	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-870.01	0.0	0.0	0.0	0.0	675.00
						50.0	-870.01	-54.00	0.0	0.0	0.0	0.0
71	5	465.01	0.0	0.0	-89.64	0.0	-562.21	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-562.21	0.0	0.0	0.0	0.0	465.01
						41.5	-562.21	-44.82	0.0	0.0	0.0	0.0
71	11	604.51	0.0	0.0	-116.53	0.0	-1071.16	58.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-1071.16	0.0	0.0	0.0	0.0	604.51
						41.5	-1071.16	-58.27	0.0	0.0	0.0	0.0

71	15	465.01	0.0	0.0	-89.64	0.0	-445.38	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-445.38	0.0	0.0	0.0	0.0	465.01
						41.5	-445.38	-44.82	0.0	0.0	0.0	0.0
71	18	465.01	0.0	0.0	-89.64	0.0	-755.47	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-755.47	0.0	0.0	0.0	0.0	465.01
						41.5	-755.47	-44.82	0.0	0.0	0.0	0.0
71	47	465.01	0.0	0.0	-89.64	0.0	-390.18	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-390.18	0.0	0.0	0.0	0.0	465.01
						41.5	-390.18	-44.82	0.0	0.0	0.0	0.0
71	50	465.01	0.0	0.0	-89.64	0.0	-810.67	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-810.67	0.0	0.0	0.0	0.0	465.01
						41.5	-810.67	-44.82	0.0	0.0	0.0	0.0
71	79	465.01	0.0	0.0	-89.64	0.0	-575.63	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-575.63	0.0	0.0	0.0	0.0	465.01
						41.5	-575.63	-44.82	0.0	0.0	0.0	0.0
71	85	465.01	0.0	0.0	-89.64	0.0	-781.91	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-781.91	0.0	0.0	0.0	0.0	465.01
						41.5	-781.91	-44.82	0.0	0.0	0.0	0.0
71	86	465.01	0.0	0.0	-89.64	0.0	-575.63	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-575.63	0.0	0.0	0.0	0.0	465.01
						41.5	-575.63	-44.82	0.0	0.0	0.0	0.0
71	90	465.01	0.0	0.0	-89.64	0.0	-630.11	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-630.11	0.0	0.0	0.0	0.0	465.01
						41.5	-630.11	-44.82	0.0	0.0	0.0	0.0
71	91	465.01	0.0	0.0	-89.64	0.0	-575.63	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-575.63	0.0	0.0	0.0	0.0	465.01
						41.5	-575.63	-44.82	0.0	0.0	0.0	0.0
71	92	465.01	0.0	0.0	-89.64	0.0	-600.42	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-600.42	0.0	0.0	0.0	0.0	465.01
						41.5	-600.42	-44.82	0.0	0.0	0.0	0.0
72	5	1004.67	0.0	0.0	-131.76	0.0	-917.79	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-917.79	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-917.79	-65.88	0.0	0.0	0.0	0.0
72	11	1306.07	0.0	0.0	-171.29	0.0	-1431.49	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1431.49	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-1431.49	-85.64	0.0	0.0	0.0	0.0
72	40	1004.67	0.0	0.0	-131.76	0.0	-822.92	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-822.92	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-822.92	-65.88	0.0	0.0	0.0	0.0
72	41	1004.67	0.0	0.0	-131.76	0.0	-1057.76	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1057.76	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-1057.76	-65.88	0.0	0.0	0.0	0.0
72	72	1004.67	0.0	0.0	-131.76	0.0	-781.12	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-781.12	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-781.12	-65.88	0.0	0.0	0.0	0.0
72	73	1004.67	0.0	0.0	-131.76	0.0	-1099.56	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1099.56	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-1099.56	-65.88	0.0	0.0	0.0	0.0
72	79	1004.67	0.0	0.0	-131.76	0.0	-926.11	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-926.11	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-926.11	-65.88	0.0	0.0	0.0	0.0
72	85	1004.67	0.0	0.0	-131.76	0.0	-1072.27	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1072.27	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-1072.27	-65.88	0.0	0.0	0.0	0.0
72	86	1004.67	0.0	0.0	-131.76	0.0	-926.11	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-926.11	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-926.11	-65.88	0.0	0.0	0.0	0.0
72	90	1004.67	0.0	0.0	-131.76	0.0	-962.93	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-962.93	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-962.93	-65.88	0.0	0.0	0.0	0.0
72	91	1004.67	0.0	0.0	-131.76	0.0	-926.11	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-926.11	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-926.11	-65.88	0.0	0.0	0.0	0.0
72	92	1004.67	0.0	0.0	-131.76	0.0	-940.34	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-940.34	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-940.34	-65.88	0.0	0.0	0.0	0.0
73	5	1004.67	0.0	0.0	-131.76	0.0	-691.01	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-691.01	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-691.01	-65.88	0.0	0.0	0.0	0.0
73	11	1306.07	0.0	0.0	-171.29	0.0	-1427.99	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1427.99	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-1427.99	-85.64	0.0	0.0	0.0	0.0
73	27	1004.67	0.0	0.0	-131.76	0.0	-900.49	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-900.49	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-900.49	-65.88	0.0	0.0	0.0	0.0
73	30	1004.67	0.0	0.0	-131.76	0.0	-596.78	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-596.78	-2.75e-06	0.0	0.0	0.0	1004.67

73	59	1004.67	0.0	0.0	0.0	61.0	-596.78	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-954.55	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-954.55	-2.75e-06	0.0	0.0	0.0	1004.67
73	62	1004.67	0.0	0.0	0.0	61.0	-954.55	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-542.72	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-542.72	-2.75e-06	0.0	0.0	0.0	1004.67
73	79	1004.67	0.0	0.0	0.0	61.0	-542.72	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-711.38	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-711.38	-2.75e-06	0.0	0.0	0.0	1004.67
73	85	1004.67	0.0	0.0	0.0	61.0	-711.38	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-1033.26	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-1033.26	-2.75e-06	0.0	0.0	0.0	1004.67
73	86	1004.67	0.0	0.0	0.0	61.0	-1033.26	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-711.38	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-711.38	-2.75e-06	0.0	0.0	0.0	1004.67
73	90	1004.67	0.0	0.0	0.0	61.0	-711.38	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-795.63	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-795.63	-2.75e-06	0.0	0.0	0.0	1004.67
73	91	1004.67	0.0	0.0	0.0	61.0	-795.63	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-711.38	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-711.38	-2.75e-06	0.0	0.0	0.0	1004.67
73	92	1004.67	0.0	0.0	0.0	61.0	-711.38	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-131.76	0.0	-748.64	65.88	0.0	0.0	0.0	0.0
					0.0	30.5	-748.64	-2.75e-06	0.0	0.0	0.0	1004.67
74	5	675.00	0.0	0.0	0.0	61.0	-748.64	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-850.68	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-850.68	0.0	0.0	0.0	0.0	675.00
74	11	877.50	0.0	0.0	0.0	50.0	-850.68	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-140.40	0.0	-1231.18	70.20	0.0	0.0	0.0	0.0
					0.0	25.0	-1231.18	0.0	0.0	0.0	0.0	877.50
74	43	675.00	0.0	0.0	0.0	50.0	-1231.18	-70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-751.40	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-751.40	0.0	0.0	0.0	0.0	675.00
74	46	675.00	0.0	0.0	0.0	50.0	-751.40	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-969.30	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-969.30	0.0	0.0	0.0	0.0	675.00
74	75	675.00	0.0	0.0	0.0	50.0	-969.30	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-712.62	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-712.62	0.0	0.0	0.0	0.0	675.00
74	78	675.00	0.0	0.0	0.0	50.0	-712.62	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-1008.09	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-1008.09	0.0	0.0	0.0	0.0	675.00
74	79	675.00	0.0	0.0	0.0	50.0	-1008.09	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-854.49	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-854.49	0.0	0.0	0.0	0.0	675.00
74	85	675.00	0.0	0.0	0.0	50.0	-854.49	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-932.18	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-932.18	0.0	0.0	0.0	0.0	675.00
74	86	675.00	0.0	0.0	0.0	50.0	-932.18	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-854.49	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-854.49	0.0	0.0	0.0	0.0	675.00
74	90	675.00	0.0	0.0	0.0	50.0	-854.49	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-873.16	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-873.16	0.0	0.0	0.0	0.0	675.00
74	91	675.00	0.0	0.0	0.0	50.0	-873.16	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-854.49	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-854.49	0.0	0.0	0.0	0.0	675.00
74	92	675.00	0.0	0.0	0.0	50.0	-854.49	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-108.00	0.0	-860.35	54.00	0.0	0.0	0.0	0.0
					0.0	25.0	-860.35	0.0	0.0	0.0	0.0	675.00
75	5	465.01	0.0	0.0	0.0	50.0	-860.35	-54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-89.64	0.0	-593.42	44.82	0.0	0.0	0.0	0.0
					0.0	20.8	-593.42	0.0	0.0	0.0	0.0	465.01
75	11	604.51	0.0	0.0	0.0	41.5	-593.42	-44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-116.53	0.0	-1149.53	58.27	0.0	0.0	0.0	0.0
					0.0	20.8	-1149.53	0.0	0.0	0.0	0.0	604.51
75	15	465.01	0.0	0.0	0.0	41.5	-1149.53	-58.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-89.64	0.0	-477.18	44.82	0.0	0.0	0.0	0.0
					0.0	20.8	-477.18	0.0	0.0	0.0	0.0	465.01
75	18	465.01	0.0	0.0	0.0	41.5	-477.18	-44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-89.64	0.0	-794.38	44.82	0.0	0.0	0.0	0.0
					0.0	20.8	-794.38	0.0	0.0	0.0	0.0	465.01
75	47	465.01	0.0	0.0	0.0	41.5	-794.38	-44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-89.64	0.0	-420.72	44.82	0.0	0.0	0.0	0.0
					0.0	20.8	-420.72	0.0	0.0	0.0	0.0	465.01
75	50	465.01	0.0	0.0	0.0	41.5	-420.72	-44.82	0.0	0.0	0.0	0.0
					-89.64	0.0	-850.84	44.82	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	20.8	-850.84	0.0	0.0	0.0	0.0	465.01
						41.5	-850.84	-44.82	0.0	0.0	0.0	0.0
75	79	465.01	0.0	0.0	-89.64	0.0	-608.31	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-608.31	0.0	0.0	0.0	0.0	465.01
						41.5	-608.31	-44.82	0.0	0.0	0.0	0.0
75	85	465.01	0.0	0.0	-89.64	0.0	-837.53	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-837.53	0.0	0.0	0.0	0.0	465.01
						41.5	-837.53	-44.82	0.0	0.0	0.0	0.0
75	86	465.01	0.0	0.0	-89.64	0.0	-608.31	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-608.31	0.0	0.0	0.0	0.0	465.01
						41.5	-608.31	-44.82	0.0	0.0	0.0	0.0
75	90	465.01	0.0	0.0	-89.64	0.0	-668.80	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-668.80	0.0	0.0	0.0	0.0	465.01
						41.5	-668.80	-44.82	0.0	0.0	0.0	0.0
75	91	465.01	0.0	0.0	-89.64	0.0	-608.31	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-608.31	0.0	0.0	0.0	0.0	465.01
						41.5	-608.31	-44.82	0.0	0.0	0.0	0.0
75	92	465.01	0.0	0.0	-89.64	0.0	-635.78	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-635.78	0.0	0.0	0.0	0.0	465.01
						41.5	-635.78	-44.82	0.0	0.0	0.0	0.0
76	5	1004.67	0.0	0.0	-131.76	0.0	-825.64	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-825.64	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-825.64	-65.88	0.0	0.0	0.0	0.0
76	11	1306.07	0.0	0.0	-171.29	0.0	-1241.02	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1241.02	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-1241.02	-85.64	0.0	0.0	0.0	0.0
76	35	1004.67	0.0	0.0	-131.76	0.0	-939.09	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-939.09	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-939.09	-65.88	0.0	0.0	0.0	0.0
76	38	1004.67	0.0	0.0	-131.76	0.0	-741.50	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-741.50	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-741.50	-65.88	0.0	0.0	0.0	0.0
76	67	1004.67	0.0	0.0	-131.76	0.0	-974.26	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-974.26	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-974.26	-65.88	0.0	0.0	0.0	0.0
76	70	1004.67	0.0	0.0	-131.76	0.0	-706.33	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-706.33	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-706.33	-65.88	0.0	0.0	0.0	0.0
76	79	1004.67	0.0	0.0	-131.76	0.0	-831.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-831.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-831.20	-65.88	0.0	0.0	0.0	0.0
76	85	1004.67	0.0	0.0	-131.76	0.0	-934.47	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-934.47	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-934.47	-65.88	0.0	0.0	0.0	0.0
76	86	1004.67	0.0	0.0	-131.76	0.0	-831.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-831.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-831.20	-65.88	0.0	0.0	0.0	0.0
76	90	1004.67	0.0	0.0	-131.76	0.0	-856.71	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-856.71	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-856.71	-65.88	0.0	0.0	0.0	0.0
76	91	1004.67	0.0	0.0	-131.76	0.0	-831.20	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-831.20	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-831.20	-65.88	0.0	0.0	0.0	0.0
76	92	1004.67	0.0	0.0	-131.76	0.0	-840.30	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-840.30	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-840.30	-65.88	0.0	0.0	0.0	0.0
77	5	1004.67	0.0	0.0	-131.76	0.0	-614.45	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-614.45	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-614.45	-65.88	0.0	0.0	0.0	0.0
77	11	1306.07	0.0	0.0	-171.29	0.0	-1170.92	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1170.92	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-1170.92	-85.64	0.0	0.0	0.0	0.0
77	20	1004.67	0.0	0.0	-131.76	0.0	-791.00	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-791.00	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-791.00	-65.88	0.0	0.0	0.0	0.0
77	21	1004.67	0.0	0.0	-131.76	0.0	-521.43	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-521.43	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-521.43	-65.88	0.0	0.0	0.0	0.0
77	52	1004.67	0.0	0.0	-131.76	0.0	-838.98	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-838.98	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-838.98	-65.88	0.0	0.0	0.0	0.0
77	53	1004.67	0.0	0.0	-131.76	0.0	-473.45	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-473.45	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-473.45	-65.88	0.0	0.0	0.0	0.0
77	79	1004.67	0.0	0.0	-131.76	0.0	-629.07	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-629.07	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-629.07	-65.88	0.0	0.0	0.0	0.0

77	85	1004.67	0.0	0.0	-131.76	0.0	-854.75	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-854.75	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-854.75	-65.88	0.0	0.0	0.0	0.0
77	86	1004.67	0.0	0.0	-131.76	0.0	-629.07	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-629.07	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-629.07	-65.88	0.0	0.0	0.0	0.0
77	90	1004.67	0.0	0.0	-131.76	0.0	-688.68	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-688.68	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-688.68	-65.88	0.0	0.0	0.0	0.0
77	91	1004.67	0.0	0.0	-131.76	0.0	-629.07	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-629.07	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-629.07	-65.88	0.0	0.0	0.0	0.0
77	92	1004.67	0.0	0.0	-131.76	0.0	-656.21	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-656.21	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-656.21	-65.88	0.0	0.0	0.0	0.0
78	5	675.00	0.0	0.0	-108.00	0.0	-740.08	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-740.08	0.0	0.0	0.0	0.0	675.00
						50.0	-740.08	-54.00	0.0	0.0	0.0	0.0
78	11	877.50	0.0	0.0	-140.40	0.0	-1052.91	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-1052.91	0.0	0.0	0.0	0.0	877.50
						50.0	-1052.91	-70.20	0.0	0.0	0.0	0.0
78	43	675.00	0.0	0.0	-108.00	0.0	-642.12	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-642.12	0.0	0.0	0.0	0.0	675.00
						50.0	-642.12	-54.00	0.0	0.0	0.0	0.0
78	46	675.00	0.0	0.0	-108.00	0.0	-849.99	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-849.99	0.0	0.0	0.0	0.0	675.00
						50.0	-849.99	-54.00	0.0	0.0	0.0	0.0
78	75	675.00	0.0	0.0	-108.00	0.0	-605.12	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-605.12	0.0	0.0	0.0	0.0	675.00
						50.0	-605.12	-54.00	0.0	0.0	0.0	0.0
78	78	675.00	0.0	0.0	-108.00	0.0	-886.99	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-886.99	0.0	0.0	0.0	0.0	675.00
						50.0	-886.99	-54.00	0.0	0.0	0.0	0.0
78	79	675.00	0.0	0.0	-108.00	0.0	-742.59	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-742.59	0.0	0.0	0.0	0.0	675.00
						50.0	-742.59	-54.00	0.0	0.0	0.0	0.0
78	85	675.00	0.0	0.0	-108.00	0.0	-799.28	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-799.28	0.0	0.0	0.0	0.0	675.00
						50.0	-799.28	-54.00	0.0	0.0	0.0	0.0
78	86	675.00	0.0	0.0	-108.00	0.0	-742.59	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-742.59	0.0	0.0	0.0	0.0	675.00
						50.0	-742.59	-54.00	0.0	0.0	0.0	0.0
78	90	675.00	0.0	0.0	-108.00	0.0	-755.78	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-755.78	0.0	0.0	0.0	0.0	675.00
						50.0	-755.78	-54.00	0.0	0.0	0.0	0.0
78	91	675.00	0.0	0.0	-108.00	0.0	-742.59	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-742.59	0.0	0.0	0.0	0.0	675.00
						50.0	-742.59	-54.00	0.0	0.0	0.0	0.0
78	92	675.00	0.0	0.0	-108.00	0.0	-746.05	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-746.05	0.0	0.0	0.0	0.0	675.00
						50.0	-746.05	-54.00	0.0	0.0	0.0	0.0
79	5	702.27	0.0	0.0	-110.16	0.0	-567.94	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-567.94	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-567.94	-55.08	0.0	0.0	0.0	0.0
79	11	912.95	0.0	0.0	-143.21	0.0	-1070.17	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-1070.17	2.38e-06	0.0	0.0	0.0	912.95
						51.0	-1070.17	-71.60	0.0	0.0	0.0	0.0
79	16	702.27	0.0	0.0	-110.16	0.0	-449.60	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-449.60	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-449.60	-55.08	0.0	0.0	0.0	0.0
79	17	702.27	0.0	0.0	-110.16	0.0	-761.71	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-761.71	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-761.71	-55.08	0.0	0.0	0.0	0.0
79	48	702.27	0.0	0.0	-110.16	0.0	-394.04	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-394.04	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-394.04	-55.08	0.0	0.0	0.0	0.0
79	49	702.27	0.0	0.0	-110.16	0.0	-817.27	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-817.27	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-817.27	-55.08	0.0	0.0	0.0	0.0
79	79	702.27	0.0	0.0	-110.16	0.0	-581.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-581.13	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-581.13	-55.08	0.0	0.0	0.0	0.0
79	85	702.27	0.0	0.0	-110.16	0.0	-782.14	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-782.14	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-782.14	-55.08	0.0	0.0	0.0	0.0
79	86	702.27	0.0	0.0	-110.16	0.0	-581.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-581.13	1.83e-06	0.0	0.0	0.0	702.27

79	90	702.27	0.0	0.0	-110.16	51.0	-581.13	-55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-634.41	55.08	0.0	0.0	0.0	0.0
79	91	702.27	0.0	0.0	-110.16	25.5	-634.41	1.83e-06	0.0	0.0	0.0	702.27
		0.0	0.0	0.0	0.0	51.0	-634.41	-55.08	0.0	0.0	0.0	0.0
79	92	702.27	0.0	0.0	-110.16	0.0	-581.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-581.13	1.83e-06	0.0	0.0	0.0	702.27
80	5	635.11	0.0	0.0	-104.76	51.0	-581.13	-55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-605.65	55.08	0.0	0.0	0.0	0.0
80	11	825.64	0.0	0.0	-136.19	25.5	-605.65	1.83e-06	0.0	0.0	0.0	702.27
		0.0	0.0	0.0	0.0	51.0	-605.65	-55.08	0.0	0.0	0.0	0.0
80	35	635.11	0.0	0.0	-104.76	0.0	-707.67	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-707.67	1.07e-06	0.0	0.0	0.0	635.11
80	38	635.11	0.0	0.0	-104.76	48.5	-707.67	-52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-1046.81	68.09	0.0	0.0	0.0	0.0
80	67	635.11	0.0	0.0	-104.76	24.2	-1046.81	1.39e-06	0.0	0.0	0.0	825.64
		0.0	0.0	0.0	0.0	48.5	-1046.81	-68.09	0.0	0.0	0.0	0.0
80	70	635.11	0.0	0.0	-104.76	0.0	-815.83	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-815.83	1.07e-06	0.0	0.0	0.0	635.11
80	79	635.11	0.0	0.0	-104.76	48.5	-815.83	-52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-619.98	52.38	0.0	0.0	0.0	0.0
80	85	635.11	0.0	0.0	-104.76	24.2	-619.98	1.07e-06	0.0	0.0	0.0	635.11
		0.0	0.0	0.0	0.0	48.5	-619.98	-52.38	0.0	0.0	0.0	0.0
80	86	635.11	0.0	0.0	-104.76	0.0	-850.69	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-850.69	1.07e-06	0.0	0.0	0.0	635.11
80	90	635.11	0.0	0.0	-104.76	48.5	-850.69	-52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-585.12	52.38	0.0	0.0	0.0	0.0
80	91	635.11	0.0	0.0	-104.76	24.2	-585.12	1.07e-06	0.0	0.0	0.0	635.11
		0.0	0.0	0.0	0.0	48.5	-585.12	-52.38	0.0	0.0	0.0	0.0
80	92	635.11	0.0	0.0	-104.76	0.0	-711.68	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-711.68	1.07e-06	0.0	0.0	0.0	635.11
81	5	641.67	0.0	0.0	-105.30	48.5	-711.68	-52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-790.09	52.38	0.0	0.0	0.0	0.0
81	11	834.17	0.0	0.0	-136.89	24.2	-790.09	1.07e-06	0.0	0.0	0.0	635.11
		0.0	0.0	0.0	0.0	48.5	-790.09	-52.38	0.0	0.0	0.0	0.0
81	20	641.67	0.0	0.0	-105.30	0.0	-711.68	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-711.68	1.07e-06	0.0	0.0	0.0	635.11
81	21	641.67	0.0	0.0	-105.30	48.5	-711.68	-52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-717.90	52.38	0.0	0.0	0.0	0.0
81	52	641.67	0.0	0.0	-105.30	24.2	-717.90	1.07e-06	0.0	0.0	0.0	635.11
		0.0	0.0	0.0	0.0	48.5	-717.90	-52.38	0.0	0.0	0.0	0.0
81	53	641.67	0.0	0.0	-105.30	0.0	-550.06	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-550.06	1.53e-06	0.0	0.0	0.0	641.67
81	79	641.67	0.0	0.0	-105.30	48.8	-550.06	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-997.72	68.45	0.0	0.0	0.0	0.0
81	85	641.67	0.0	0.0	-105.30	24.4	-997.72	1.98e-06	0.0	0.0	0.0	834.17
		0.0	0.0	0.0	0.0	48.8	-997.72	-68.44	0.0	0.0	0.0	0.0
81	86	641.67	0.0	0.0	-105.30	0.0	-711.65	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-711.65	1.53e-06	0.0	0.0	0.0	641.67
81	90	641.67	0.0	0.0	-105.30	48.8	-711.65	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-453.68	52.65	0.0	0.0	0.0	0.0
81	91	641.67	0.0	0.0	-105.30	24.4	-453.68	1.53e-06	0.0	0.0	0.0	641.67
		0.0	0.0	0.0	0.0	48.8	-453.68	-52.65	0.0	0.0	0.0	0.0
81	92	641.67	0.0	0.0	-105.30	0.0	-757.57	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-757.57	1.53e-06	0.0	0.0	0.0	641.67
81	99	641.67	0.0	0.0	-105.30	48.8	-757.57	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-407.75	52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	24.4	-407.75	1.53e-06	0.0	0.0	0.0	641.67
		0.0	0.0	0.0	0.0	48.8	-407.75	-52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	0.0	-561.37	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-561.37	1.53e-06	0.0	0.0	0.0	641.67
81	99	641.67	0.0	0.0	-105.30	48.8	-561.37	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-732.46	52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	24.4	-732.46	1.53e-06	0.0	0.0	0.0	641.67
		0.0	0.0	0.0	0.0	48.8	-732.46	-52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	0.0	-561.37	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-561.37	1.53e-06	0.0	0.0	0.0	641.67
81	99	641.67	0.0	0.0	-105.30	48.8	-561.37	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-606.94	52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	24.4	-606.94	1.53e-06	0.0	0.0	0.0	641.67
		0.0	0.0	0.0	0.0	48.8	-606.94	-52.65	0.0	0.0	0.0	0.0
81	99	641.67	0.0	0.0	-105.30	0.0	-561.37	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-561.37	1.53e-06	0.0	0.0	0.0	641.67
81	99	641.67	0.0	0.0	-105.30	48.8	-561.37	-52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-561.37	52.65	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.4	-561.37	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-561.37	-52.65	0.0	0.0	0.0	0.0
81	92	641.67	0.0	0.0	-105.30	0.0	-582.66	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-582.66	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-582.66	-52.65	0.0	0.0	0.0	0.0
82	1	1048.94	0.0	0.0	-153.50	0.0	-443.60	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-443.60	1.19e-06	0.0	0.0	0.0	1048.94
						54.7	-443.60	-76.75	0.0	0.0	0.0	0.0
82	8	806.88	0.0	0.0	-118.08	0.0	-314.76	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-314.76	0.0	0.0	0.0	0.0	806.88
						54.7	-314.76	-59.04	0.0	0.0	0.0	0.0
82	27	806.88	0.0	0.0	-118.08	0.0	-211.40	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-211.40	0.0	0.0	0.0	0.0	806.88
						54.7	-211.40	-59.04	0.0	0.0	0.0	0.0
82	30	806.88	0.0	0.0	-118.08	0.0	-464.52	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-464.52	0.0	0.0	0.0	0.0	806.88
						54.7	-464.52	-59.04	0.0	0.0	0.0	0.0
82	59	806.88	0.0	0.0	-118.08	0.0	-166.35	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-166.35	0.0	0.0	0.0	0.0	806.88
						54.7	-166.35	-59.04	0.0	0.0	0.0	0.0
82	62	806.88	0.0	0.0	-118.08	0.0	-509.57	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-509.57	0.0	0.0	0.0	0.0	806.88
						54.7	-509.57	-59.04	0.0	0.0	0.0	0.0
82	79	806.88	0.0	0.0	-118.08	0.0	-342.87	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-342.87	0.0	0.0	0.0	0.0	806.88
						54.7	-342.87	-59.04	0.0	0.0	0.0	0.0
82	82	806.88	0.0	0.0	-118.08	0.0	-322.70	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-322.70	0.0	0.0	0.0	0.0	806.88
						54.7	-322.70	-59.04	0.0	0.0	0.0	0.0
82	86	806.88	0.0	0.0	-118.08	0.0	-342.87	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-342.87	0.0	0.0	0.0	0.0	806.88
						54.7	-342.87	-59.04	0.0	0.0	0.0	0.0
82	87	806.88	0.0	0.0	-118.08	0.0	-334.68	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-334.68	0.0	0.0	0.0	0.0	806.88
						54.7	-334.68	-59.04	0.0	0.0	0.0	0.0
82	91	806.88	0.0	0.0	-118.08	0.0	-342.87	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-342.87	0.0	0.0	0.0	0.0	806.88
						54.7	-342.87	-59.04	0.0	0.0	0.0	0.0
82	92	806.88	0.0	0.0	-118.08	0.0	-337.96	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-337.96	0.0	0.0	0.0	0.0	806.88
						54.7	-337.96	-59.04	0.0	0.0	0.0	0.0
83	5	702.27	0.0	0.0	-110.16	0.0	-523.83	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-523.83	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-523.83	-55.08	0.0	0.0	0.0	0.0
83	11	912.95	0.0	0.0	-143.21	0.0	-962.61	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-962.61	2.38e-06	0.0	0.0	0.0	912.95
						51.0	-962.61	-71.60	0.0	0.0	0.0	0.0
83	16	702.27	0.0	0.0	-110.16	0.0	-405.88	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-405.88	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-405.88	-55.08	0.0	0.0	0.0	0.0
83	17	702.27	0.0	0.0	-110.16	0.0	-706.67	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-706.67	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-706.67	-55.08	0.0	0.0	0.0	0.0
83	48	702.27	0.0	0.0	-110.16	0.0	-352.33	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-352.33	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-352.33	-55.08	0.0	0.0	0.0	0.0
83	49	702.27	0.0	0.0	-110.16	0.0	-760.21	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-760.21	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-760.21	-55.08	0.0	0.0	0.0	0.0
83	79	702.27	0.0	0.0	-110.16	0.0	-535.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-535.13	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-535.13	-55.08	0.0	0.0	0.0	0.0
83	85	702.27	0.0	0.0	-110.16	0.0	-705.56	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-705.56	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-705.56	-55.08	0.0	0.0	0.0	0.0
83	86	702.27	0.0	0.0	-110.16	0.0	-535.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-535.13	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-535.13	-55.08	0.0	0.0	0.0	0.0
83	90	702.27	0.0	0.0	-110.16	0.0	-580.49	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-580.49	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-580.49	-55.08	0.0	0.0	0.0	0.0
83	91	702.27	0.0	0.0	-110.16	0.0	-535.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-535.13	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-535.13	-55.08	0.0	0.0	0.0	0.0
83	92	702.27	0.0	0.0	-110.16	0.0	-556.27	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-556.27	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-556.27	-55.08	0.0	0.0	0.0	0.0

84	1	825.64	0.0	0.0	-136.19	0.0	-322.86	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-322.86	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-322.86	-68.09	0.0	0.0	0.0	0.0
84	8	635.11	0.0	0.0	-104.76	0.0	-226.24	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-226.24	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-226.24	-52.38	0.0	0.0	0.0	0.0
84	15	635.11	0.0	0.0	-104.76	0.0	-408.22	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-408.22	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-408.22	-52.38	0.0	0.0	0.0	0.0
84	18	635.11	0.0	0.0	-104.76	0.0	-82.73	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-82.73	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-82.73	-52.38	0.0	0.0	0.0	0.0
84	47	635.11	0.0	0.0	-104.76	0.0	-466.16	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-466.16	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-466.16	-52.38	0.0	0.0	0.0	0.0
84	50	635.11	0.0	0.0	-104.76	0.0	-24.79	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-24.79	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-24.79	-52.38	0.0	0.0	0.0	0.0
84	79	635.11	0.0	0.0	-104.76	0.0	-249.72	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-249.72	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-249.72	-52.38	0.0	0.0	0.0	0.0
84	82	635.11	0.0	0.0	-104.76	0.0	-232.88	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-232.88	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-232.88	-52.38	0.0	0.0	0.0	0.0
84	86	635.11	0.0	0.0	-104.76	0.0	-249.72	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-249.72	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-249.72	-52.38	0.0	0.0	0.0	0.0
84	87	635.11	0.0	0.0	-104.76	0.0	-242.64	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-242.64	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-242.64	-52.38	0.0	0.0	0.0	0.0
84	91	635.11	0.0	0.0	-104.76	0.0	-249.72	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-249.72	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-249.72	-52.38	0.0	0.0	0.0	0.0
84	92	635.11	0.0	0.0	-104.76	0.0	-245.47	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-245.47	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-245.47	-52.38	0.0	0.0	0.0	0.0
85	4	834.17	0.0	0.0	-136.89	0.0	-336.14	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-336.14	1.98e-06	0.0	0.0	0.0	834.17
						48.8	-336.14	-68.44	0.0	0.0	0.0	0.0
85	5	641.67	0.0	0.0	-105.30	0.0	-231.73	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-231.73	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-231.73	-52.65	0.0	0.0	0.0	0.0
85	40	641.67	0.0	0.0	-105.30	0.0	-369.02	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-369.02	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-369.02	-52.65	0.0	0.0	0.0	0.0
85	41	641.67	0.0	0.0	-105.30	0.0	-108.28	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-108.28	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-108.28	-52.65	0.0	0.0	0.0	0.0
85	72	641.67	0.0	0.0	-105.30	0.0	-415.43	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-415.43	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-415.43	-52.65	0.0	0.0	0.0	0.0
85	73	641.67	0.0	0.0	-105.30	0.0	-61.87	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-61.87	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-61.87	-52.65	0.0	0.0	0.0	0.0
85	79	641.67	0.0	0.0	-105.30	0.0	-233.78	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-233.78	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-233.78	-52.65	0.0	0.0	0.0	0.0
85	82	641.67	0.0	0.0	-105.30	0.0	-253.89	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-253.89	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-253.89	-52.65	0.0	0.0	0.0	0.0
85	86	641.67	0.0	0.0	-105.30	0.0	-233.78	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-233.78	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-233.78	-52.65	0.0	0.0	0.0	0.0
85	87	641.67	0.0	0.0	-105.30	0.0	-241.89	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-241.89	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-241.89	-52.65	0.0	0.0	0.0	0.0
85	91	641.67	0.0	0.0	-105.30	0.0	-233.78	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-233.78	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-233.78	-52.65	0.0	0.0	0.0	0.0
85	92	641.67	0.0	0.0	-105.30	0.0	-238.65	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-238.65	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-238.65	-52.65	0.0	0.0	0.0	0.0
86	5	806.88	0.0	0.0	-118.08	0.0	266.40	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	266.40	0.0	0.0	0.0	0.0	806.88
						54.7	266.40	-59.04	0.0	0.0	0.0	0.0
86	11	1048.94	0.0	0.0	-153.50	0.0	670.91	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	670.91	1.19e-06	0.0	0.0	0.0	1048.94

						54.7	670.91	-76.75	0.0	0.0	0.0	0.0
86	27	806.88	0.0	0.0	-118.08	0.0	370.29	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	370.29	0.0	0.0	0.0	0.0	806.88
						54.7	370.29	-59.04	0.0	0.0	0.0	0.0
86	30	806.88	0.0	0.0	-118.08	0.0	234.14	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	234.14	0.0	0.0	0.0	0.0	806.88
						54.7	234.14	-59.04	0.0	0.0	0.0	0.0
86	59	806.88	0.0	0.0	-118.08	0.0	394.52	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	394.52	0.0	0.0	0.0	0.0	806.88
						54.7	394.52	-59.04	0.0	0.0	0.0	0.0
86	62	806.88	0.0	0.0	-118.08	0.0	209.91	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	209.91	0.0	0.0	0.0	0.0	806.88
						54.7	209.91	-59.04	0.0	0.0	0.0	0.0
86	79	806.88	0.0	0.0	-118.08	0.0	279.02	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	279.02	0.0	0.0	0.0	0.0	806.88
						54.7	279.02	-59.04	0.0	0.0	0.0	0.0
86	85	806.88	0.0	0.0	-118.08	0.0	476.07	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	476.07	0.0	0.0	0.0	0.0	806.88
						54.7	476.07	-59.04	0.0	0.0	0.0	0.0
86	86	806.88	0.0	0.0	-118.08	0.0	279.02	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	279.02	0.0	0.0	0.0	0.0	806.88
						54.7	279.02	-59.04	0.0	0.0	0.0	0.0
86	90	806.88	0.0	0.0	-118.08	0.0	330.80	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	330.80	0.0	0.0	0.0	0.0	806.88
						54.7	330.80	-59.04	0.0	0.0	0.0	0.0
86	91	806.88	0.0	0.0	-118.08	0.0	279.02	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	279.02	0.0	0.0	0.0	0.0	806.88
						54.7	279.02	-59.04	0.0	0.0	0.0	0.0
86	92	806.88	0.0	0.0	-118.08	0.0	302.22	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	302.22	0.0	0.0	0.0	0.0	806.88
						54.7	302.22	-59.04	0.0	0.0	0.0	0.0
87	5	702.27	0.0	0.0	-110.16	0.0	-246.10	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-246.10	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-246.10	-55.08	0.0	0.0	0.0	0.0
87	11	912.95	0.0	0.0	-143.21	0.0	-383.29	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-383.29	2.38e-06	0.0	0.0	0.0	912.95
						51.0	-383.29	-71.60	0.0	0.0	0.0	0.0
87	16	702.27	0.0	0.0	-110.16	0.0	-130.33	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-130.33	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-130.33	-55.08	0.0	0.0	0.0	0.0
87	17	702.27	0.0	0.0	-110.16	0.0	-381.24	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-381.24	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-381.24	-55.08	0.0	0.0	0.0	0.0
87	48	702.27	0.0	0.0	-110.16	0.0	-85.67	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-85.67	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-85.67	-55.08	0.0	0.0	0.0	0.0
87	49	702.27	0.0	0.0	-110.16	0.0	-425.90	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-425.90	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-425.90	-55.08	0.0	0.0	0.0	0.0
87	79	702.27	0.0	0.0	-110.16	0.0	-249.22	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-249.22	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-249.22	-55.08	0.0	0.0	0.0	0.0
87	85	702.27	0.0	0.0	-110.16	0.0	-286.68	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-286.68	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-286.68	-55.08	0.0	0.0	0.0	0.0
87	86	702.27	0.0	0.0	-110.16	0.0	-249.22	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-249.22	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-249.22	-55.08	0.0	0.0	0.0	0.0
87	90	702.27	0.0	0.0	-110.16	0.0	-260.21	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-260.21	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-260.21	-55.08	0.0	0.0	0.0	0.0
87	91	702.27	0.0	0.0	-110.16	0.0	-249.22	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-249.22	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-249.22	-55.08	0.0	0.0	0.0	0.0
87	92	702.27	0.0	0.0	-110.16	0.0	-255.78	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-255.78	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-255.78	-55.08	0.0	0.0	0.0	0.0
88	5	635.11	0.0	0.0	-104.76	0.0	275.10	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	275.10	1.07e-06	0.0	0.0	0.0	635.11
						48.5	275.10	-52.38	0.0	0.0	0.0	0.0
88	11	825.64	0.0	0.0	-136.19	0.0	650.39	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	650.39	1.39e-06	0.0	0.0	0.0	825.64
						48.5	650.39	-68.09	0.0	0.0	0.0	0.0
88	15	635.11	0.0	0.0	-104.76	0.0	206.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	206.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	206.35	-52.38	0.0	0.0	0.0	0.0
88	18	635.11	0.0	0.0	-104.76	0.0	408.40	52.38	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.2	408.40	1.07e-06	0.0	0.0	0.0	635.11
						48.5	408.40	-52.38	0.0	0.0	0.0	0.0
88	47	635.11	0.0	0.0	-104.76	0.0	170.38	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	170.38	1.07e-06	0.0	0.0	0.0	635.11
						48.5	170.38	-52.38	0.0	0.0	0.0	0.0
88	50	635.11	0.0	0.0	-104.76	0.0	444.37	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	444.37	1.07e-06	0.0	0.0	0.0	635.11
						48.5	444.37	-52.38	0.0	0.0	0.0	0.0
88	79	635.11	0.0	0.0	-104.76	0.0	286.44	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	286.44	1.07e-06	0.0	0.0	0.0	635.11
						48.5	286.44	-52.38	0.0	0.0	0.0	0.0
88	85	635.11	0.0	0.0	-104.76	0.0	464.22	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	464.22	1.07e-06	0.0	0.0	0.0	635.11
						48.5	464.22	-52.38	0.0	0.0	0.0	0.0
88	86	635.11	0.0	0.0	-104.76	0.0	286.44	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	286.44	1.07e-06	0.0	0.0	0.0	635.11
						48.5	286.44	-52.38	0.0	0.0	0.0	0.0
88	90	635.11	0.0	0.0	-104.76	0.0	333.16	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	333.16	1.07e-06	0.0	0.0	0.0	635.11
						48.5	333.16	-52.38	0.0	0.0	0.0	0.0
88	91	635.11	0.0	0.0	-104.76	0.0	286.44	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	286.44	1.07e-06	0.0	0.0	0.0	635.11
						48.5	286.44	-52.38	0.0	0.0	0.0	0.0
88	92	635.11	0.0	0.0	-104.76	0.0	307.38	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	307.38	1.07e-06	0.0	0.0	0.0	635.11
						48.5	307.38	-52.38	0.0	0.0	0.0	0.0
89	5	641.67	0.0	0.0	-105.30	0.0	218.54	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	218.54	1.53e-06	0.0	0.0	0.0	641.67
						48.8	218.54	-52.65	0.0	0.0	0.0	0.0
89	11	834.17	0.0	0.0	-136.89	0.0	596.32	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	596.32	1.98e-06	0.0	0.0	0.0	834.17
						48.8	596.32	-68.44	0.0	0.0	0.0	0.0
89	40	641.67	0.0	0.0	-105.30	0.0	172.37	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	172.37	1.53e-06	0.0	0.0	0.0	641.67
						48.8	172.37	-52.65	0.0	0.0	0.0	0.0
89	41	641.67	0.0	0.0	-105.30	0.0	325.45	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	325.45	1.53e-06	0.0	0.0	0.0	641.67
						48.8	325.45	-52.65	0.0	0.0	0.0	0.0
89	72	641.67	0.0	0.0	-105.30	0.0	145.12	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	145.12	1.53e-06	0.0	0.0	0.0	641.67
						48.8	145.12	-52.65	0.0	0.0	0.0	0.0
89	73	641.67	0.0	0.0	-105.30	0.0	352.70	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	352.70	1.53e-06	0.0	0.0	0.0	641.67
						48.8	352.70	-52.65	0.0	0.0	0.0	0.0
89	79	641.67	0.0	0.0	-105.30	0.0	229.70	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	229.70	1.53e-06	0.0	0.0	0.0	641.67
						48.8	229.70	-52.65	0.0	0.0	0.0	0.0
89	85	641.67	0.0	0.0	-105.30	0.0	420.73	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	420.73	1.53e-06	0.0	0.0	0.0	641.67
						48.8	420.73	-52.65	0.0	0.0	0.0	0.0
89	86	641.67	0.0	0.0	-105.30	0.0	229.70	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	229.70	1.53e-06	0.0	0.0	0.0	641.67
						48.8	229.70	-52.65	0.0	0.0	0.0	0.0
89	90	641.67	0.0	0.0	-105.30	0.0	278.15	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	278.15	1.53e-06	0.0	0.0	0.0	641.67
						48.8	278.15	-52.65	0.0	0.0	0.0	0.0
89	91	641.67	0.0	0.0	-105.30	0.0	229.70	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	229.70	1.53e-06	0.0	0.0	0.0	641.67
						48.8	229.70	-52.65	0.0	0.0	0.0	0.0
89	92	641.67	0.0	0.0	-105.30	0.0	248.91	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	248.91	1.53e-06	0.0	0.0	0.0	641.67
						48.8	248.91	-52.65	0.0	0.0	0.0	0.0
90	5	806.88	0.0	0.0	-118.08	0.0	369.40	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	369.40	0.0	0.0	0.0	0.0	806.88
						54.7	369.40	-59.04	0.0	0.0	0.0	0.0
90	11	1048.94	0.0	0.0	-153.50	0.0	874.03	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	874.03	1.19e-06	0.0	0.0	0.0	1048.94
						54.7	874.03	-76.75	0.0	0.0	0.0	0.0
90	27	806.88	0.0	0.0	-118.08	0.0	467.79	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	467.79	0.0	0.0	0.0	0.0	806.88
						54.7	467.79	-59.04	0.0	0.0	0.0	0.0
90	30	806.88	0.0	0.0	-118.08	0.0	356.39	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	356.39	0.0	0.0	0.0	0.0	806.88
						54.7	356.39	-59.04	0.0	0.0	0.0	0.0
90	59	806.88	0.0	0.0	-118.08	0.0	487.62	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	487.62	0.0	0.0	0.0	0.0	806.88
						54.7	487.62	-59.04	0.0	0.0	0.0	0.0

90	62	806.88	0.0	0.0	-118.08	0.0	336.57	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	336.57	0.0	0.0	0.0	0.0	806.88
						54.7	336.57	-59.04	0.0	0.0	0.0	0.0
90	79	806.88	0.0	0.0	-118.08	0.0	384.52	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	384.52	0.0	0.0	0.0	0.0	806.88
						54.7	384.52	-59.04	0.0	0.0	0.0	0.0
90	85	806.88	0.0	0.0	-118.08	0.0	623.88	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	623.88	0.0	0.0	0.0	0.0	806.88
						54.7	623.88	-59.04	0.0	0.0	0.0	0.0
90	86	806.88	0.0	0.0	-118.08	0.0	384.52	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	384.52	0.0	0.0	0.0	0.0	806.88
						54.7	384.52	-59.04	0.0	0.0	0.0	0.0
90	90	806.88	0.0	0.0	-118.08	0.0	447.10	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	447.10	0.0	0.0	0.0	0.0	806.88
						54.7	447.10	-59.04	0.0	0.0	0.0	0.0
90	91	806.88	0.0	0.0	-118.08	0.0	384.52	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	384.52	0.0	0.0	0.0	0.0	806.88
						54.7	384.52	-59.04	0.0	0.0	0.0	0.0
90	92	806.88	0.0	0.0	-118.08	0.0	412.09	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	412.09	0.0	0.0	0.0	0.0	806.88
						54.7	412.09	-59.04	0.0	0.0	0.0	0.0
91	5	702.27	0.0	0.0	-110.16	0.0	217.88	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	217.88	1.83e-06	0.0	0.0	0.0	702.27
						51.0	217.88	-55.08	0.0	0.0	0.0	0.0
91	11	912.95	0.0	0.0	-143.21	0.0	570.87	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	570.87	2.38e-06	0.0	0.0	0.0	912.95
						51.0	570.87	-71.60	0.0	0.0	0.0	0.0
91	32	702.27	0.0	0.0	-110.16	0.0	304.96	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	304.96	1.83e-06	0.0	0.0	0.0	702.27
						51.0	304.96	-55.08	0.0	0.0	0.0	0.0
91	33	702.27	0.0	0.0	-110.16	0.0	186.93	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	186.93	1.83e-06	0.0	0.0	0.0	702.27
						51.0	186.93	-55.08	0.0	0.0	0.0	0.0
91	64	702.27	0.0	0.0	-110.16	0.0	325.97	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	325.97	1.83e-06	0.0	0.0	0.0	702.27
						51.0	325.97	-55.08	0.0	0.0	0.0	0.0
91	65	702.27	0.0	0.0	-110.16	0.0	165.92	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	165.92	1.83e-06	0.0	0.0	0.0	702.27
						51.0	165.92	-55.08	0.0	0.0	0.0	0.0
91	79	702.27	0.0	0.0	-110.16	0.0	228.16	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	228.16	1.83e-06	0.0	0.0	0.0	702.27
						51.0	228.16	-55.08	0.0	0.0	0.0	0.0
91	85	702.27	0.0	0.0	-110.16	0.0	404.14	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	404.14	1.83e-06	0.0	0.0	0.0	702.27
						51.0	404.14	-55.08	0.0	0.0	0.0	0.0
91	86	702.27	0.0	0.0	-110.16	0.0	228.16	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	228.16	1.83e-06	0.0	0.0	0.0	702.27
						51.0	228.16	-55.08	0.0	0.0	0.0	0.0
91	90	702.27	0.0	0.0	-110.16	0.0	272.84	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	272.84	1.83e-06	0.0	0.0	0.0	702.27
						51.0	272.84	-55.08	0.0	0.0	0.0	0.0
91	91	702.27	0.0	0.0	-110.16	0.0	228.16	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	228.16	1.83e-06	0.0	0.0	0.0	702.27
						51.0	228.16	-55.08	0.0	0.0	0.0	0.0
91	92	702.27	0.0	0.0	-110.16	0.0	245.95	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	245.95	1.83e-06	0.0	0.0	0.0	702.27
						51.0	245.95	-55.08	0.0	0.0	0.0	0.0
92	5	641.67	0.0	0.0	-105.30	0.0	302.58	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	302.58	1.53e-06	0.0	0.0	0.0	641.67
						48.8	302.58	-52.65	0.0	0.0	0.0	0.0
92	11	834.17	0.0	0.0	-136.89	0.0	784.20	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	784.20	1.98e-06	0.0	0.0	0.0	834.17
						48.8	784.20	-68.44	0.0	0.0	0.0	0.0
92	40	641.67	0.0	0.0	-105.30	0.0	280.23	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	280.23	1.53e-06	0.0	0.0	0.0	641.67
						48.8	280.23	-52.65	0.0	0.0	0.0	0.0
92	41	641.67	0.0	0.0	-105.30	0.0	402.40	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	402.40	1.53e-06	0.0	0.0	0.0	641.67
						48.8	402.40	-52.65	0.0	0.0	0.0	0.0
92	72	641.67	0.0	0.0	-105.30	0.0	258.48	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	258.48	1.53e-06	0.0	0.0	0.0	641.67
						48.8	258.48	-52.65	0.0	0.0	0.0	0.0
92	73	641.67	0.0	0.0	-105.30	0.0	424.15	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	424.15	1.53e-06	0.0	0.0	0.0	641.67
						48.8	424.15	-52.65	0.0	0.0	0.0	0.0
92	79	641.67	0.0	0.0	-105.30	0.0	316.71	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	316.71	1.53e-06	0.0	0.0	0.0	641.67

						48.8	316.71	-52.65	0.0	0.0	0.0	0.0
92	85	641.67	0.0	0.0	-105.30	0.0	555.60	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	555.60	1.53e-06	0.0	0.0	0.0	641.67
						48.8	555.60	-52.65	0.0	0.0	0.0	0.0
92	86	641.67	0.0	0.0	-105.30	0.0	316.71	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	316.71	1.53e-06	0.0	0.0	0.0	641.67
						48.8	316.71	-52.65	0.0	0.0	0.0	0.0
92	90	641.67	0.0	0.0	-105.30	0.0	377.61	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	377.61	1.53e-06	0.0	0.0	0.0	641.67
						48.8	377.61	-52.65	0.0	0.0	0.0	0.0
92	91	641.67	0.0	0.0	-105.30	0.0	316.71	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	316.71	1.53e-06	0.0	0.0	0.0	641.67
						48.8	316.71	-52.65	0.0	0.0	0.0	0.0
92	92	641.67	0.0	0.0	-105.30	0.0	341.32	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	341.32	1.53e-06	0.0	0.0	0.0	641.67
						48.8	341.32	-52.65	0.0	0.0	0.0	0.0
93	3	843.58	0.0	0.0	-244.29	0.0	-529.23	122.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-529.23	0.0	0.0	0.0	0.0	843.58
						27.6	-529.23	-122.15	0.0	0.0	0.0	0.0
93	12	482.14	0.0	0.0	-139.62	0.0	-356.83	69.81	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-356.83	-1.06e-06	0.0	0.0	0.0	482.14
						27.6	-356.83	-69.81	0.0	0.0	0.0	0.0
93	31	529.78	0.0	0.0	-153.42	0.0	-496.01	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-496.01	0.0	0.0	0.0	0.0	529.78
						27.6	-496.01	-76.71	0.0	0.0	0.0	0.0
93	34	529.78	0.0	0.0	-153.42	0.0	-264.75	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-264.75	0.0	0.0	0.0	0.0	529.78
						27.6	-264.75	-76.71	0.0	0.0	0.0	0.0
93	63	529.78	0.0	0.0	-153.42	0.0	-537.18	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-537.18	0.0	0.0	0.0	0.0	529.78
						27.6	-537.18	-76.71	0.0	0.0	0.0	0.0
93	66	529.78	0.0	0.0	-153.42	0.0	-223.58	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-223.58	0.0	0.0	0.0	0.0	529.78
						27.6	-223.58	-76.71	0.0	0.0	0.0	0.0
93	81	622.43	0.0	0.0	-180.25	0.0	-400.52	90.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-400.52	0.0	0.0	0.0	0.0	622.43
						27.6	-400.52	-90.13	0.0	0.0	0.0	0.0
93	83	490.08	0.0	0.0	-141.92	0.0	-363.67	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-363.67	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-363.67	-70.96	0.0	0.0	0.0	0.0
93	87	556.26	0.0	0.0	-161.09	0.0	-386.13	80.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-386.13	0.0	0.0	0.0	0.0	556.26
						27.6	-386.13	-80.54	0.0	0.0	0.0	0.0
93	88	490.08	0.0	0.0	-141.92	0.0	-370.13	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-370.13	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-370.13	-70.96	0.0	0.0	0.0	0.0
93	91	490.08	0.0	0.0	-141.92	0.0	-371.75	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-371.75	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-371.75	-70.96	0.0	0.0	0.0	0.0
93	92	529.78	0.0	0.0	-153.42	0.0	-380.38	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-380.38	0.0	0.0	0.0	0.0	529.78
						27.6	-380.38	-76.71	0.0	0.0	0.0	0.0
99	1	9.033e+04	0.0	0.29	-2433.11	0.0	136.86	1216.56	0.0	-9.43	0.0	0.0
		0.0	0.0	-4.42e-05	0.0	148.5	136.86	0.0	0.0	-9.43	0.0	9.033e+04
						297.0	136.86	-1216.56	0.0	-9.43	0.0	0.0
99	3	1.883e+05	0.0	0.30	-5073.34	0.0	48.13	2536.67	0.0	-12.20	0.0	0.0
		0.0	0.0	3.59e-04	0.0	148.5	48.13	-2.45e-05	0.0	-12.20	0.0	1.883e+05
						297.0	48.13	-2536.67	0.0	-12.20	0.0	0.0
99	7	1.540e+05	0.0	0.24	-4148.54	0.0	28.49	2074.27	0.0	-9.65	0.0	0.0
		0.0	0.0	3.21e-04	0.0	148.5	28.49	-2.46e-05	0.0	-9.65	0.0	1.540e+05
						297.0	28.49	-2074.27	0.0	-9.65	0.0	0.0
99	9	9.033e+04	0.0	0.31	-2433.11	0.0	160.56	1216.56	0.0	-9.83	0.0	0.0
		0.0	0.0	-3.99e-04	0.0	148.5	160.56	0.0	0.0	-9.83	0.0	9.033e+04
						297.0	160.56	-1216.56	0.0	-9.83	0.0	0.0
99	15	8.322e+04	0.0	0.24	-2241.71	0.0	105.83	1120.85	0.0	-5.35	0.0	0.0
		0.0	0.0	-5.91e-03	0.0	148.5	105.83	-5.39e-06	0.0	-5.35	0.0	8.322e+04
						297.0	105.83	-1120.85	0.0	-5.35	0.0	0.0
99	16	8.322e+04	0.0	0.26	-2241.71	0.0	124.42	1120.85	0.0	-6.09	0.0	0.0
		0.0	0.0	3.50e-04	0.0	148.5	124.42	-5.39e-06	0.0	-6.09	0.0	8.322e+04
						297.0	124.42	-1120.85	0.0	-6.09	0.0	0.0
99	17	8.322e+04	0.0	0.19	-2241.71	0.0	61.03	1120.85	0.0	-9.20	0.0	0.0
		0.0	0.0	-2.98e-04	0.0	148.5	61.03	-5.39e-06	0.0	-9.20	0.0	8.322e+04
						297.0	61.03	-1120.85	0.0	-9.20	0.0	0.0
99	32	8.322e+04	0.0	0.25	-2241.71	0.0	130.42	1120.85	0.0	-8.31	0.0	0.0
		0.0	0.0	9.62e-03	0.0	148.5	130.42	-5.39e-06	0.0	-8.31	0.0	8.322e+04
						297.0	130.42	-1120.85	0.0	-8.31	0.0	0.0
99	33	8.322e+04	0.0	0.20	-2241.71	0.0	55.03	1120.85	0.0	-6.98	0.0	0.0

		0.0	0.0	-9.57e-03	0.0	148.5	55.03	-5.39e-06	0.0	-6.98	0.0	8.322e+04
						297.0	55.03	-1120.85	0.0	-6.98	0.0	0.0
99	47	8.322e+04	0.0	0.25	-2241.71	0.0	110.50	1120.85	0.0	-4.53	0.0	0.0
		0.0	0.0	-8.03e-03	0.0	148.5	110.50	-5.39e-06	0.0	-4.53	0.0	8.322e+04
						297.0	110.50	-1120.85	0.0	-4.53	0.0	0.0
99	48	8.322e+04	0.0	0.27	-2241.71	0.0	135.70	1120.85	0.0	-5.54	0.0	0.0
		0.0	0.0	4.65e-04	0.0	148.5	135.70	-5.39e-06	0.0	-5.54	0.0	8.322e+04
						297.0	135.70	-1120.85	0.0	-5.54	0.0	0.0
99	49	8.322e+04	0.0	0.18	-2241.71	0.0	49.75	1120.85	0.0	-9.75	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	148.5	49.75	-5.39e-06	0.0	-9.75	0.0	8.322e+04
						297.0	49.75	-1120.85	0.0	-9.75	0.0	0.0
99	64	8.322e+04	0.0	0.26	-2241.71	0.0	143.84	1120.85	0.0	-8.55	0.0	0.0
		0.0	0.0	0.01	0.0	148.5	143.84	-5.39e-06	0.0	-8.55	0.0	8.322e+04
						297.0	143.84	-1120.85	0.0	-8.55	0.0	0.0
99	65	8.322e+04	0.0	0.19	-2241.71	0.0	41.61	1120.85	0.0	-6.74	0.0	0.0
		0.0	0.0	-0.01	0.0	148.5	41.61	-5.39e-06	0.0	-6.74	0.0	8.322e+04
						297.0	41.61	-1120.85	0.0	-6.74	0.0	0.0
99	79	6.362e+04	0.0	0.22	-1713.66	0.0	110.47	856.83	0.0	-7.09	0.0	0.0
		0.0	0.0	-5.48e-05	0.0	148.5	110.47	0.0	0.0	-7.09	0.0	6.362e+04
						297.0	110.47	-856.83	0.0	-7.09	0.0	0.0
99	81	1.290e+05	0.0	0.23	-3473.82	0.0	51.32	1736.91	0.0	-8.94	0.0	0.0
		0.0	0.0	2.14e-04	0.0	148.5	51.32	-1.65e-05	0.0	-8.94	0.0	1.290e+05
						297.0	51.32	-1736.91	0.0	-8.94	0.0	0.0
99	83	6.362e+04	0.0	0.23	-1713.66	0.0	126.28	856.83	0.0	-7.36	0.0	0.0
		0.0	0.0	-2.91e-04	0.0	148.5	126.28	0.0	0.0	-7.36	0.0	6.362e+04
						297.0	126.28	-856.83	0.0	-7.36	0.0	0.0
99	86	6.362e+04	0.0	0.22	-1713.66	0.0	110.47	856.83	0.0	-7.09	0.0	0.0
		0.0	0.0	-5.48e-05	0.0	148.5	110.47	0.0	0.0	-7.09	0.0	6.362e+04
						297.0	110.47	-856.83	0.0	-7.09	0.0	0.0
99	87	9.629e+04	0.0	0.23	-2593.74	0.0	80.90	1296.87	0.0	-8.01	0.0	0.0
		0.0	0.0	7.96e-05	0.0	148.5	80.90	-8.57e-06	0.0	-8.01	0.0	9.629e+04
						297.0	80.90	-1296.87	0.0	-8.01	0.0	0.0
99	88	6.362e+04	0.0	0.22	-1713.66	0.0	113.63	856.83	0.0	-7.14	0.0	0.0
		0.0	0.0	-1.02e-04	0.0	148.5	113.63	0.0	0.0	-7.14	0.0	6.362e+04
						297.0	113.63	-856.83	0.0	-7.14	0.0	0.0
99	91	6.362e+04	0.0	0.22	-1713.66	0.0	110.47	856.83	0.0	-7.09	0.0	0.0
		0.0	0.0	-5.48e-05	0.0	148.5	110.47	0.0	0.0	-7.09	0.0	6.362e+04
						297.0	110.47	-856.83	0.0	-7.09	0.0	0.0
99	92	8.322e+04	0.0	0.23	-2241.71	0.0	92.73	1120.85	0.0	-7.64	0.0	0.0
		0.0	0.0	2.59e-05	0.0	148.5	92.73	-5.39e-06	0.0	-7.64	0.0	8.322e+04
						297.0	92.73	-1120.85	0.0	-7.64	0.0	0.0
100	5	1847.70	72.78	-0.06	-36.48	0.0	206.95	6.47	1.99	16.39	-259.51	1629.25
		425.03	-259.51	-4.13e-03	0.0	83.6	200.76	-4.92	1.99	16.39	-93.37	1789.59
						167.2	187.12	-30.01	1.99	16.39	72.78	425.03
100	11	1.065e+04	319.33	-0.18	-184.52	0.0	-602.73	18.52	10.33	87.22	-1408.01	1.007e+04
		2557.75	-1408.01	0.03	0.0	83.6	-629.41	-30.56	10.33	87.22	-544.34	1.017e+04
						167.2	-703.03	-166.00	10.33	87.22	319.33	2557.75
100	17	3043.21	116.64	-0.06	-50.95	0.0	78.37	4.56	3.38	24.87	-448.72	2944.66
		581.89	-448.72	8.09e-03	0.0	83.6	70.21	-10.44	3.38	24.87	-166.04	2828.16
						167.2	50.67	-46.39	3.38	24.87	116.64	581.89
100	18	2965.28	128.69	-0.07	-50.95	0.0	148.77	4.37	3.54	25.10	-464.39	2860.92
		521.41	-464.39	-9.00e-03	0.0	83.6	140.61	-10.63	3.54	25.10	-167.85	2756.05
						167.2	121.07	-46.58	3.54	25.10	128.69	521.41
100	22	2975.99	127.43	-0.07	-50.95	0.0	142.21	4.39	3.54	25.09	-464.78	2873.14
		527.56	-464.78	-9.56e-03	0.0	83.6	134.06	-10.62	3.54	25.09	-168.67	2765.23
						167.2	114.52	-46.57	3.54	25.09	127.43	527.56
100	34	2668.00	124.78	-0.09	-50.95	0.0	240.79	6.38	3.28	24.20	-424.21	2451.85
		516.01	-424.21	-0.01	0.0	83.6	232.63	-8.63	3.28	24.20	-149.72	2548.81
						167.2	213.09	-44.58	3.28	24.20	124.78	516.01
100	36	2510.42	121.48	-0.09	-50.95	0.0	254.79	8.21	3.19	22.93	-413.74	2189.78
		564.97	-413.74	-0.01	0.0	83.6	246.63	-6.79	3.19	22.93	-146.13	2442.26
						167.2	227.09	-42.74	3.19	22.93	121.48	564.97
100	37	2921.76	72.50	-0.05	-50.95	0.0	0.60	7.09	2.43	23.71	-332.34	2726.17
		724.52	-332.34	8.81e-03	0.0	83.6	-7.56	-7.92	2.43	23.71	-129.92	2790.23
						167.2	-27.10	-43.87	2.43	23.71	72.50	724.52
100	49	3176.01	123.63	-0.06	-50.95	0.0	60.81	3.47	3.59	25.42	-475.66	3117.92
		559.52	-475.66	8.76e-03	0.0	83.6	52.65	-11.54	3.59	25.42	-176.01	2903.60
						167.2	33.11	-47.49	3.59	25.42	123.63	559.52
100	50	3068.36	139.97	-0.07	-50.95	0.0	156.27	3.21	3.81	25.73	-496.91	3004.36
		477.50	-496.91	-0.01	0.0	83.6	148.11	-11.80	3.81	25.73	-178.47	2805.82
						167.2	128.57	-47.75	3.81	25.73	139.97	477.50
100	54	3083.39	138.27	-0.07	-50.95	0.0	147.38	3.22	3.80	25.72	-497.43	3020.93
		485.85	-497.43	-0.01	0.0	83.6	139.23	-11.78	3.80	25.72	-179.58	2818.28
						167.2	119.68	-47.73	3.80	25.72	138.27	485.85
100	66	2652.18	134.67	-0.09	-50.95	0.0	281.05	5.93	3.44	24.52	-442.43	2449.67
		470.18	-442.43	-0.02	0.0	83.6	272.89	-9.08	3.44	24.52	-153.88	2524.81
						167.2	253.35	-45.03	3.44	24.52	134.67	470.18

100	68	2440.10	130.20	-0.10	-50.95	0.0	300.03	8.42	3.33	22.79	-428.22	2094.31
		536.56	-428.22	-0.02	0.0	83.6	291.88	-6.59	3.33	22.79	-149.01	2380.32
						167.2	272.34	-42.54	3.33	22.79	130.20	536.56
100	69	2996.27	63.78	-0.05	-50.95	0.0	-44.65	6.89	2.29	23.85	-317.85	2821.64
		752.92	-317.85	9.98e-03	0.0	83.6	-52.81	-8.12	2.29	23.85	-127.03	2852.17
						167.2	-72.35	-44.07	2.29	23.85	63.78	752.92
100	79	2157.69	81.92	-0.06	-41.68	0.0	177.51	6.88	2.29	18.87	-300.86	1927.83
		502.36	-300.86	4.74e-03	0.0	83.6	170.61	-5.81	2.29	18.87	-109.47	2086.11
						167.2	154.86	-34.80	2.29	18.87	81.92	502.36
100	85	7180.77	217.72	-0.12	-125.10	0.0	-358.53	12.99	6.99	59.01	-951.22	6773.40
		1720.60	-951.22	0.02	0.0	83.6	-376.76	-20.55	6.99	59.01	-366.75	6861.54
						167.2	-426.53	-112.11	6.99	59.01	217.72	1720.60
100	86	2157.69	81.92	-0.06	-41.68	0.0	177.51	6.88	2.29	18.87	-300.86	1927.83
		502.36	-300.86	4.74e-03	0.0	83.6	170.61	-5.81	2.29	18.87	-109.47	2086.11
						167.2	154.86	-34.80	2.29	18.87	81.92	502.36
100	90	3458.17	117.12	-0.08	-63.31	0.0	43.73	8.51	3.51	29.27	-469.43	3179.69
		821.94	-469.43	8.38e-03	0.0	83.6	33.90	-9.58	3.51	29.27	-176.16	3323.93
						167.2	9.32	-54.80	3.51	29.27	117.12	821.94
100	91	2157.69	81.92	-0.06	-41.68	0.0	177.51	6.88	2.29	18.87	-300.86	1927.83
		502.36	-300.86	4.74e-03	0.0	83.6	170.61	-5.81	2.29	18.87	-109.47	2086.11
						167.2	154.86	-34.80	2.29	18.87	81.92	502.36
100	92	2712.44	96.99	-0.07	-50.95	0.0	127.69	7.65	2.81	23.32	-373.04	2457.97
		644.74	-373.04	6.26e-03	0.0	83.6	119.54	-7.35	2.81	23.32	-138.02	2616.24
						167.2	100.00	-43.30	2.81	23.32	96.99	644.74
101	5	2016.60	247.08	0.02	-34.63	0.0	-349.25	7.97	-1.79	-18.75	247.08	1698.18
		847.55	-52.42	-6.03e-03	0.0	83.6	-355.19	-2.96	-1.79	-18.75	97.33	1996.66
						167.2	-368.07	-26.66	-1.79	-18.75	-52.42	847.55
101	11	1.083e+04	1431.26	-0.10	-172.82	0.0	-1408.16	21.43	-11.14	-102.46	1431.26	1.008e+04
		3706.60	-430.73	-0.02	0.0	83.6	-1433.24	-24.72	-11.14	-102.46	500.27	1.051e+04
						167.2	-1502.10	-151.39	-11.14	-102.46	-430.73	3706.60
101	18	3182.22	311.60	0.01	-48.13	0.0	-518.03	6.37	-2.31	-29.41	311.60	2987.81
		1124.51	-74.84	-7.25e-03	0.0	83.6	-525.80	-7.93	-2.31	-29.41	118.38	3061.98
						167.2	-544.19	-41.76	-2.31	-29.41	-74.84	1124.51
101	30	3141.62	441.05	-0.01	-48.13	0.0	-499.96	6.59	-3.29	-28.29	441.05	2942.97
		1093.23	-109.08	-0.01	0.0	83.6	-507.74	-7.71	-3.29	-28.29	165.98	3023.92
						167.2	-526.12	-41.54	-3.29	-28.29	-109.08	1093.23
101	31	2710.45	365.60	-0.02	-48.13	0.0	-371.37	10.32	-2.73	-27.64	365.60	2297.85
		1053.61	-90.70	8.49e-03	0.0	83.6	-379.14	-3.98	-2.73	-27.64	137.45	2681.55
						167.2	-397.53	-37.81	-2.73	-27.64	-90.70	1053.61
101	34	3051.09	363.23	0.02	-48.13	0.0	-526.72	8.20	-2.71	-26.30	363.23	2745.05
		1216.66	-89.76	-0.01	0.0	83.6	-534.49	-6.10	-2.71	-26.30	136.74	2986.68
						167.2	-552.88	-39.92	-2.71	-26.30	-89.76	1216.66
101	37	2856.72	369.41	-0.02	-48.13	0.0	-397.18	8.65	-2.75	-29.01	369.41	2550.47
		1022.64	-90.82	8.43e-03	0.0	83.6	-404.96	-5.65	-2.75	-29.01	139.29	2792.38
						167.2	-423.34	-39.48	-2.75	-29.01	-90.82	1022.64
101	50	3297.88	292.80	0.02	-48.13	0.0	-542.59	5.34	-2.17	-30.28	292.80	3153.83
		1120.73	-69.36	-7.15e-03	0.0	83.6	-550.36	-8.96	-2.17	-30.28	111.72	3143.10
						167.2	-568.75	-42.79	-2.17	-30.28	-69.36	1120.73
101	62	3241.68	468.33	0.01	-48.13	0.0	-518.09	5.64	-3.49	-28.75	468.33	3093.03
		1078.31	-115.79	-0.01	0.0	83.6	-525.86	-8.66	-3.49	-28.75	176.27	3091.49
						167.2	-544.25	-42.49	-3.49	-28.75	-115.79	1078.31
101	63	2652.65	366.02	-0.02	-48.13	0.0	-343.72	10.70	-2.73	-27.88	366.02	2218.25
		1024.58	-90.87	0.01	0.0	83.6	-351.49	-3.60	-2.73	-27.88	137.58	2627.24
						167.2	-369.88	-37.43	-2.73	-27.88	-90.87	1024.58
101	66	3111.73	362.81	0.03	-48.13	0.0	-554.37	7.83	-2.71	-26.06	362.81	2824.66
		1245.69	-89.59	-0.01	0.0	83.6	-562.14	-6.47	-2.71	-26.06	136.61	3040.99
						167.2	-580.53	-40.30	-2.71	-26.06	-89.59	1245.69
101	69	2848.16	371.18	-0.02	-48.13	0.0	-378.72	8.43	-2.76	-29.74	371.18	2560.80
		982.59	-91.03	0.01	0.0	83.6	-386.49	-5.87	-2.76	-29.74	140.08	2777.52
						167.2	-404.88	-39.70	-2.76	-29.74	-91.03	982.59
101	79	2326.01	289.88	0.01	-39.48	0.0	-384.42	8.42	-2.13	-21.69	289.88	1994.07
		949.08	-66.64	-6.57e-03	0.0	83.6	-391.01	-3.72	-2.13	-21.69	111.62	2296.60
						167.2	-405.87	-31.06	-2.13	-21.69	-66.64	949.08
101	85	7322.38	964.29	-0.06	-117.25	0.0	-966.58	15.11	-7.48	-69.24	964.29	6791.04
		2529.93	-286.55	-0.02	0.0	83.6	-983.75	-16.47	-7.48	-69.24	338.87	7110.87
						167.2	-1030.31	-102.14	-7.48	-69.24	-286.55	2529.93
101	86	2326.01	289.88	0.01	-39.48	0.0	-384.42	8.42	-2.13	-21.69	289.88	1994.07
		949.08	-66.64	-6.57e-03	0.0	83.6	-391.01	-3.72	-2.13	-21.69	111.62	2296.60
						167.2	-405.87	-31.06	-2.13	-21.69	-66.64	949.08
101	90	3619.43	464.51	-0.02	-59.65	0.0	-535.32	10.21	-3.52	-34.01	464.51	3234.74
		1364.48	-123.20	-9.18e-03	0.0	83.6	-544.66	-6.97	-3.52	-34.01	170.65	3546.13
						167.2	-567.74	-49.44	-3.52	-34.01	-123.20	1364.48
101	91	2326.01	289.88	0.01	-39.48	0.0	-384.42	8.42	-2.13	-21.69	289.88	1994.07
		949.08	-66.64	-6.57e-03	0.0	83.6	-391.01	-3.72	-2.13	-21.69	111.62	2296.60
						167.2	-405.87	-31.06	-2.13	-21.69	-66.64	949.08
101	92	2880.77	364.42	-0.01	-48.13	0.0	-449.04	9.26	-2.72	-26.97	364.42	2521.45
		1135.14	-90.23	-7.65e-03	0.0	83.6	-456.82	-5.04	-2.72	-26.97	137.09	2834.12

102	5	25.53	189.95	0.04	-39.97	167.2	-475.21	-38.87	-2.72	-26.97	-90.23	1135.14
		-1071.59	92.55	-0.02	0.0	0.0	64.93	11.54	0.77	5.72	92.55	-244.87
						63.5	51.58	-5.54	0.77	5.72	141.25	-23.75
102	11	165.80	1003.38	0.06	-220.21	127.0	33.68	-28.43	0.77	5.72	189.95	-1071.59
		-6447.58	465.99	-0.14	0.0	0.0	111.98	55.18	4.23	28.46	465.99	-1016.84
						63.5	40.15	-36.68	4.23	28.46	734.69	-236.47
102	15	66.18	483.72	0.04	-57.81	127.0	-60.22	-165.02	4.23	28.46	1003.38	-6447.58
		-1627.39	30.13	-0.01	0.0	0.0	8.44	15.57	-3.48	24.00	483.72	-267.07
						63.5	-10.69	-8.90	-3.48	24.00	256.92	-29.56
102	18	11.75	510.01	0.04	-57.81	127.0	-36.77	-42.24	-3.48	24.00	30.13	-1627.39
		-1580.92	-225.06	-0.04	0.0	0.0	121.71	16.10	5.69	-8.06	-225.06	-373.92
						63.5	102.58	-8.36	5.69	-8.06	142.48	-59.76
102	29	42.29	547.92	0.03	-57.81	127.0	76.51	-41.70	5.69	-8.06	510.01	-1580.92
		-1686.45	-300.96	-0.06	0.0	0.0	96.22	14.84	6.81	-10.50	-300.96	-274.97
						63.5	77.09	-9.63	6.81	-10.50	123.48	-63.04
102	30	38.89	564.37	0.04	-57.81	127.0	51.02	-42.97	6.81	-10.50	547.92	-1686.45
		-1627.69	-276.67	-0.06	0.0	0.0	113.03	15.55	6.49	-9.47	-276.67	-306.63
						63.5	93.90	-8.91	6.49	-9.47	143.85	-49.49
102	37	48.80	335.38	0.03	-57.81	127.0	67.83	-42.26	6.49	-9.47	564.37	-1627.69
		-1765.25	-31.91	-0.04	0.0	0.0	41.14	13.86	3.20	1.03	-31.91	-229.67
						63.5	22.01	-10.61	3.20	1.03	151.73	-79.80
102	47	76.67	609.88	0.04	-57.81	127.0	-4.06	-43.95	3.20	1.03	335.38	-1765.25
		-1635.66	-55.29	-0.01	0.0	0.0	-11.73	15.47	-5.11	29.71	609.88	-248.05
						63.5	-30.86	-8.99	-5.11	29.71	277.29	-24.19
102	50	2.96	595.43	0.04	-57.81	127.0	-56.93	-42.33	-5.11	29.71	-55.29	-1635.66
		-1572.65	-351.22	-0.05	0.0	0.0	141.87	16.20	7.32	-13.76	-351.22	-392.94
						63.5	122.74	-8.27	7.32	-13.76	122.11	-65.13
102	60	39.69	712.80	0.05	-57.81	127.0	96.67	-41.61	7.32	-13.76	595.43	-1572.65
		-1492.57	-106.70	0.01	0.0	0.0	22.84	17.19	-6.62	33.02	712.80	-382.22
						63.5	3.71	-7.28	-6.62	33.02	303.05	-19.73
102	61	44.28	646.84	0.03	-57.81	127.0	-22.37	-40.62	-6.62	33.02	-106.70	-1492.57
		-1715.75	-454.14	-0.07	0.0	0.0	107.31	14.48	8.84	-17.08	-454.14	-258.76
						63.5	88.18	-9.98	8.84	-17.08	96.35	-69.59
102	69	53.11	358.63	0.03	-57.81	127.0	62.11	-43.32	8.84	-17.08	646.84	-1715.75
		-1822.60	-89.31	-0.04	0.0	0.0	32.62	13.15	3.94	-1.44	-89.31	-197.34
						63.5	13.49	-11.31	3.94	-1.44	134.66	-92.31
102	79	29.84	218.65	0.04	-46.37	127.0	-12.58	-44.66	3.94	-1.44	358.63	-1822.60
		-1262.19	105.70	-0.02	0.0	0.0	63.84	13.08	0.89	6.53	105.70	-271.71
						63.5	48.41	-6.65	0.89	6.53	162.17	-30.82
102	85	110.52	678.94	0.04	-148.72	127.0	27.58	-33.29	0.89	6.53	218.65	-1262.19
		-4339.61	315.99	-0.09	0.0	0.0	83.89	37.50	2.86	19.31	315.99	-696.23
						63.5	35.33	-24.60	2.86	19.31	497.47	-157.04
102	86	29.84	218.65	0.04	-46.37	127.0	-32.40	-111.22	2.86	19.31	678.94	-4339.61
		-1262.19	105.70	-0.02	0.0	0.0	63.84	13.08	0.89	6.53	105.70	-271.71
						63.5	48.41	-6.65	0.89	6.53	162.17	-30.82
102	90	49.10	338.13	0.04	-72.94	127.0	27.58	-33.29	0.89	6.53	218.65	-1262.19
		-2060.06	160.36	-0.04	0.0	0.0	68.51	19.44	1.40	9.85	160.36	-382.63
						63.5	44.48	-11.30	1.40	9.85	249.25	-63.45
102	91	29.84	218.65	0.04	-46.37	127.0	11.47	-53.50	1.40	9.85	338.13	-2060.06
		-1262.19	105.70	-0.02	0.0	0.0	63.84	13.08	0.89	6.53	105.70	-271.71
						63.5	48.41	-6.65	0.89	6.53	162.17	-30.82
102	92	36.71	270.07	0.04	-57.81	127.0	27.58	-33.29	0.89	6.53	218.65	-1262.19
		-1604.16	129.33	-0.03	0.0	0.0	65.07	15.84	1.11	7.97	129.33	-320.49
						63.5	45.94	-8.63	1.11	7.97	199.70	-44.66
103	5	1958.70	205.77	0.06	-101.57	127.0	19.87	-41.97	1.11	7.97	270.07	-1604.16
		-1980.59	0.0	-0.02	0.0	0.0	-512.48	43.40	0.91	25.89	0.0	0.0
						112.6	-471.12	-9.50	0.91	25.89	102.88	1869.85
103	11	1.113e+04	1117.95	-0.07	-583.20	225.3	-433.06	-58.17	0.91	25.89	205.77	-1980.59
		-1.170e+04	0.0	-0.17	0.0	0.0	-1336.04	248.53	4.96	150.79	0.0	0.0
						112.6	-1097.64	-56.34	4.96	150.79	558.98	1.057e+04
103	12	7741.39	779.98	0.05	-405.91	225.3	-879.99	-334.67	4.96	150.79	1117.95	-1.170e+04
		-8148.85	0.0	-0.12	0.0	0.0	-928.13	172.93	3.46	105.59	0.0	0.0
						112.6	-762.21	-39.24	3.46	105.59	389.99	7356.20
103	20	2867.04	0.0	0.07	-149.40	225.3	-610.71	-232.99	3.46	105.59	779.98	-8148.85
		-2948.20	-19.47	1.10e-03	0.0	0.0	-641.95	63.77	-0.09	46.06	0.0	0.0
						112.6	-581.01	-14.16	-0.09	46.06	-9.74	2733.07
103	21	2871.17	610.97	0.05	-149.40	225.3	-525.12	-85.63	-0.09	46.06	-19.47	-2948.20
		-2937.52	0.0	-0.08	0.0	0.0	-548.47	63.81	2.71	30.11	0.0	0.0
						112.6	-487.53	-14.12	2.71	30.11	305.49	2738.40
103	35	2983.42	269.62	0.03	-149.40	225.3	-431.64	-85.59	2.71	30.11	610.97	-2937.52
		-2680.95	0.0	-0.03	0.0	0.0	-485.20	64.95	1.20	40.52	0.0	0.0
						112.6	-424.26	-12.98	1.20	40.52	134.81	2866.69
103	36	2785.41	199.08	0.09	-149.40	225.3	-368.37	-84.45	1.20	40.52	269.62	-2680.95
		-3165.88	0.0	-0.03	0.0	0.0	-730.06	62.80	0.88	38.49	0.0	0.0
						112.6	-669.12	-15.13	0.88	38.49	99.54	2624.23
103	37	2966.40	392.43	0.03	-149.40	225.3	-613.23	-86.60	0.88	38.49	199.08	-3165.88
						0.0	-460.36	64.78	1.74	37.69	0.0	0.0

		-2719.84	0.0	-0.05	0.0	112.6	-399.42	-13.15	1.74	37.69	196.21	2847.24
						225.3	-343.53	-84.62	1.74	37.69	392.43	-2719.84
103	38	2770.82	321.88	0.09	-149.40	0.0	-705.23	62.63	1.43	35.66	0.0	0.0
		-3204.77	0.0	-0.04	0.0	112.6	-644.29	-15.30	1.43	35.66	160.94	2604.78
						225.3	-588.40	-86.77	1.43	35.66	321.88	-3204.77
103	52	2866.32	0.0	0.07	-149.40	0.0	-658.59	63.76	-0.58	48.90	0.0	0.0
		-2950.10	-131.69	0.02	0.0	112.6	-597.65	-14.17	-0.58	48.90	-65.84	2732.12
						225.3	-541.76	-85.64	-0.58	48.90	-131.69	-2950.10
103	53	2872.00	723.19	0.05	-149.40	0.0	-531.83	63.82	3.21	27.28	0.0	0.0
		-2935.62	0.0	-0.09	0.0	112.6	-470.89	-14.11	3.21	27.28	361.60	2739.35
						225.3	-415.00	-85.58	3.21	27.28	723.19	-2935.62
103	67	3024.21	260.32	0.03	-149.40	0.0	-446.03	65.37	1.16	41.38	0.0	0.0
		-2587.71	0.0	-0.03	0.0	112.6	-385.09	-12.56	1.16	41.38	130.16	2913.31
						225.3	-329.20	-84.03	1.16	41.38	260.32	-2587.71
103	68	2755.63	164.66	0.10	-149.40	0.0	-778.07	62.45	0.73	38.63	0.0	0.0
		-3245.27	0.0	-0.02	0.0	112.6	-717.13	-15.48	0.73	38.63	82.33	2584.53
						225.3	-661.24	-86.95	0.73	38.63	164.66	-3245.27
103	69	3001.14	426.84	0.02	-149.40	0.0	-412.35	65.13	1.89	37.55	0.0	0.0
		-2640.45	0.0	-0.06	0.0	112.6	-351.41	-12.80	1.89	37.55	213.42	2886.94
						225.3	-295.52	-84.27	1.89	37.55	426.84	-2640.45
103	70	2735.86	331.18	0.10	-149.40	0.0	-744.39	62.21	1.47	34.80	0.0	0.0
		-3298.01	0.0	-0.04	0.0	112.6	-683.45	-15.72	1.47	34.80	165.59	2558.16
						225.3	-627.56	-87.19	1.47	34.80	331.18	-3298.01
103	79	2285.44	238.02	0.06	-118.74	0.0	-541.97	50.72	1.06	30.28	0.0	0.0
		-2325.97	0.0	-0.03	0.0	112.6	-493.57	-11.16	1.06	30.28	119.01	2180.71
						225.3	-449.11	-68.02	1.06	30.28	238.02	-2325.97
103	83	6140.67	620.83	0.05	-321.64	0.0	-819.06	137.07	2.76	83.41	0.0	0.0
		-6438.14	0.0	-0.09	0.0	112.6	-687.64	-30.99	2.76	83.41	310.42	5838.28
						225.3	-567.55	-184.56	2.76	83.41	620.83	-6438.14
103	85	7504.42	755.53	0.06	-393.18	0.0	-943.30	167.57	3.35	101.64	0.0	0.0
		-7877.55	0.0	-0.12	0.0	112.6	-782.60	-37.94	3.35	101.64	377.77	7133.34
						225.3	-635.84	-225.61	3.35	101.64	755.53	-7877.55
103	86	2285.44	238.02	0.06	-118.74	0.0	-541.97	50.72	1.06	30.28	0.0	0.0
		-2325.97	0.0	-0.03	0.0	112.6	-493.57	-11.16	1.06	30.28	119.01	2180.71
						225.3	-449.11	-68.02	1.06	30.28	238.02	-2325.97
103	88	3055.80	314.58	0.06	-159.32	0.0	-597.38	67.99	1.40	40.91	0.0	0.0
		-3148.40	0.0	-0.04	0.0	112.6	-532.39	-15.13	1.40	40.91	157.29	2912.22
						225.3	-472.80	-91.33	1.40	40.91	314.58	-3148.40
103	90	3640.26	372.31	0.06	-189.98	0.0	-650.63	81.06	1.65	48.72	0.0	0.0
		-3765.29	0.0	-0.05	0.0	112.6	-573.08	-18.11	1.65	48.72	186.16	3467.25
						225.3	-502.07	-108.92	1.65	48.72	372.31	-3765.29
103	91	2285.44	238.02	0.06	-118.74	0.0	-541.97	50.72	1.06	30.28	0.0	0.0
		-2325.97	0.0	-0.03	0.0	112.6	-493.57	-11.16	1.06	30.28	119.01	2180.71
						225.3	-449.11	-68.02	1.06	30.28	238.02	-2325.97
103	92	2869.04	295.75	0.06	-149.40	0.0	-595.21	63.79	1.31	38.09	0.0	0.0
		-2942.86	0.0	-0.04	0.0	112.6	-534.27	-14.14	1.31	38.09	147.88	2735.74
						225.3	-478.38	-85.61	1.31	38.09	295.75	-2942.86
104	1	1104.39	17.23	0.22	-44.55	0.0	102.96	23.97	0.06	-1.83	-14.15	-2467.68
		-2467.68	-14.15	0.08	0.0	277.5	102.96	1.70	0.06	-1.83	1.54	1093.78
						555.0	102.96	-20.57	0.06	-1.83	17.23	-1525.43
104	3	1092.44	17.65	0.25	-44.55	0.0	154.82	23.94	0.06	-1.94	-14.24	-2471.42
		-2471.42	-14.24	0.09	0.0	277.5	154.82	1.67	0.06	-1.94	1.70	1082.75
						555.0	154.82	-20.60	0.06	-1.94	17.65	-1543.75
104	5	852.10	13.21	0.17	-34.27	0.0	68.60	18.44	0.04	-1.40	-10.91	-1896.75
		-1896.75	-10.91	0.06	0.0	277.5	68.60	1.31	0.04	-1.40	1.15	843.82
						555.0	68.60	-15.82	0.04	-1.40	13.21	-1169.98
104	11	1078.93	17.99	0.25	-44.55	0.0	226.39	24.02	0.06	-1.78	-13.84	-2507.97
		-2507.97	-13.84	0.09	0.0	277.5	226.39	1.75	0.06	-1.78	2.08	1066.68
						555.0	226.39	-20.53	0.06	-1.78	17.99	-1539.34
104	25	883.62	13.19	0.14	-34.27	0.0	78.11	19.30	0.04	-1.37	-11.03	-2134.40
		-2134.40	-11.03	0.05	0.0	277.5	78.11	2.17	0.04	-1.37	1.08	845.43
						555.0	78.11	-14.96	0.04	-1.37	13.19	-929.11
104	31	869.48	15.14	0.12	-34.27	0.0	79.76	19.13	0.05	-0.61	-13.09	-2092.53
		-2092.53	-13.09	0.06	0.0	277.5	79.76	1.99	0.05	-0.61	1.03	837.52
						555.0	79.76	-15.14	0.05	-0.61	15.14	-986.81
104	36	840.80	12.04	0.24	-34.27	0.0	92.64	17.50	0.04	-2.10	-9.20	-1638.03
		-1638.03	-9.20	0.06	0.0	277.5	92.64	0.37	0.04	-2.10	1.42	840.80
						555.0	92.64	-16.77	0.04	-2.10	12.04	-1434.73
104	37	880.15	14.60	0.11	-34.27	0.0	77.29	19.37	0.05	-0.75	-12.62	-2158.63
		-2158.63	-12.62	0.06	0.0	277.5	77.29	2.24	0.05	-0.75	0.99	839.65
						555.0	77.29	-14.89	0.05	-0.75	14.60	-916.43
104	39	865.93	15.22	0.12	-34.27	0.0	81.24	18.93	0.05	-0.69	-13.09	-2035.85
		-2035.85	-13.09	0.07	0.0	277.5	81.24	1.80	0.05	-0.69	1.07	840.66
						555.0	81.24	-15.33	0.05	-0.69	15.22	-1037.20
104	57	896.21	13.14	0.13	-34.27	0.0	75.67	19.61	0.04	-1.36	-11.07	-2218.43
		-2218.43	-11.07	0.05	0.0	277.5	75.67	2.48	0.04	-1.36	1.03	847.28
						555.0	75.67	-14.65	0.04	-1.36	13.14	-841.37

104	63	877.03	15.79	0.10	-34.27	0.0	77.91	19.37	0.05	-0.32	-13.86	-2161.66
		-2161.66	-13.86	0.07	0.0	277.5	77.91	2.24	0.05	-0.32	0.96	836.55
						555.0	77.91	-14.89	0.05	-0.32	15.79	-919.61
104	68	841.01	11.59	0.26	-34.27	0.0	95.37	17.17	0.04	-2.34	-8.59	-1545.36
		-1545.36	-8.59	0.06	0.0	277.5	95.37	0.03	0.04	-2.34	1.50	841.01
						555.0	95.37	-17.10	0.04	-2.34	11.59	-1526.98
104	69	891.50	15.05	0.09	-34.27	0.0	74.56	19.70	0.05	-0.51	-13.23	-2251.29
		-2251.29	-13.23	0.06	0.0	277.5	74.56	2.57	0.05	-0.51	0.91	839.45
						555.0	74.56	-14.56	0.05	-0.51	15.05	-824.18
104	71	872.22	15.89	0.10	-34.27	0.0	79.92	19.11	0.05	-0.43	-13.86	-2084.81
		-2084.81	-13.86	0.08	0.0	277.5	79.92	1.98	0.05	-0.43	1.02	840.81
						555.0	79.92	-15.16	0.05	-0.43	15.89	-987.94
104	79	850.65	13.24	0.17	-34.27	0.0	74.59	18.44	0.04	-1.41	-10.89	-1897.58
		-1897.58	-10.89	0.06	0.0	277.5	74.59	1.31	0.04	-1.41	1.17	842.43
						555.0	74.59	-15.83	0.04	-1.41	13.24	-1171.92
104	81	842.68	13.51	0.19	-34.27	0.0	109.17	18.42	0.04	-1.47	-10.95	-1900.07
		-1900.07	-10.95	0.07	0.0	277.5	109.17	1.29	0.04	-1.47	1.28	835.08
						555.0	109.17	-15.84	0.04	-1.47	13.51	-1184.13
104	85	833.68	13.74	0.19	-34.27	0.0	156.88	18.47	0.04	-1.37	-10.69	-1924.44
		-1924.44	-10.69	0.07	0.0	277.5	156.88	1.34	0.04	-1.37	1.53	824.37
						555.0	156.88	-15.79	0.04	-1.37	13.74	-1181.19
104	86	850.65	13.24	0.17	-34.27	0.0	74.59	18.44	0.04	-1.41	-10.89	-1897.58
		-1897.58	-10.89	0.06	0.0	277.5	74.59	1.31	0.04	-1.41	1.17	842.43
						555.0	74.59	-15.83	0.04	-1.41	13.24	-1171.92
104	87	846.66	13.38	0.18	-34.27	0.0	91.88	18.43	0.04	-1.44	-10.92	-1898.83
		-1898.83	-10.92	0.06	0.0	277.5	91.88	1.30	0.04	-1.44	1.23	838.76
						555.0	91.88	-15.83	0.04	-1.44	13.38	-1178.02
104	90	845.98	13.38	0.18	-34.27	0.0	96.58	18.44	0.04	-1.41	-10.86	-1903.35
		-1903.35	-10.86	0.06	0.0	277.5	96.58	1.31	0.04	-1.41	1.26	837.64
						555.0	96.58	-15.82	0.04	-1.41	13.38	-1175.73
104	91	850.65	13.24	0.17	-34.27	0.0	74.59	18.44	0.04	-1.41	-10.89	-1897.58
		-1897.58	-10.89	0.06	0.0	277.5	74.59	1.31	0.04	-1.41	1.17	842.43
						555.0	74.59	-15.83	0.04	-1.41	13.24	-1171.92
104	92	848.26	13.32	0.17	-34.27	0.0	84.96	18.44	0.04	-1.43	-10.91	-1898.33
		-1898.33	-10.91	0.06	0.0	277.5	84.96	1.30	0.04	-1.43	1.20	840.23
						555.0	84.96	-15.83	0.04	-1.43	13.32	-1175.58
105	4	656.89	10.10	0.02	-238.37	0.0	-475.91	104.21	0.05	-0.13	3.92	-2251.36
		-4115.44	3.92	0.02	0.0	63.5	-568.76	-14.53	0.05	-0.13	7.01	600.67
						127.0	-662.31	-134.16	0.05	-0.13	10.10	-4115.44
105	5	142.87	6.37	0.02	-51.28	0.0	-114.32	22.72	0.03	-0.17	2.01	-499.47
		-862.29	2.01	0.01	0.0	63.5	-134.30	-2.83	0.03	-0.17	4.19	133.14
						127.0	-154.42	-28.55	0.03	-0.17	6.37	-862.29
105	11	802.05	9.98	0.01	-291.22	0.0	-577.59	127.19	0.05	-0.14	3.78	-2744.41
		-5036.78	3.78	0.02	0.0	63.5	-691.03	-17.87	0.05	-0.14	6.88	732.44
						127.0	-805.32	-164.02	0.05	-0.14	9.98	-5036.78
105	23	180.22	576.32	0.02	-75.08	0.0	-158.35	32.51	-32.11	5.87	576.32	-718.21
		-1345.80	-3647.47	0.48	0.0	63.5	-187.60	-4.90	-32.11	5.87	-1535.58	159.97
						127.0	-217.06	-42.57	-32.11	5.87	-3647.47	-1345.80
105	26	236.09	3660.94	0.02	-75.08	0.0	-160.63	33.64	32.18	-6.17	-571.74	-725.01
		-1209.35	-571.74	-0.46	0.0	63.5	-189.89	-3.77	32.18	-6.17	1544.60	224.79
						127.0	-219.35	-41.45	32.18	-6.17	3660.94	-1209.35
105	35	151.92	134.70	0.01	-75.08	0.0	-163.40	31.95	-7.63	0.85	134.70	-715.18
		-1414.39	-1303.58	0.13	0.0	63.5	-192.66	-5.46	-7.63	0.85	-584.44	127.19
						127.0	-222.12	-43.14	-7.63	0.85	-1303.58	-1414.39
105	36	257.10	222.16	0.03	-75.08	0.0	-154.05	34.06	-11.98	2.63	222.16	-727.07
		-1158.68	-833.14	0.18	0.0	63.5	-183.30	-3.35	-11.98	2.63	-305.49	249.09
						127.0	-212.76	-41.03	-11.98	2.63	-833.14	-1158.68
105	37	159.21	846.60	0.01	-75.08	0.0	-164.93	32.10	12.05	-2.93	-217.59	-716.15
		-1396.47	-217.59	-0.16	0.0	63.5	-194.19	-5.31	12.05	-2.93	314.51	135.67
						127.0	-223.65	-42.99	12.05	-2.93	846.60	-1396.47
105	38	264.39	1317.05	0.03	-75.08	0.0	-155.58	34.20	7.70	-1.14	-130.13	-728.04
		-1140.76	-130.13	-0.10	0.0	63.5	-184.83	-3.21	7.70	-1.14	593.46	257.57
						127.0	-214.29	-40.88	7.70	-1.14	1317.05	-1140.76
105	55	170.28	780.67	0.02	-75.08	0.0	-157.94	32.31	-43.55	8.02	780.67	-717.00
		-1370.09	-4948.37	0.65	0.0	63.5	-187.19	-5.10	-43.55	8.02	-2083.85	148.43
						127.0	-216.65	-42.77	-43.55	8.02	-4948.37	-1370.09
105	58	246.03	4961.83	0.02	-75.08	0.0	-161.04	33.84	43.62	-8.31	-776.10	-726.22
		-1185.06	-776.10	-0.63	0.0	63.5	-190.30	-3.57	43.62	-8.31	2092.87	236.33
						127.0	-219.76	-41.25	43.62	-8.31	4961.83	-1185.06
105	67	131.90	181.84	0.01	-75.08	0.0	-164.80	31.55	-10.35	1.20	181.84	-712.88
		-1463.09	-1770.05	0.17	0.0	63.5	-194.05	-5.86	-10.35	1.20	-794.10	103.98
						127.0	-223.51	-43.54	-10.35	1.20	-1770.05	-1463.09
105	68	274.52	300.43	0.04	-75.08	0.0	-152.11	34.40	-16.26	3.62	300.43	-729.02
		-1116.36	-1132.13	0.25	0.0	63.5	-181.36	-3.01	-16.26	3.62	-415.85	269.28
						127.0	-210.83	-40.68	-16.26	3.62	-1132.13	-1116.36
105	69	141.79	1145.59	7.49e-03	-75.08	0.0	-166.87	31.75	16.33	-3.92	-295.86	-714.20
		-1438.79	-295.86	-0.22	0.0	63.5	-196.12	-5.66	16.33	-3.92	424.87	115.48

105	70	284.41	1783.52	0.03	-75.08	127.0	-225.59	-43.34	16.33	-3.92	1145.59	-1438.79
		-1092.06	-177.27	-0.14	0.0	0.0	-154.18	34.60	10.42	-1.49	-177.27	-730.33
						63.5	-183.44	-2.80	10.42	-1.49	803.12	280.78
105	79	166.29	6.47	0.02	-59.82	127.0	-212.90	-40.48	10.42	-1.49	1783.52	-1092.06
		-1011.39	2.09	0.01	0.0	0.0	-130.51	26.44	0.03	-0.16	2.09	-579.21
						63.5	-153.82	-3.37	0.03	-0.16	4.28	154.39
105	82	444.48	7.52	0.02	-161.19	127.0	-177.29	-33.38	0.03	-0.16	6.47	-1011.39
		-2779.08	2.84	0.02	0.0	0.0	-323.88	70.52	0.04	-0.11	2.84	-1524.97
						63.5	-386.67	-9.78	0.04	-0.11	5.18	406.86
105	85	541.26	7.45	0.01	-196.42	127.0	-449.93	-90.67	0.04	-0.11	7.52	-2779.08
		-3393.30	2.74	0.01	0.0	0.0	-391.67	85.84	0.04	-0.12	2.74	-1853.67
						63.5	-468.18	-12.00	0.04	-0.12	5.09	494.71
105	86	166.29	6.47	0.02	-59.82	127.0	-545.27	-110.58	0.04	-0.12	7.45	-3393.30
		-1011.39	2.09	0.01	0.0	0.0	-130.51	26.44	0.03	-0.16	2.09	-579.21
						63.5	-153.82	-3.37	0.03	-0.16	4.28	154.39
105	87	236.07	6.91	0.02	-85.26	127.0	-177.29	-33.38	0.03	-0.16	6.47	-1011.39
		-1455.03	2.41	0.01	0.0	0.0	-178.81	37.50	0.04	-0.14	2.41	-816.54
						63.5	-212.03	-4.98	0.04	-0.14	4.66	217.71
105	90	263.61	6.81	0.02	-95.28	127.0	-245.48	-47.76	0.04	-0.14	6.91	-1455.03
		-1629.74	2.32	0.01	0.0	0.0	-198.20	41.86	0.04	-0.15	2.32	-910.05
						63.5	-235.32	-5.61	0.04	-0.15	4.57	242.71
105	91	166.29	6.47	0.02	-59.82	127.0	-272.71	-53.42	0.04	-0.15	6.81	-1629.74
		-1011.39	2.09	0.01	0.0	0.0	-130.51	26.44	0.03	-0.16	2.09	-579.21
						63.5	-153.82	-3.37	0.03	-0.16	4.28	154.39
105	92	208.16	6.73	0.02	-75.08	127.0	-177.29	-33.38	0.03	-0.16	6.47	-1011.39
		-1277.58	2.29	0.01	0.0	0.0	-159.49	33.08	0.04	-0.15	2.29	-721.61
						63.5	-188.74	-4.33	0.04	-0.15	4.51	192.38
106	5	1425.96	0.0	0.05	-83.06	127.0	-218.21	-42.01	0.04	-0.15	6.73	-1277.58
		-2024.42	-2.19	0.01	0.0	0.0	-257.26	31.97	-9.74e-03	-9.54	0.0	0.0
						112.6	-225.45	-8.70	-9.74e-03	-9.54	-1.10	1326.61
106	9	6500.49	0.0	0.06	-381.58	225.3	-192.31	-51.09	-9.74e-03	-9.54	-2.19	-2024.42
		-9425.15	-2.84	0.01	0.0	0.0	-1126.93	146.04	-0.01	-13.69	0.0	0.0
						112.6	-981.15	-40.39	-0.01	-13.69	-1.42	6032.25
106	11	7950.91	0.0	0.06	-466.97	225.3	-828.55	-235.53	-0.01	-13.69	-2.84	-9425.15
		-1.155e+04	-2.71	0.01	0.0	0.0	-1373.45	178.66	-0.01	-15.21	0.0	0.0
						112.6	-1195.06	-49.46	-0.01	-15.21	-1.35	7376.85
106	15	2084.42	0.0	0.04	-121.12	225.3	-1008.28	-288.32	-0.01	-15.21	-2.71	-1.155e+04
		-2937.45	-3389.37	0.47	0.0	0.0	-363.38	46.65	-15.05	-215.75	0.0	0.0
						112.6	-317.05	-12.60	-15.05	-215.75	-1694.68	1941.90
106	18	2060.40	3385.11	0.05	-121.12	225.3	-268.67	-74.47	-15.05	-215.75	-3389.37	-2937.45
		-3001.49	0.0	-0.45	0.0	0.0	-370.81	46.36	15.03	195.43	0.0	0.0
						112.6	-324.47	-12.89	15.03	195.43	1692.55	1909.88
106	31	2164.56	0.0	0.02	-121.12	225.3	-276.09	-74.76	15.03	195.43	3385.11	-3001.49
		-2723.75	-1203.46	0.14	0.0	0.0	-360.07	47.60	-5.34	-52.82	0.0	0.0
						112.6	-313.74	-11.66	-5.34	-52.82	-601.73	2048.75
106	34	1980.26	1199.20	0.07	-121.12	225.3	-265.36	-73.52	-5.34	-52.82	-1203.46	-2723.75
		-3215.20	0.0	-0.12	0.0	0.0	-374.12	45.42	5.32	32.51	0.0	0.0
						112.6	-327.79	-13.84	5.32	32.51	599.60	1803.03
106	36	1968.41	0.0	0.08	-121.12	225.3	-279.41	-75.70	5.32	32.51	1199.20	-3215.20
		-3246.81	-274.31	0.09	0.0	0.0	-373.14	45.28	-1.22	-122.91	0.0	0.0
						112.6	-326.81	-13.98	-1.22	-122.91	-137.16	1787.22
106	37	2176.41	270.05	0.02	-121.12	225.3	-278.43	-75.84	-1.22	-122.91	-274.31	-3246.81
		-2692.13	0.0	-0.07	0.0	0.0	-361.05	47.74	1.20	102.60	0.0	0.0
						112.6	-314.71	-11.51	1.20	102.60	135.03	2064.56
106	47	2088.69	0.0	0.04	-121.12	225.3	-266.34	-73.38	1.20	102.60	270.05	-2692.13
		-2926.05	-4595.22	0.63	0.0	0.0	-362.06	46.70	-20.40	-288.94	0.0	0.0
						112.6	-315.73	-12.55	-20.40	-288.94	-2297.61	1947.60
106	50	2056.13	4590.96	0.06	-121.12	225.3	-267.35	-74.42	-20.40	-288.94	-4595.22	-2926.05
		-3012.89	0.0	-0.61	0.0	0.0	-372.13	46.31	20.38	268.63	0.0	0.0
						112.6	-325.79	-12.94	20.38	268.63	2295.48	1904.18
106	63	2197.93	0.0	-0.01	-121.12	225.3	-277.41	-74.81	20.38	268.63	4590.96	-3012.89
		-2636.27	-1631.13	0.18	0.0	0.0	-357.57	47.99	-7.24	-68.01	0.0	0.0
						112.6	-311.23	-11.27	-7.24	-68.01	-815.56	2092.49
106	66	1947.46	1626.87	0.08	-121.12	225.3	-262.86	-73.13	-7.24	-68.01	-1631.13	-2636.27
		-3302.67	0.0	-0.17	0.0	0.0	-376.62	45.03	7.22	47.69	0.0	0.0
						112.6	-330.29	-14.23	7.22	47.69	813.43	1759.29
106	68	1931.38	0.0	0.09	-121.12	225.3	-281.91	-76.09	7.22	47.69	1626.87	-3302.67
		-3345.55	-371.21	0.12	0.0	0.0	-375.29	44.84	-1.65	-163.05	0.0	0.0
						112.6	-328.96	-14.42	-1.65	-163.05	-185.60	1737.85
106	69	2216.69	366.95	-0.02	-121.12	225.3	-280.58	-76.28	-1.65	-163.05	-371.21	-3345.55
		-2593.40	0.0	-0.10	0.0	0.0	-358.90	48.18	1.63	142.74	0.0	0.0
						112.6	-312.56	-11.08	1.63	142.74	183.47	2113.93
106	79	1658.01	0.0	0.05	-96.72	225.3	-264.18	-72.94	1.63	142.74	366.95	-2593.40
		-2363.70	-2.17	0.01	0.0	0.0	-296.66	37.19	-9.63e-03	-9.72	0.0	0.0
						112.6	-259.64	-10.15	-9.63e-03	-9.72	-1.08	1541.72
106	83	4400.03	0.0	0.05	-258.17	225.3	-221.03	-59.53	-9.63e-03	-9.72	-2.17	-2363.70
						0.0	-764.57	98.84	-9.77e-03	-10.31	0.0	0.0

		-6372.41	-2.20	0.01	0.0	112.6	-665.92	-27.31	-9.77e-03	-10.31	-1.10	4083.65
						225.3	-562.69	-159.33	-9.77e-03	-10.31	-2.20	-6372.41
106	85	5366.97	0.0	0.05	-315.10	0.0	-928.91	120.58	-9.37e-03	-11.32	0.0	0.0
		-7785.87	-2.11	9.89e-03	0.0	112.6	-808.53	-33.36	-9.37e-03	-11.32	-1.06	4980.05
						225.3	-682.51	-194.52	-9.37e-03	-11.32	-2.11	-7785.87
106	86	1658.01	0.0	0.05	-96.72	0.0	-296.66	37.19	-9.63e-03	-9.72	0.0	0.0
		-2363.70	-2.17	0.01	0.0	112.6	-259.64	-10.15	-9.63e-03	-9.72	-1.08	1541.72
						225.3	-221.03	-59.53	-9.63e-03	-9.72	-2.17	-2363.70
106	88	2206.41	0.0	0.05	-129.01	0.0	-390.24	49.52	-9.66e-03	-9.84	0.0	0.0
		-3165.44	-2.18	0.01	0.0	112.6	-340.90	-13.58	-9.66e-03	-9.84	-1.09	2050.11
						225.3	-289.36	-79.49	-9.66e-03	-9.84	-2.18	-3165.44
106	90	2620.81	0.0	0.05	-153.41	0.0	-460.68	58.84	-9.48e-03	-10.27	0.0	0.0
		-3771.21	-2.14	0.01	0.0	112.6	-402.02	-16.18	-9.48e-03	-10.27	-1.07	2434.28
						225.3	-340.71	-94.57	-9.48e-03	-10.27	-2.14	-3771.21
106	91	1658.01	0.0	0.05	-96.72	0.0	-296.66	37.19	-9.63e-03	-9.72	0.0	0.0
		-2363.70	-2.17	0.01	0.0	112.6	-259.64	-10.15	-9.63e-03	-9.72	-1.08	1541.72
						225.3	-221.03	-59.53	-9.63e-03	-9.72	-2.17	-2363.70
106	92	2072.41	0.0	0.05	-121.12	0.0	-367.10	46.51	-9.46e-03	-10.16	0.0	0.0
		-2969.47	-2.13	0.01	0.0	112.6	-320.76	-12.75	-9.46e-03	-10.16	-1.07	1925.89
						225.3	-272.38	-74.61	-9.46e-03	-10.16	-2.13	-2969.47
107	1	1186.55	12.94	0.16	-44.55	0.0	59.20	24.86	0.05	-11.86	-13.84	-2664.48
		-2664.48	-13.84	0.07	0.0	277.5	59.20	2.59	0.05	-11.86	-0.45	1144.95
						555.0	59.20	-19.68	0.05	-11.86	12.94	-1226.29
107	5	915.49	9.70	0.12	-34.27	0.0	33.84	19.11	0.04	-8.92	-10.29	-2040.98
		-2040.98	-10.29	0.05	0.0	277.5	33.84	1.97	0.04	-8.92	-0.30	884.14
						555.0	33.84	-15.16	0.04	-8.92	9.70	-945.10
107	11	1158.87	15.50	0.19	-44.55	0.0	216.83	25.25	0.06	-13.59	-17.58	-2812.96
		-2812.96	-17.58	0.08	0.0	277.5	216.83	2.98	0.06	-13.59	-1.04	1103.85
						555.0	216.83	-19.29	0.06	-13.59	15.50	-1160.01
107	24	885.30	12.01	0.17	-34.27	0.0	55.24	18.21	0.04	-9.90	-12.77	-1790.04
		-1790.04	-12.77	0.07	0.0	277.5	55.24	1.07	0.04	-9.90	-0.38	885.19
						555.0	55.24	-16.06	0.04	-9.90	12.01	-1193.95
107	25	936.51	8.33	0.09	-34.27	0.0	49.46	20.06	0.03	-8.75	-9.06	-2317.58
		-2317.58	-9.06	0.04	0.0	277.5	49.46	2.93	0.03	-8.75	-0.36	872.09
						555.0	49.46	-14.21	0.03	-8.75	8.33	-692.60
107	29	940.12	8.50	0.09	-34.27	0.0	49.53	20.04	0.03	-8.88	-9.65	-2306.65
		-2306.65	-9.65	0.05	0.0	277.5	49.53	2.90	0.03	-8.88	-0.57	876.52
						555.0	49.53	-14.23	0.03	-8.88	8.50	-694.68
107	56	887.52	12.67	0.18	-34.27	0.0	56.27	17.88	0.05	-10.10	-13.43	-1696.14
		-1696.14	-13.43	0.07	0.0	277.5	56.27	0.75	0.05	-10.10	-0.38	887.52
						555.0	56.27	-16.39	0.05	-10.10	12.67	-1283.19
107	57	947.20	7.68	0.08	-34.27	0.0	48.44	20.39	0.03	-8.54	-8.40	-2411.48
		-2411.48	-8.40	0.04	0.0	277.5	48.44	3.26	0.03	-8.54	-0.36	869.76
						555.0	48.44	-13.88	0.03	-8.54	7.68	-603.37
107	61	951.00	7.91	0.08	-34.27	0.0	48.52	20.36	0.03	-8.72	-9.20	-2396.66
		-2396.66	-9.20	0.04	0.0	277.5	48.52	3.22	0.03	-8.72	-0.65	875.76
						555.0	48.52	-13.91	0.03	-8.72	7.91	-606.18
107	79	913.93	9.84	0.12	-34.27	0.0	40.45	19.12	0.04	-9.04	-10.49	-2045.85
		-2045.85	-10.49	0.05	0.0	277.5	40.45	1.99	0.04	-9.04	-0.32	882.22
						555.0	40.45	-15.15	0.04	-9.04	9.84	-944.08
107	85	895.48	11.55	0.14	-34.27	0.0	145.54	19.38	0.04	-10.19	-12.99	-2144.84
		-2144.84	-12.99	0.06	0.0	277.5	145.54	2.24	0.04	-10.19	-0.72	854.82
						555.0	145.54	-14.89	0.04	-10.19	11.55	-899.90
107	86	913.93	9.84	0.12	-34.27	0.0	40.45	19.12	0.04	-9.04	-10.49	-2045.85
		-2045.85	-10.49	0.05	0.0	277.5	40.45	1.99	0.04	-9.04	-0.32	882.22
						555.0	40.45	-15.15	0.04	-9.04	9.84	-944.08
107	87	908.89	10.39	0.13	-34.27	0.0	60.28	19.14	0.04	-9.51	-11.20	-2059.11
		-2059.11	-11.20	0.06	0.0	277.5	60.28	2.01	0.04	-9.51	-0.40	876.26
						555.0	60.28	-15.12	0.04	-9.51	10.39	-942.74
107	90	908.63	10.36	0.13	-34.27	0.0	67.82	19.18	0.04	-9.42	-11.22	-2069.89
		-2069.89	-11.22	0.06	0.0	277.5	67.82	2.05	0.04	-9.42	-0.43	874.83
						555.0	67.82	-15.09	0.04	-9.42	10.36	-934.82
107	91	913.93	9.84	0.12	-34.27	0.0	40.45	19.12	0.04	-9.04	-10.49	-2045.85
		-2045.85	-10.49	0.05	0.0	277.5	40.45	1.99	0.04	-9.04	-0.32	882.22
						555.0	40.45	-15.15	0.04	-9.04	9.84	-944.08
107	92	910.90	10.17	0.13	-34.27	0.0	52.35	19.13	0.04	-9.32	-10.92	-2053.81
		-2053.81	-10.92	0.06	0.0	277.5	52.35	2.00	0.04	-9.32	-0.37	878.64
						555.0	52.35	-15.13	0.04	-9.32	10.17	-943.28
108	5	-59.88	-76.32	0.01	-39.30	0.0	-285.24	13.15	-0.71	-4.63	-76.32	-405.93
		-1008.14	-166.10	0.04	0.0	63.5	-298.55	-3.86	-0.71	-4.63	-121.21	-83.07
						127.0	-315.98	-26.15	-0.71	-4.63	-166.10	-1008.14
108	11	-484.29	-424.29	0.04	-216.04	0.0	-343.47	60.41	-3.83	-25.44	-424.29	-1875.73
		-6520.38	-910.24	0.17	0.0	63.5	-414.99	-31.05	-3.83	-25.44	-667.27	-768.37
						127.0	-512.41	-155.63	-3.83	-25.44	-910.24	-6520.38
108	12	-341.77	-293.91	0.03	-150.58	0.0	-240.32	42.25	-2.66	-17.66	-293.91	-1317.41
		-4539.64	-631.24	0.11	0.0	63.5	-290.20	-21.54	-2.66	-17.66	-462.57	-538.13
						127.0	-358.07	-108.32	-2.66	-17.66	-631.24	-4539.64

108	19	-99.70	314.55	0.01	-56.79	0.0	-437.83	17.86	-6.57	12.13	314.55	-552.39
		-1545.89	-499.61	0.07	0.0	63.5	-456.88	-6.51	-6.57	12.13	-92.53	-147.55
						127.0	-482.24	-38.94	-6.57	12.13	-499.61	-1545.89
108	22	-101.31	18.11	0.02	-56.79	0.0	-144.26	17.71	4.53	-25.55	-537.23	-544.14
		-1563.93	-537.23	0.04	0.0	63.5	-163.32	-6.66	4.53	-25.55	-259.56	-152.45
						127.0	-188.67	-39.08	4.53	-25.55	18.11	-1563.93
108	24	-77.67	269.22	0.02	-56.79	0.0	-425.80	18.81	-5.98	9.75	269.22	-574.93
		-1449.57	-509.34	0.08	0.0	63.5	-444.85	-5.56	-5.98	9.75	-120.06	-110.66
						127.0	-470.21	-37.98	-5.98	9.75	-509.34	-1449.57
108	27	-79.23	291.30	0.01	-56.79	0.0	-467.07	18.03	-6.31	10.61	291.30	-539.27
		-1513.18	-488.72	0.08	0.0	63.5	-486.13	-6.34	-6.31	10.61	-98.71	-124.63
						127.0	-511.48	-38.76	-6.31	10.61	-488.72	-1513.18
108	30	-121.78	7.23	0.02	-56.79	0.0	-115.02	17.54	4.27	-24.02	-513.98	-557.27
		-1596.64	-513.98	0.03	0.0	63.5	-134.07	-6.83	4.27	-24.02	-253.38	-175.36
						127.0	-159.43	-39.26	4.27	-24.02	7.23	-1596.64
108	45	-107.71	-126.23	4.50e-03	-56.79	0.0	-327.20	16.11	-0.08	-10.19	-187.99	-475.64
		-1695.17	-187.99	0.04	0.0	63.5	-346.26	-8.25	-0.08	-10.19	-157.11	-183.82
						127.0	-371.61	-40.68	-0.08	-10.19	-126.23	-1695.17
108	51	-99.42	466.17	0.01	-56.79	0.0	-490.08	17.88	-8.55	18.84	466.17	-553.86
		-1542.68	-591.76	0.07	0.0	63.5	-509.14	-6.48	-8.55	18.84	-62.79	-146.68
						127.0	-534.50	-38.91	-8.55	18.84	-591.76	-1542.68
108	54	-101.60	110.26	0.02	-56.79	0.0	-92.01	17.68	6.51	-32.26	-688.85	-542.67
		-1567.14	-688.85	0.03	0.0	63.5	-111.06	-6.68	6.51	-32.26	-289.29	-153.32
						127.0	-136.42	-39.11	6.51	-32.26	110.26	-1567.14
108	56	-69.51	404.69	0.02	-56.79	0.0	-473.77	19.18	-7.75	15.60	404.69	-584.43
		-1412.07	-604.96	0.09	0.0	63.5	-492.83	-5.19	-7.75	15.60	-100.13	-96.66
						127.0	-518.18	-37.62	-7.75	15.60	-604.96	-1412.07
108	59	-71.66	434.65	0.01	-56.79	0.0	-529.74	18.12	-8.19	16.77	434.65	-536.06
		-1498.32	-577.00	0.09	0.0	63.5	-548.79	-6.25	-8.19	16.77	-71.18	-115.60
						127.0	-574.15	-38.68	-8.19	16.77	-577.00	-1498.32
108	62	-129.35	95.51	0.02	-56.79	0.0	-52.35	17.45	6.16	-30.19	-657.32	-560.47
		-1611.50	-657.32	0.02	0.0	63.5	-71.41	-6.92	6.16	-30.19	-280.91	-184.39
						127.0	-96.76	-39.34	6.16	-30.19	95.51	-1611.50
108	77	-107.26	-85.46	7.86e-04	-56.79	0.0	-340.07	15.52	0.26	-11.43	-215.27	-449.79
		-1745.11	-215.27	0.04	0.0	63.5	-359.13	-8.85	0.26	-11.43	-150.37	-195.86
						127.0	-384.49	-41.27	0.26	-11.43	-85.46	-1745.11

109	40	2857.85	0.0	0.03	-144.33	225.3	51.26	-80.56	-1.83	-40.75	-412.52	-2185.14
		-2633.06	-319.34	0.06	0.0	0.0	-366.75	61.78	-1.42	-37.08	0.0	0.0
						112.6	-308.79	-12.34	-1.42	-37.08	-159.67	2747.74
109	41	3028.79	0.0	-0.04	-144.33	225.3	-253.89	-82.54	-1.42	-37.08	-319.34	-2633.06
		-2242.34	-219.25	0.04	0.0	0.0	-45.67	63.52	-0.97	-45.92	0.0	0.0
						112.6	12.29	-10.61	-0.97	-45.92	-109.63	2943.10
109	42	2832.83	0.0	0.03	-144.33	225.3	67.19	-80.81	-0.97	-45.92	-219.25	-2242.34
		-2690.26	-126.08	0.04	0.0	0.0	-350.82	61.53	-0.56	-42.25	0.0	0.0
						112.6	-292.86	-12.60	-0.56	-42.25	-63.04	2719.14
109	51	3039.74	0.0	-0.03	-144.33	225.3	-237.96	-82.80	-0.56	-42.25	-126.08	-2690.26
		-2217.33	-725.03	0.11	0.0	0.0	-180.15	63.63	-3.22	-30.56	0.0	0.0
						112.6	-122.19	-10.50	-3.22	-30.56	-362.51	2955.60
109	54	2846.91	186.43	-0.02	-144.33	225.3	-67.29	-80.70	-3.22	-30.56	-725.03	-2217.33
		-2658.08	0.0	6.07e-03	0.0	0.0	-232.27	61.67	0.83	-52.43	0.0	0.0
						112.6	-174.31	-12.45	0.83	-52.43	93.22	2735.23
109	71	3093.15	0.0	-0.05	-144.33	225.3	-119.41	-82.66	0.83	-52.43	186.43	-2658.08
		-2095.23	-463.50	0.07	0.0	0.0	-10.13	64.17	-2.06	-40.48	0.0	0.0
						112.6	47.84	-9.95	-2.06	-40.48	-231.75	3016.65
109	72	2827.43	0.0	0.04	-144.33	225.3	102.74	-80.16	-2.06	-40.48	-463.50	-2095.23
		-2702.61	-337.16	0.07	0.0	0.0	-423.91	61.48	-1.50	-35.50	0.0	0.0
						112.6	-365.94	-12.65	-1.50	-35.50	-168.58	2712.96
109	73	3059.22	0.0	-0.05	-144.33	225.3	-311.04	-82.85	-1.50	-35.50	-337.16	-2702.61
		-2172.79	-201.43	0.04	0.0	0.0	11.48	63.83	-0.89	-47.49	0.0	0.0
						112.6	69.44	-10.30	-0.89	-47.49	-100.72	2977.87
109	74	2793.49	0.0	0.04	-144.33	225.3	124.34	-80.50	-0.89	-47.49	-201.43	-2172.79
		-2780.17	-75.09	0.04	0.0	0.0	-402.30	61.13	-0.33	-42.51	0.0	0.0
						112.6	-344.34	-12.99	-0.33	-42.51	-37.55	2674.18
109	79	2345.48	0.0	-0.02	-114.79	225.3	-289.44	-83.20	-0.33	-42.51	-75.09	-2780.17
		-1928.02	-216.80	0.05	0.0	0.0	-165.30	49.85	-0.96	-33.80	0.0	0.0
						112.6	-119.22	-9.07	-0.96	-33.80	-108.40	2268.43
109	85	7687.39	0.0	-0.08	-379.18	225.3	-75.53	-64.93	-0.96	-33.80	-216.80	-1928.02
		-6510.56	-680.60	0.12	0.0	0.0	-494.27	164.30	-3.02	-100.53	0.0	0.0
						112.6	-341.78	-30.70	-3.02	-100.53	-340.30	7422.32
109	86	2345.48	0.0	-0.02	-114.79	225.3	-197.76	-214.88	-3.02	-100.53	-680.60	-6510.56
		-1928.02	-216.80	0.05	0.0	0.0	-165.30	49.85	-0.96	-33.80	0.0	0.0
						112.6	-119.22	-9.07	-0.96	-33.80	-108.40	2268.43
109	90	3732.71	0.0	-0.04	-183.42	225.3	-75.53	-64.93	-0.96	-33.80	-216.80	-1928.02
		-3116.36	-337.56	0.07	0.0	0.0	-252.91	79.57	-1.50	-51.25	0.0	0.0
						112.6	-179.21	-14.68	-1.50	-51.25	-168.78	3606.93
109	91	2345.48	0.0	-0.02	-114.79	225.3	-109.48	-103.85	-1.50	-51.25	-337.56	-3116.36
		-1928.02	-216.80	0.05	0.0	0.0	-165.30	49.85	-0.96	-33.80	0.0	0.0
						112.6	-119.22	-9.07	-0.96	-33.80	-108.40	2268.43
109	92	2943.32	0.0	-0.03	-144.33	225.3	-75.53	-64.93	-0.96	-33.80	-216.80	-1928.02
		-2437.70	-269.30	0.05	0.0	0.0	-206.21	62.65	-1.20	-41.50	0.0	0.0
						112.6	-148.25	-11.47	-1.20	-41.50	-134.65	2845.42
110	3	1200.92	5.17	0.07	-44.55	225.3	-93.35	-81.68	-1.20	-41.50	-269.30	-2437.70
		-3114.74	-6.35	0.08	0.0	0.0	72.91	26.35	0.02	-3.74	-6.35	-3114.74
						277.5	72.91	4.08	0.02	-3.74	-0.59	1107.70
110	4	1204.26	5.01	0.07	-44.55	555.0	72.91	-18.19	0.02	-3.74	5.17	-850.55
		-3138.90	-6.40	0.08	0.0	0.0	87.66	26.44	0.02	-3.84	-6.40	-3138.90
						277.5	87.66	4.17	0.02	-3.84	-0.69	1107.98
110	5	923.44	3.16	0.05	-34.27	555.0	87.66	-18.11	0.02	-3.84	5.01	-825.82
		-2318.73	-3.66	0.05	0.0	0.0	33.61	20.02	0.01	-2.51	-3.66	-2318.73
						277.5	33.61	2.89	0.01	-2.51	-0.25	860.35
110	11	1207.42	4.58	0.07	-44.55	555.0	33.61	-14.24	0.01	-2.51	3.16	-714.94
		-3137.85	-6.05	0.08	0.0	0.0	95.34	26.45	0.02	-3.82	-6.05	-3137.85
						277.5	95.34	4.17	0.02	-3.82	-0.73	1110.91
110	16	921.37	5.03	0.08	-34.27	555.0	95.34	-18.10	0.02	-3.82	4.58	-821.01
		-2275.90	-5.95	0.05	0.0	0.0	60.67	19.89	0.02	-2.97	-5.95	-2275.90
						277.5	60.67	2.75	0.02	-2.97	-0.46	863.26
110	17	925.64	1.80	0.02	-34.27	555.0	60.67	-14.38	0.02	-2.97	5.03	-751.94
		-2409.40	-2.13	0.06	0.0	0.0	20.89	20.31	7.09e-03	-2.28	-2.13	-2409.40
						277.5	20.89	3.18	7.09e-03	-2.28	-0.16	852.23
110	29	958.40	1.39	-0.02	-34.27	555.0	20.89	-13.95	7.09e-03	-2.28	1.80	-640.51
		-2495.84	-1.76	0.05	0.0	0.0	21.36	20.66	5.68e-03	-2.13	-1.76	-2495.84
						277.5	21.36	3.53	5.68e-03	-2.13	-0.19	861.85
110	36	916.67	7.21	0.11	-34.27	555.0	21.36	-13.60	5.68e-03	-2.13	1.39	-534.83
		-2206.15	-8.35	0.06	0.0	0.0	48.78	19.64	0.03	-2.04	-8.35	-2206.15
						277.5	48.78	2.51	0.03	-2.04	-0.57	866.84
110	48	920.60	5.60	0.08	-34.27	555.0	48.78	-14.62	0.03	-2.04	7.21	-814.54
		-2252.14	-6.63	0.05	0.0	0.0	67.76	19.81	0.02	-3.09	-6.63	-2252.14
						277.5	67.76	2.68	0.02	-3.09	-0.52	865.23
110	49	928.25	1.23	-0.03	-34.27	555.0	67.76	-14.46	0.02	-3.09	5.60	-771.78
		-2433.17	-1.45	0.07	0.0	0.0	13.81	20.39	4.83e-03	-2.16	-1.45	-2433.17
						277.5	13.81	3.26	4.83e-03	-2.16	-0.11	850.26
110	61	973.86	0.66	-0.03	-34.27	555.0	13.81	-13.88	4.83e-03	-2.16	1.23	-620.68
						0.0	14.44	20.87	2.92e-03	-1.95	-0.95	-2550.37

		-2550.37	-0.95	0.05	0.0	277.5	14.44	3.73	2.92e-03	-1.95	-0.14	863.31
						555.0	14.44	-13.40	2.92e-03	-1.95	0.66	-477.38
110	68	914.24	8.57	0.13	-34.27	0.0	51.63	19.48	0.03	-1.83	-9.88	-2157.56
		-2157.56	-9.88	0.06	0.0	277.5	51.63	2.35	0.03	-1.83	-0.66	870.08
						555.0	51.63	-14.78	0.03	-1.83	8.57	-856.65
110	79	923.39	3.23	0.05	-34.27	0.0	36.07	20.05	0.01	-2.55	-3.77	-2325.85
		-2325.85	-3.77	0.06	0.0	277.5	36.07	2.91	0.01	-2.55	-0.27	859.51
						555.0	36.07	-14.22	0.01	-2.55	3.23	-709.50
110	81	923.77	3.83	0.05	-34.27	0.0	51.77	20.23	0.02	-2.81	-4.66	-2381.86
		-2381.86	-4.66	0.06	0.0	277.5	51.77	3.09	0.02	-2.81	-0.41	853.62
						555.0	51.77	-14.04	0.02	-2.81	3.83	-665.26
110	82	925.99	3.73	0.05	-34.27	0.0	61.61	20.28	0.02	-2.88	-4.69	-2397.97
		-2397.97	-4.69	0.06	0.0	277.5	61.61	3.15	0.02	-2.88	-0.48	853.81
						555.0	61.61	-13.98	0.02	-2.88	3.73	-648.77
110	85	928.10	3.44	0.05	-34.27	0.0	66.73	20.29	0.01	-2.86	-4.46	-2397.27
		-2397.27	-4.46	0.06	0.0	277.5	66.73	3.16	0.01	-2.86	-0.51	855.77
						555.0	66.73	-13.98	0.01	-2.86	3.44	-645.56
110	86	923.39	3.23	0.05	-34.27	0.0	36.07	20.05	0.01	-2.55	-3.77	-2325.85
		-2325.85	-3.77	0.06	0.0	277.5	36.07	2.91	0.01	-2.55	-0.27	859.51
						555.0	36.07	-14.22	0.01	-2.55	3.23	-709.50
110	87	923.58	3.53	0.05	-34.27	0.0	43.92	20.14	0.01	-2.68	-4.22	-2353.85
		-2353.85	-4.22	0.06	0.0	277.5	43.92	3.00	0.01	-2.68	-0.34	856.57
						555.0	43.92	-14.13	0.01	-2.68	3.53	-687.38
110	90	924.39	3.37	0.05	-34.27	0.0	44.71	20.12	0.01	-2.65	-4.05	-2349.10
		-2349.10	-4.05	0.06	0.0	277.5	44.71	2.99	0.01	-2.65	-0.34	857.82
						555.0	44.71	-14.14	0.01	-2.65	3.37	-689.63
110	91	923.39	3.23	0.05	-34.27	0.0	36.07	20.05	0.01	-2.55	-3.77	-2325.85
		-2325.85	-3.77	0.06	0.0	277.5	36.07	2.91	0.01	-2.55	-0.27	859.51
						555.0	36.07	-14.22	0.01	-2.55	3.23	-709.50
110	92	923.50	3.41	0.05	-34.27	0.0	40.78	20.10	0.01	-2.63	-4.04	-2342.65
		-2342.65	-4.04	0.06	0.0	277.5	40.78	2.97	0.01	-2.63	-0.31	857.74
						555.0	40.78	-14.17	0.01	-2.63	3.41	-696.23
111	1	16.63	53.63	1.89e-04	-8.17	0.0	-140.06	1.64	0.53	3.38	0.0	0.0
		-249.42	0.0	0.04	0.0	50.9	-140.06	-2.45	0.53	3.38	26.81	-20.67
						101.8	-140.06	-6.54	0.53	3.38	53.63	-249.42
111	5	8.35	39.31	7.48e-04	-6.29	0.0	-45.21	1.03	0.39	4.01	0.0	0.0
		-215.58	0.0	0.03	0.0	50.9	-45.21	-2.12	0.39	4.01	19.65	-27.76
						101.8	-45.21	-5.26	0.39	4.01	39.31	-215.58
111	11	298.33	78.12	-0.01	-8.17	0.0	-1124.58	6.92	0.77	-16.70	0.0	0.0
		0.0	0.0	0.04	0.0	50.9	-1124.58	2.84	0.77	-16.70	39.06	248.50
						101.8	-1124.58	-1.25	0.77	-16.70	78.12	288.92
111	12	225.53	56.14	-0.01	-6.29	0.0	-800.86	5.28	0.55	-11.41	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-800.86	2.14	0.55	-11.41	28.07	188.81
						101.8	-800.86	-1.01	0.55	-11.41	56.14	217.55
111	14	322.76	63.80	-0.01	-6.29	0.0	-1029.73	6.31	0.63	-16.07	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-1029.73	3.17	0.63	-16.07	31.90	241.41
						101.8	-1029.73	0.03	0.63	-16.07	63.80	322.76
111	24	0.0	30.66	-4.30e-04	-6.29	0.0	-8.46	0.02	0.30	2.27	0.0	0.0
		-318.17	0.0	0.03	0.0	50.9	-8.46	-3.12	0.30	2.27	15.33	-79.06
						101.8	-8.46	-6.27	0.30	2.27	30.66	-318.17
111	25	67.38	54.53	-3.33e-04	-6.29	0.0	-283.42	2.89	0.54	1.49	0.0	0.0
		-26.06	0.0	0.02	0.0	50.9	-283.42	-0.26	0.54	1.49	27.27	67.00
						101.8	-283.42	-3.40	0.54	1.49	54.53	-26.06
111	36	0.0	63.60	-4.09e-04	-6.29	0.0	-41.41	-0.36	0.62	0.54	0.0	0.0
		-357.12	0.0	0.03	0.0	50.9	-41.41	-3.51	0.62	0.54	31.80	-98.53
						101.8	-41.41	-6.65	0.62	0.54	63.60	-357.12
111	37	86.48	21.59	-3.90e-04	-6.29	0.0	-250.47	3.27	0.21	3.22	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-250.47	0.13	0.21	3.22	10.80	86.48
						101.8	-250.47	-3.02	0.21	3.22	21.59	12.89
111	46	1.72	77.91	-5.39e-04	-6.29	0.0	-124.92	0.47	0.76	0.25	0.0	0.0
		-272.53	0.0	0.02	0.0	50.9	-124.92	-2.68	0.76	0.25	38.95	-56.23
						101.8	-124.92	-5.82	0.76	0.25	77.91	-272.53
111	56	0.0	26.41	-4.67e-04	-6.29	0.0	40.48	-0.49	0.26	2.40	0.0	0.0
		-370.17	0.0	0.03	0.0	50.9	40.48	-3.63	0.26	2.40	13.21	-105.05
						101.8	40.48	-6.78	0.26	2.40	26.41	-370.17
111	57	93.37	58.78	-3.69e-04	-6.29	0.0	-332.36	3.40	0.58	1.36	0.0	0.0
		0.0	0.0	0.02	0.0	50.9	-332.36	0.25	0.58	1.36	29.39	93.00
						101.8	-332.36	-2.89	0.58	1.36	58.78	25.94
111	68	0.0	71.08	-4.38e-04	-6.29	0.0	-4.20	-1.01	0.70	0.07	0.0	0.0
		-422.98	0.0	0.03	0.0	50.9	-4.20	-4.15	0.70	0.07	35.54	-131.46
						101.8	-4.20	-7.30	0.70	0.07	71.08	-422.98
111	69	124.25	14.11	-4.45e-04	-6.29	0.0	-287.68	3.92	0.14	3.70	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-287.68	0.77	0.14	3.70	7.06	119.41
						101.8	-287.68	-2.37	0.14	3.70	14.11	78.75
111	75	63.05	0.0	-2.19e-04	-6.29	0.0	-174.44	2.79	-0.05	4.09	0.0	0.0
		-35.96	-5.28	0.04	0.0	50.9	-174.44	-0.35	-0.05	4.09	-2.64	62.05
						101.8	-174.44	-3.50	-0.05	4.09	-5.28	-35.96

111	78	0.0	90.48	-6.15e-04	-6.29	0.0	-117.44	0.12	0.89	-0.33	0.0	0.0
		-308.27	0.0	0.02	0.0	50.9	-117.44	-3.03	0.89	-0.33	45.24	-74.11
						101.8	-117.44	-6.17	0.89	-0.33	90.48	-308.27
111	79	10.86	40.41	4.05e-04	-6.29	0.0	-80.55	1.16	0.40	3.21	0.0	0.0
		-202.17	0.0	0.03	0.0	50.9	-80.55	-1.99	0.40	3.21	20.20	-21.06
						101.8	-80.55	-5.13	0.40	3.21	40.41	-202.17
111	83	129.14	51.63	-7.41e-03	-6.29	0.0	-584.32	3.99	0.51	-7.07	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-584.32	0.85	0.51	-7.07	25.81	123.32
						101.8	-584.32	-2.29	0.51	-7.07	51.63	86.58
111	85	177.56	56.73	-9.12e-03	-6.29	0.0	-736.90	4.68	0.56	-10.17	0.0	0.0
		0.0	0.0	0.03	0.0	50.9	-736.90	1.54	0.56	-10.17	28.37	158.39
						101.8	-736.90	-1.60	0.56	-10.17	56.73	156.72
111	86	10.86	40.41	4.05e-04	-6.29	0.0	-80.55	1.16	0.40	3.21	0.0	0.0
		-202.17	0.0	0.03	0.0	50.9	-80.55	-1.99	0.40	3.21	20.20	-21.06
						101.8	-80.55	-5.13	0.40	3.21	40.41	-202.17
111	88	23.92	42.65	-1.16e-03	-6.29	0.0	-181.30	1.73	0.42	1.15	0.0	0.0
		-144.42	0.0	0.03	0.0	50.9	-181.30	-1.42	0.42	1.15	21.33	7.82
						101.8	-181.30	-4.56	0.42	1.15	42.65	-144.42
111	90	33.04	44.84	-1.89e-03	-6.29	0.0	-246.69	2.02	0.44	-0.18	0.0	0.0
		-114.36	0.0	0.03	0.0	50.9	-246.69	-1.12	0.44	-0.18	22.42	22.85
						101.8	-246.69	-4.27	0.44	-0.18	44.84	-114.36
111	91	10.86	40.41	4.05e-04	-6.29	0.0	-80.55	1.16	0.40	3.21	0.0	0.0
		-202.17	0.0	0.03	0.0	50.9	-80.55	-1.99	0.40	3.21	20.20	-21.06
						101.8	-80.55	-5.13	0.40	3.21	40.41	-202.17
111	92	16.99	42.60	-3.27e-04	-6.29	0.0	-145.94	1.45	0.42	1.88	0.0	0.0
		-172.12	0.0	0.03	0.0	50.9	-145.94	-1.69	0.42	1.88	21.30	-6.03
						101.8	-145.94	-4.83	0.42	1.88	42.60	-172.12
112	1	0.0	0.0	-3.89e-03	-8.03	0.0	-136.78	0.06	-0.26	12.34	0.0	0.0
		-394.91	-25.51	0.03	0.0	50.0	-136.78	-3.95	-0.26	12.34	-12.76	-97.13
						100.0	-136.78	-7.96	-0.26	12.34	-25.51	-394.91
112	5	0.0	0.0	-3.50e-03	-6.17	0.0	-43.22	-0.04	-0.18	8.66	0.0	0.0
		-313.11	-18.37	0.02	0.0	50.0	-43.22	-3.13	-0.18	8.66	-9.19	-79.38
						100.0	-43.22	-6.22	-0.18	8.66	-18.37	-313.11
112	7	2.20	0.0	-1.16e-03	-6.17	0.0	-367.46	0.54	-0.25	13.14	0.0	0.0
		-254.26	-24.63	0.03	0.0	50.0	-367.46	-2.54	-0.25	13.14	-12.31	-49.96
						100.0	-367.46	-5.63	-0.25	13.14	-24.63	-254.26
112	11	84.88	0.0	1.97e-03	-8.03	0.0	-1114.01	3.70	-0.42	22.70	0.0	0.0
		-31.71	-41.90	0.04	0.0	50.0	-1114.01	-0.32	-0.42	22.70	-20.95	84.47
						100.0	-1114.01	-4.33	-0.42	22.70	-41.90	-31.71
112	14	104.15	0.0	2.36e-03	-6.17	0.0	-1020.46	3.59	-0.35	19.03	0.0	0.0
		0.0	-34.76	0.03	0.0	50.0	-1020.46	0.50	-0.35	19.03	-17.38	102.22
						100.0	-1020.46	-2.59	-0.35	19.03	-34.76	50.09
112	24	0.0	0.0	-7.40e-03	-6.17	0.0	-39.99	-2.57	-0.15	10.15	0.0	0.0
		-566.15	-15.29	0.03	0.0	50.0	-39.99	-5.66	-0.15	10.15	-7.65	-205.90
						100.0	-39.99	-8.75	-0.15	10.15	-15.29	-566.15
112	25	64.60	0.0	1.90e-03	-6.17	0.0	-246.22	2.83	-0.25	9.90	0.0	0.0
		-25.98	-25.37	0.02	0.0	50.0	-246.22	-0.26	-0.25	9.90	-12.69	64.19
						100.0	-246.22	-3.35	-0.25	9.90	-25.37	-25.98
112	31	0.64	0.0	-1.51e-03	-6.17	0.0	-191.49	0.30	-0.45	8.62	0.0	0.0
		-279.16	-44.90	0.03	0.0	50.0	-191.49	-2.79	-0.45	8.62	-22.45	-62.40
						100.0	-191.49	-5.88	-0.45	8.62	-44.90	-279.16
112	34	0.0	4.24	-3.99e-03	-6.17	0.0	-94.73	-0.04	0.04	11.43	0.0	0.0
		-312.97	0.0	0.03	0.0	50.0	-94.73	-3.13	0.04	11.43	2.12	-79.31
						100.0	-94.73	-6.22	0.04	11.43	4.24	-312.97
112	56	0.0	0.0	-9.05e-03	-6.17	0.0	-3.29	-3.54	-0.13	10.20	0.0	0.0
		-662.30	-13.50	0.03	0.0	50.0	-3.29	-6.62	-0.13	10.20	-6.75	-253.98
						100.0	-3.29	-9.71	-0.13	10.20	-13.50	-662.30
112	57	116.21	0.0	3.56e-03	-6.17	0.0	-282.93	3.79	-0.27	9.86	0.0	0.0
		0.0	-27.17	0.02	0.0	50.0	-282.93	0.70	-0.27	9.86	-13.58	112.26
						100.0	-282.93	-2.39	-0.27	9.86	-27.17	70.17
112	63	1.02	0.0	-1.06e-03	-6.17	0.0	-208.71	0.36	-0.54	8.12	0.0	0.0
		-273.14	-53.65	0.03	0.0	50.0	-208.71	-2.73	-0.54	8.12	-26.82	-59.39
						100.0	-208.71	-5.82	-0.54	8.12	-53.65	-273.14
112	66	0.0	12.99	-4.43e-03	-6.17	0.0	-77.50	-0.10	0.13	11.93	0.0	0.0
		-318.99	0.0	0.03	0.0	50.0	-77.50	-3.19	0.13	11.93	6.49	-82.32
						100.0	-77.50	-6.28	0.13	11.93	12.99	-318.99
112	79	0.0	0.0	-3.22e-03	-6.17	0.0	-78.26	8.67e-03	-0.19	9.13	0.0	0.0
		-307.83	-19.08	0.02	0.0	50.0	-78.26	-3.08	-0.19	9.13	-9.54	-76.74
						100.0	-78.26	-6.17	-0.19	9.13	-19.08	-307.83
112	81	1.30	0.0	-1.65e-03	-6.17	0.0	-294.42	0.40	-0.23	12.12	0.0	0.0
		-268.61	-23.25	0.03	0.0	50.0	-294.42	-2.69	-0.23	12.12	-11.63	-57.13
						100.0	-294.42	-5.77	-0.23	12.12	-23.25	-268.61
112	85	47.71	0.0	6.94e-04	-6.17	0.0	-729.75	2.43	-0.30	16.04	0.0	0.0
		-65.70	-30.01	0.03	0.0	50.0	-729.75	-0.66	-0.30	16.04	-15.00	44.32
						100.0	-729.75	-3.74	-0.30	16.04	-30.01	-65.70
112	86	0.0	0.0	-3.22e-03	-6.17	0.0	-78.26	8.67e-03	-0.19	9.13	0.0	0.0
		-307.83	-19.08	0.02	0.0	50.0	-78.26	-3.08	-0.19	9.13	-9.54	-76.74

112	87	0.07	0.0	-2.43e-03	-6.17	100.0	-78.26	-6.17	-0.19	9.13	-19.08	-307.83
		-288.22	-21.17	0.03	0.0	0.0	-186.34	0.20	-0.21	10.62	0.0	0.0
						50.0	-186.34	-2.88	-0.21	10.62	-10.58	-66.93
112	90	2.27	0.0	-2.18e-03	-6.17	100.0	-186.34	-5.97	-0.21	10.62	-21.17	-288.22
		-253.13	-21.93	0.03	0.0	0.0	-243.14	0.56	-0.22	10.99	0.0	0.0
						50.0	-243.14	-2.53	-0.22	10.99	-10.97	-49.39
112	91	0.0	0.0	-3.22e-03	-6.17	100.0	-243.14	-5.62	-0.22	10.99	-21.93	-253.13
		-307.83	-19.08	0.02	0.0	0.0	-78.26	8.67e-03	-0.19	9.13	0.0	0.0
						50.0	-78.26	-3.08	-0.19	9.13	-9.54	-76.74
112	92	0.0	0.0	-2.75e-03	-6.17	100.0	-78.26	-6.17	-0.19	9.13	-19.08	-307.83
		-296.06	-20.33	0.03	0.0	0.0	-143.11	0.13	-0.20	10.03	0.0	0.0
						50.0	-143.11	-2.96	-0.20	10.03	-10.17	-70.86
113	1	206.23	2.14	-0.02	-28.42	100.0	-143.11	-6.05	-0.20	10.03	-20.33	-296.06
		-615.46	0.0	0.03	0.0	0.0	561.85	12.41	0.02	22.18	0.0	0.0
						60.0	572.49	-6.80	0.02	22.18	1.07	118.56
113	5	127.67	1.60	-0.01	-18.00	120.0	577.60	-16.01	0.02	22.18	2.14	-615.46
		-393.31	0.0	0.02	0.0	0.0	380.68	7.64	0.01	15.42	0.0	0.0
						60.0	387.26	-4.24	0.01	15.42	0.80	73.33
113	11	593.65	7.66	-0.06	-80.72	120.0	390.65	-10.36	0.01	15.42	1.60	-393.31
		-1803.03	0.0	0.04	0.0	0.0	1260.74	37.39	0.06	32.31	0.0	0.0
						60.0	1293.12	-21.05	0.06	32.31	3.83	309.36
113	15	161.58	0.0	-9.61e-03	-24.08	120.0	1305.47	-43.34	0.06	32.31	7.66	-1803.03
		-569.28	-3.39	0.02	0.0	0.0	575.59	10.23	-0.03	27.69	0.0	0.0
						60.0	584.70	-6.21	-0.03	27.69	-1.69	76.56
113	18	195.06	6.69	-0.02	-24.08	120.0	588.93	-13.85	-0.03	27.69	-3.39	-569.28
		-459.85	0.0	0.03	0.0	0.0	346.04	11.14	0.06	8.68	0.0	0.0
						60.0	355.15	-5.30	0.06	8.68	3.34	131.27
113	27	153.83	1.19	-8.04e-03	-24.08	120.0	359.38	-12.94	0.06	8.68	6.69	-459.85
		-600.26	0.0	0.03	0.0	0.0	613.45	9.97	9.91e-03	28.70	0.0	0.0
						60.0	622.56	-6.47	9.91e-03	28.70	0.59	61.07
113	30	204.74	2.11	-0.02	-24.08	120.0	626.79	-14.11	9.91e-03	28.70	1.19	-600.26
		-428.87	0.0	0.02	0.0	0.0	308.17	11.40	0.02	7.68	0.0	0.0
						60.0	317.28	-5.04	0.02	7.68	1.05	146.76
113	47	156.71	0.0	-7.79e-03	-24.08	120.0	321.52	-12.68	0.02	7.68	2.11	-428.87
		-588.75	-5.18	0.02	0.0	0.0	616.45	10.07	-0.04	31.08	0.0	0.0
						60.0	625.56	-6.37	-0.04	31.08	-2.59	66.82
113	50	201.14	8.48	-0.02	-24.08	120.0	629.79	-14.01	-0.04	31.08	-5.18	-588.75
		-440.37	0.0	0.03	0.0	0.0	305.18	11.30	0.07	5.30	0.0	0.0
						60.0	314.29	-5.14	0.07	5.30	4.24	141.01
113	59	146.20	1.03	-5.67e-03	-24.08	120.0	318.52	-12.78	0.07	5.30	8.48	-440.37
		-630.77	0.0	0.03	0.0	0.0	667.79	9.72	8.55e-03	32.44	0.0	0.0
						60.0	676.90	-6.72	8.55e-03	32.44	0.51	45.81
113	62	214.27	2.27	-0.02	-24.08	120.0	681.13	-14.36	8.55e-03	32.44	1.03	-630.77
		-398.36	0.0	0.02	0.0	0.0	253.83	11.65	0.02	3.93	0.0	0.0
						60.0	262.94	-4.79	0.02	3.93	1.14	162.02
113	79	145.17	1.63	-0.01	-20.18	120.0	267.18	-12.43	0.02	3.93	2.27	-398.36
		-438.60	0.0	0.02	0.0	0.0	409.80	8.72	0.01	16.35	0.0	0.0
						60.0	417.29	-4.80	0.01	16.35	0.81	83.43
113	85	403.45	5.30	-0.04	-55.05	120.0	420.98	-11.46	0.01	16.35	1.63	-438.60
		-1230.31	0.0	0.03	0.0	0.0	875.72	25.37	0.04	23.10	0.0	0.0
						60.0	897.70	-14.30	0.04	23.10	2.65	210.63
113	86	145.17	1.63	-0.01	-20.18	120.0	906.22	-29.68	0.04	23.10	5.30	-1230.31
		-438.60	0.0	0.02	0.0	0.0	409.80	8.72	0.01	16.35	0.0	0.0
						60.0	417.29	-4.80	0.01	16.35	0.81	83.43
113	90	214.32	2.37	-0.02	-29.23	120.0	420.98	-11.46	0.01	16.35	1.63	-438.60
		-637.46	0.0	0.03	0.0	0.0	530.19	13.10	0.02	18.68	0.0	0.0
						60.0	541.44	-7.21	0.02	18.68	1.19	119.80
113	91	145.17	1.63	-0.01	-20.18	120.0	546.39	-16.14	0.02	18.68	2.37	-637.46
		-438.60	0.0	0.02	0.0	0.0	409.80	8.72	0.01	16.35	0.0	0.0
						60.0	417.29	-4.80	0.01	16.35	0.81	83.43
113	92	177.96	1.65	-0.01	-24.08	120.0	420.98	-11.46	0.01	16.35	1.63	-438.60
		-514.56	0.0	0.03	0.0	0.0	460.81	10.69	0.01	18.19	0.0	0.0
						60.0	469.92	-5.75	0.01	18.19	0.82	103.91
114	5	97.96	0.0	2.68e-03	-22.66	120.0	474.15	-13.39	0.01	18.19	1.65	-514.56
		-749.02	-27.86	0.01	0.0	0.0	48.94	7.78	-0.23	-0.38	0.0	0.0
						60.0	57.45	-7.59	-0.23	-0.38	-13.93	-34.66
114	11	467.70	0.0	-0.02	-109.95	120.0	61.49	-14.87	-0.23	-0.38	-27.86	-749.02
		-3896.71	-92.54	0.02	0.0	0.0	670.68	39.42	-0.77	2.65	0.0	0.0
						60.0	715.21	-40.93	-0.77	2.65	-46.27	-299.13
114	40	110.45	0.0	0.01	-31.20	120.0	731.61	-70.53	-0.77	2.65	-92.54	-3896.71
		-1182.74	-44.80	0.01	0.0	0.0	229.58	9.86	-0.37	-0.85	0.0	0.0
						60.0	241.64	-11.92	-0.37	-0.85	-22.40	-123.43
114	43	168.51	0.0	-0.01	-31.20	120.0	246.86	-21.33	-0.37	-0.85	-44.80	-1182.74
		-915.12	-28.59	9.83e-03	0.0	0.0	0.90	12.09	-0.24	0.06	0.0	0.0
						60.0	12.97	-9.69	-0.24	0.06	-14.29	10.38
114	44	111.20	0.0	0.01	-31.20	120.0	18.19	-19.10	-0.24	0.06	-28.59	-915.12
						0.0	231.96	9.89	-0.36	-0.88	0.0	0.0

		-1178.74	-43.73	0.01	0.0	60.0	244.03	-11.88	-0.36	-0.88	-21.86	-121.43
						120.0	249.25	-21.30	-0.36	-0.88	-43.73	-1178.74
114	45	162.53	0.0	-0.01	-31.20	0.0	-12.47	11.89	-0.22	0.37	0.0	0.0
		-939.08	-26.49	8.71e-03	0.0	60.0	-0.40	-9.89	-0.22	0.37	-13.25	-1.60
						120.0	4.81	-19.30	-0.22	0.37	-26.49	-939.08
114	46	106.71	0.0	0.02	-31.20	0.0	218.59	9.69	-0.35	-0.57	0.0	0.0
		-1202.70	-41.64	0.01	0.0	60.0	230.66	-12.08	-0.35	-0.57	-20.82	-133.41
						120.0	235.88	-21.50	-0.35	-0.57	-41.64	-1202.70
114	72	102.19	0.0	0.02	-31.20	0.0	272.24	9.49	-0.40	-1.06	0.0	0.0
		-1226.83	-48.24	0.02	0.0	60.0	284.30	-12.28	-0.40	-1.06	-24.12	-145.48
						120.0	289.52	-21.70	-0.40	-1.06	-48.24	-1226.83
114	75	181.31	0.0	-0.02	-31.20	0.0	-37.85	12.52	-0.22	0.17	0.0	0.0
		-863.93	-26.26	9.14e-03	0.0	60.0	-25.78	-9.26	-0.22	0.17	-13.13	35.97
						120.0	-20.56	-18.68	-0.22	0.17	-26.26	-863.93
114	76	103.20	0.0	0.02	-31.20	0.0	275.47	9.54	-0.39	-1.10	0.0	0.0
		-1221.40	-46.80	0.02	0.0	60.0	287.54	-12.24	-0.39	-1.10	-23.40	-142.76
						120.0	292.76	-21.66	-0.39	-1.10	-46.80	-1221.40
114	77	173.19	0.0	-0.02	-31.20	0.0	-55.98	12.25	-0.20	0.59	0.0	0.0
		-896.42	-23.43	7.63e-03	0.0	60.0	-43.91	-9.53	-0.20	0.59	-11.71	19.73
						120.0	-38.70	-18.95	-0.20	0.59	-23.43	-896.42
114	78	97.11	0.0	0.02	-31.20	0.0	257.34	9.27	-0.37	-0.68	0.0	0.0
		-1253.89	-43.96	0.01	0.0	60.0	269.41	-12.51	-0.37	-0.68	-21.98	-159.01
						120.0	274.63	-21.93	-0.37	-0.68	-43.96	-1253.89
114	79	110.35	0.0	2.04e-03	-25.72	0.0	71.57	8.89	-0.25	-0.32	0.0	0.0
		-860.80	-30.44	0.01	0.0	60.0	81.36	-8.78	-0.25	-0.32	-15.22	-44.57
						120.0	85.82	-16.83	-0.25	-0.32	-30.44	-860.80
114	85	317.91	0.0	-0.01	-74.68	0.0	441.58	26.73	-0.53	1.68	0.0	0.0
		-2638.06	-64.03	0.01	0.0	60.0	471.72	-27.67	-0.53	1.68	-32.01	-198.76
						120.0	482.96	-47.96	-0.53	1.68	-64.03	-2638.06
114	86	110.35	0.0	2.04e-03	-25.72	0.0	71.57	8.89	-0.25	-0.32	0.0	0.0
		-860.80	-30.44	0.01	0.0	60.0	81.36	-8.78	-0.25	-0.32	-15.22	-44.57
						120.0	85.82	-16.83	-0.25	-0.32	-30.44	-860.80
114	90	164.30	0.0	-1.20e-03	-38.43	0.0	165.93	13.53	-0.33	0.12	0.0	0.0
		-1321.91	-39.65	0.01	0.0	60.0	181.01	-13.68	-0.33	0.12	-19.82	-84.45
						120.0	187.23	-24.91	-0.33	0.12	-39.65	-1321.91
114	91	110.35	0.0	2.04e-03	-25.72	0.0	71.57	8.89	-0.25	-0.32	0.0	0.0
		-860.80	-30.44	0.01	0.0	60.0	81.36	-8.78	-0.25	-0.32	-15.22	-44.57
						120.0	85.82	-16.83	-0.25	-0.32	-30.44	-860.80
114	92	133.67	0.0	1.10e-03	-31.20	0.0	109.75	10.89	-0.29	-0.25	0.0	0.0
		-1058.91	-35.11	0.01	0.0	60.0	121.81	-10.88	-0.29	-0.25	-17.56	-61.52
						120.0	127.03	-20.30	-0.29	-0.25	-35.11	-1058.91
118	5	407.62	25.50	0.02	-6.18	0.0	-92.29	-9.59	1.50	21.15	-159.49	407.62
		-1153.40	-159.49	-0.04	0.0	61.6	-90.07	-12.68	1.50	21.15	-66.99	-277.83
						123.1	-87.86	-15.77	1.50	21.15	25.50	-1153.40
118	11	1935.68	142.30	0.05	-8.03	0.0	-506.03	-60.21	8.18	115.77	-865.18	1935.68
		-5971.39	-865.18	-0.25	0.0	61.6	-503.15	-64.22	8.18	115.77	-361.44	-1894.27
						123.1	-500.27	-68.24	8.18	115.77	142.30	-5971.39
118	19	624.77	48.77	0.02	-6.18	0.0	-132.87	-16.02	-0.29	22.29	48.77	624.77
		-1728.70	11.49	-0.06	0.0	61.6	-130.66	-19.11	-0.29	22.29	30.13	-456.90
						123.1	-128.44	-22.20	-0.29	22.29	11.49	-1728.70
118	22	502.42	63.09	0.02	-6.18	0.0	-133.49	-13.42	4.63	38.99	-508.94	502.42
		-1529.21	-508.94	-0.07	0.0	61.6	-131.27	-16.51	4.63	38.99	-222.93	-418.34
						123.1	-129.06	-19.59	4.63	38.99	63.09	-1529.21
118	24	650.21	14.17	0.03	-6.18	0.0	-133.00	-15.51	0.14	25.92	-2.96	650.21
		-1641.17	-2.96	-0.05	0.0	61.6	-130.78	-18.60	0.14	25.92	5.61	-400.42
						123.1	-128.57	-21.69	0.14	25.92	14.17	-1641.17
118	39	559.96	26.59	0.01	-6.18	0.0	-132.88	-15.94	1.26	26.79	-126.56	559.96
		-1781.27	-126.56	-0.06	0.0	61.6	-130.67	-19.02	1.26	26.79	-49.98	-515.59
						123.1	-128.45	-22.11	1.26	26.79	26.59	-1781.27
118	51	646.55	148.04	0.02	-6.18	0.0	-132.76	-16.49	-1.16	19.31	148.04	646.55
		-1764.21	2.31	-0.06	0.0	61.6	-130.55	-19.57	-1.16	19.31	75.17	-463.77
						123.1	-128.33	-22.66	-1.16	19.31	2.31	-1764.21
118	54	480.64	72.27	0.02	-6.18	0.0	-133.60	-12.95	5.50	41.96	-608.22	480.64
		-1493.70	-608.22	-0.07	0.0	61.6	-131.38	-16.04	5.50	41.96	-267.97	-411.47
						123.1	-129.17	-19.13	5.50	41.96	72.27	-1493.70
118	56	681.04	77.90	0.03	-6.18	0.0	-132.94	-15.79	-0.59	24.25	77.90	681.04
		-1645.51	5.94	-0.04	0.0	61.6	-130.72	-18.88	-0.59	24.25	41.92	-387.18
						123.1	-128.50	-21.97	-0.59	24.25	5.94	-1645.51
118	71	558.67	22.79	6.98e-03	-6.18	0.0	-132.78	-16.37	0.94	25.42	-89.70	558.67
		-1835.49	-89.70	-0.06	0.0	61.6	-130.56	-19.46	0.94	25.42	-33.46	-543.35
						123.1	-128.35	-22.54	0.94	25.42	22.79	-1835.49
118	79	464.06	29.72	0.02	-6.18	0.0	-106.97	-11.44	1.74	24.55	-184.79	464.06
		-1324.34	-184.79	-0.05	0.0	61.6	-104.75	-14.53	1.74	24.55	-77.53	-335.08
						123.1	-102.54	-17.61	1.74	24.55	29.72	-1324.34
118	85	1314.70	96.01	0.03	-6.18	0.0	-341.83	-40.43	5.53	78.19	-584.56	1314.70
		-4043.55	-584.56	-0.17	0.0	61.6	-339.61	-43.52	5.53	78.19	-244.27	-1269.36
						123.1	-337.40	-46.61	5.53	78.19	96.01	-4043.55

118	86	464.06	29.72	0.02	-6.18	0.0	-106.97	-11.44	1.74	24.55	-184.79	464.06
		-1324.34	-184.79	-0.05	0.0	61.6	-104.75	-14.53	1.74	24.55	-77.53	-335.08
						123.1	-102.54	-17.61	1.74	24.55	29.72	-1324.34
118	90	687.27	47.02	0.02	-6.18	0.0	-167.92	-18.99	2.73	38.52	-288.90	687.27
		-2030.64	-288.90	-0.08	0.0	61.6	-165.71	-22.08	2.73	38.52	-120.94	-576.62
						123.1	-163.49	-25.16	2.73	38.52	47.02	-2030.64
118	91	464.06	29.72	0.02	-6.18	0.0	-106.97	-11.44	1.74	24.55	-184.79	464.06
		-1324.34	-184.79	-0.05	0.0	61.6	-104.75	-14.53	1.74	24.55	-77.53	-335.08
						123.1	-102.54	-17.61	1.74	24.55	29.72	-1324.34
118	92	563.59	37.29	0.02	-6.18	0.0	-133.18	-14.72	2.17	30.64	-230.09	563.59
		-1628.96	-230.09	-0.06	0.0	61.6	-130.97	-17.81	2.17	30.64	-96.40	-437.62
						123.1	-128.75	-20.90	2.17	30.64	37.29	-1628.96
119	4	1732.62	3.28	0.03	-8.03	0.0	-416.71	-36.65	-0.09	-1.02	3.28	1732.62
		-3274.50	-7.60	7.45e-03	0.0	61.6	-413.83	-40.67	-0.09	-1.02	-2.16	-647.36
						123.1	-410.95	-44.68	-0.09	-1.02	-7.60	-3274.50
119	5	342.99	1.66	0.02	-6.18	0.0	-93.30	-5.86	-0.06	-0.60	1.66	342.99
		-758.24	-5.51	6.18e-03	0.0	61.6	-91.08	-8.94	-0.06	-0.60	-1.93	-112.56
						123.1	-88.86	-12.03	-0.06	-0.60	-5.51	-758.24
119	11	2129.62	3.16	0.02	-8.03	0.0	-507.63	-45.60	-0.09	-1.00	3.16	2129.62
		-3979.50	-7.66	7.58e-03	0.0	61.6	-504.75	-49.62	-0.09	-1.00	-2.25	-801.36
						123.1	-501.87	-53.63	-0.09	-1.00	-7.66	-3979.50
119	15	521.89	227.97	0.02	-6.18	0.0	-133.73	-10.04	8.09	163.56	-760.16	521.89
		-1093.62	-760.16	-0.49	0.0	61.6	-131.51	-13.13	8.09	163.56	-266.10	-190.80
						123.1	-129.30	-16.22	8.09	163.56	227.97	-1093.62
119	18	520.51	763.96	0.03	-6.18	0.0	-134.78	-9.72	-8.21	-164.86	763.96	520.51
		-1057.37	-239.12	0.51	0.0	61.6	-132.57	-12.81	-8.21	-164.86	262.42	-173.37
						123.1	-130.35	-15.89	-8.21	-164.86	-239.12	-1057.37
119	36	515.13	42.12	0.03	-6.18	0.0	-134.99	-8.68	1.26	61.57	-142.61	515.13
		-933.29	-142.61	-0.10	0.0	61.6	-132.78	-11.77	1.26	61.57	-50.24	-114.02
						123.1	-130.56	-14.85	1.26	61.57	42.12	-933.29
119	37	527.27	146.41	0.01	-6.18	0.0	-133.52	-11.08	-1.38	-62.87	146.41	527.27
		-1217.70	-53.28	0.11	0.0	61.6	-131.31	-14.17	-1.38	-62.87	46.57	-250.16
						123.1	-129.09	-17.26	-1.38	-62.87	-53.28	-1217.70
119	47	522.13	311.11	0.02	-6.18	0.0	-133.54	-10.10	10.99	222.01	-1031.46	522.13
		-1100.07	-1031.46	-0.67	0.0	61.6	-131.33	-13.19	10.99	222.01	-360.17	-193.91
						123.1	-129.11	-16.28	10.99	222.01	311.11	-1100.07
119	50	520.26	1035.26	0.03	-6.18	0.0	-134.97	-9.66	-11.11	-223.32	1035.26	520.26
		-1050.92	-322.27	0.68	0.0	61.6	-132.76	-12.75	-11.11	-223.32	356.50	-170.27
						123.1	-130.54	-15.84	-11.11	-223.32	-322.27	-1050.92
119	68	512.97	59.11	0.04	-6.18	0.0	-135.26	-8.25	1.73	83.72	-194.06	512.97
		-882.66	-194.06	-0.13	0.0	61.6	-133.04	-11.34	1.73	83.72	-67.48	-89.79
						123.1	-130.82	-14.43	1.73	83.72	59.11	-882.66
119	69	529.43	197.86	0.01	-6.18	0.0	-133.26	-11.51	-1.85	-85.02	197.86	529.43
		-1268.33	-70.26	0.15	0.0	61.6	-131.04	-14.60	-1.85	-85.02	63.80	-274.39
						123.1	-128.83	-17.69	-1.85	-85.02	-70.26	-1268.33
119	79	406.94	1.73	0.02	-6.18	0.0	-108.00	-7.30	-0.06	-0.62	1.73	406.94
		-872.14	-5.52	6.10e-03	0.0	61.6	-105.78	-10.39	-0.06	-0.62	-1.89	-137.53
						123.1	-103.57	-13.48	-0.06	-0.62	-5.52	-872.14
119	82	1166.71	2.37	0.02	-6.18	0.0	-282.40	-24.45	-0.07	-0.75	2.37	1166.71
		-2223.36	-5.79	5.84e-03	0.0	61.6	-280.19	-27.53	-0.07	-0.75	-1.71	-433.26
						123.1	-277.97	-30.62	-0.07	-0.75	-5.79	-2223.36
119	85	1431.37	2.29	0.02	-6.18	0.0	-343.02	-30.41	-0.07	-0.74	2.29	1431.37
		-2693.35	-5.84	5.92e-03	0.0	61.6	-340.80	-33.50	-0.07	-0.74	-1.77	-535.93
						123.1	-338.59	-36.59	-0.07	-0.74	-5.84	-2693.35
119	86	406.94	1.73	0.02	-6.18	0.0	-108.00	-7.30	-0.06	-0.62	1.73	406.94
		-872.14	-5.52	6.10e-03	0.0	61.6	-105.78	-10.39	-0.06	-0.62	-1.89	-137.53
						123.1	-103.57	-13.48	-0.06	-0.62	-5.52	-872.14
119	87	597.37	2.01	0.02	-6.18	0.0	-151.76	-11.60	-0.06	-0.67	2.01	597.37
		-1211.07	-5.61	5.96e-03	0.0	61.6	-149.55	-14.69	-0.06	-0.67	-1.80	-211.79
						123.1	-147.33	-17.78	-0.06	-0.67	-5.61	-1211.07
119	90	672.76	1.93	0.02	-6.18	0.0	-169.01	-13.30	-0.06	-0.66	1.93	672.76
		-1344.84	-5.61	6.02e-03	0.0	61.6	-166.79	-16.39	-0.06	-0.66	-1.84	-240.98
						123.1	-164.58	-19.48	-0.06	-0.66	-5.61	-1344.84
119	91	406.94	1.73	0.02	-6.18	0.0	-108.00	-7.30	-0.06	-0.62	1.73	406.94
		-872.14	-5.52	6.10e-03	0.0	61.6	-105.78	-10.39	-0.06	-0.62	-1.89	-137.53
						123.1	-103.57	-13.48	-0.06	-0.62	-5.52	-872.14
119	92	521.20	1.90	0.02	-6.18	0.0	-134.26	-9.88	-0.06	-0.65	1.90	521.20
		-1075.50	-5.58	6.02e-03	0.0	61.6	-132.04	-12.97	-0.06	-0.65	-1.84	-182.09
						123.1	-129.83	-16.06	-0.06	-0.65	-5.58	-1075.50
120	5	400.70	179.45	0.04	-6.18	0.0	-97.26	-7.82	-1.68	-24.30	179.45	400.70
		-942.78	-27.35	0.06	0.0	61.6	-95.05	-10.91	-1.68	-24.30	76.05	-175.98
						123.1	-92.83	-14.00	-1.68	-24.30	-27.35	-942.78
120	11	2029.20	958.70	0.06	-8.03	0.0	-535.11	-55.77	-9.04	-127.87	958.70	2029.20
		-5331.23	-154.07	0.30	0.0	61.6	-532.23	-59.78	-9.04	-127.87	402.32	-1527.43
						123.1	-529.35	-63.80	-9.04	-127.87	-154.07	-5331.23
120	20	599.75	518.16	0.05	-6.18	0.0	-139.79	-12.91	-4.69	-42.34	518.16	599.75
		-1375.19	-61.19	0.09	0.0	61.6	-137.57	-16.00	-4.69	-42.34	228.48	-292.66

						123.1	-135.35	-19.09	-4.69	-42.34	-61.19	-1375.19
120	23	591.83	490.76	0.04	-6.18	0.0	-139.52	-13.35	-4.51	-38.80	490.76	591.83
		-1452.56	-64.56	0.11	0.0	61.6	-137.31	-16.44	-4.51	-38.80	213.10	-335.31
						123.1	-135.09	-19.53	-4.51	-38.80	-64.56	-1452.56
120	24	609.94	503.50	0.05	-6.18	0.0	-139.78	-12.84	-4.62	-39.57	503.50	609.94
		-1372.05	-65.91	0.11	0.0	61.6	-137.57	-15.93	-4.62	-39.57	218.79	-286.00
						123.1	-135.35	-19.02	-4.62	-39.57	-65.91	-1372.05
120	26	541.76	21.81	0.04	-6.18	0.0	-141.59	-12.08	-0.30	-30.20	21.81	541.76
		-1304.75	-14.95	0.06	0.0	61.6	-139.37	-15.16	-0.30	-30.20	3.43	-286.43
						123.1	-137.16	-18.25	-0.30	-30.20	-14.95	-1304.75
120	28	608.21	504.25	0.05	-6.18	0.0	-139.76	-12.93	-4.63	-39.58	504.25	608.21
		-1384.56	-66.08	0.11	0.0	61.6	-137.54	-16.02	-4.63	-39.58	219.09	-293.12
						123.1	-135.32	-19.10	-4.63	-39.58	-66.08	-1384.56
120	35	546.83	307.30	0.03	-6.18	0.0	-139.85	-13.68	-2.87	-34.63	307.30	546.83
		-1522.94	-45.14	0.09	0.0	61.6	-137.64	-16.76	-2.87	-34.63	131.08	-392.99
						123.1	-135.42	-19.85	-2.87	-34.63	-45.14	-1522.94
120	52	611.48	611.39	0.05	-6.18	0.0	-139.51	-12.99	-5.51	-45.13	611.39	611.48
		-1373.96	-68.83	0.09	0.0	61.6	-137.30	-16.07	-5.51	-45.13	271.28	-286.18
						123.1	-135.08	-19.16	-5.51	-45.13	-68.83	-1373.96
120	53	522.10	-10.69	0.04	-6.18	0.0	-141.60	-12.44	0.70	-23.87	-98.82	522.10
		-1383.36	-98.82	0.08	0.0	61.6	-139.39	-15.53	0.70	-23.87	-54.76	-335.57
						123.1	-137.17	-18.62	0.70	-23.87	-10.69	-1383.36
120	55	600.74	574.23	0.04	-6.18	0.0	-139.16	-13.58	-5.26	-40.33	574.23	600.74
		-1478.88	-73.39	0.11	0.0	61.6	-136.94	-16.66	-5.26	-40.33	250.42	-344.01
						123.1	-134.73	-19.75	-5.26	-40.33	-73.39	-1478.88
120	56	625.30	591.51	0.05	-6.18	0.0	-139.51	-12.89	-5.41	-41.37	591.51	625.30
		-1369.70	-75.23	0.11	0.0	61.6	-137.29	-15.97	-5.41	-41.37	258.14	-277.14
						123.1	-135.08	-19.06	-5.41	-41.37	-75.23	-1369.70
120	58	532.85	-6.12	0.04	-6.18	0.0	-141.96	-11.85	0.45	-28.67	-61.67	532.85
		-1278.44	-61.67	0.05	0.0	61.6	-139.74	-14.94	0.45	-28.67	-33.89	-277.73
						123.1	-137.53	-18.03	0.45	-28.67	-6.12	-1278.44
120	67	539.72	325.46	0.03	-6.18	0.0	-139.60	-14.02	-3.03	-34.68	325.46	539.72
		-1574.30	-47.06	0.09	0.0	61.6	-137.39	-17.11	-3.03	-34.68	139.20	-422.23
						123.1	-135.17	-20.19	-3.03	-34.68	-47.06	-1574.30
120	79	460.76	206.97	0.04	-6.18	0.0	-112.80	-9.58	-1.94	-27.95	206.97	460.76
		-1099.38	-31.81	0.07	0.0	61.6	-110.59	-12.67	-1.94	-27.95	87.58	-224.25
						123.1	-108.37	-15.76	-1.94	-27.95	-31.81	-1099.38
120	85	1374.20	648.38	0.05	-6.18	0.0	-361.42	-37.28	-6.11	-86.54	648.38	1374.20
		-3596.33	-103.98	0.20	0.0	61.6	-359.21	-40.37	-6.11	-86.54	272.20	-1016.01
						123.1	-356.99	-43.46	-6.11	-86.54	-103.98	-3596.33
120	86	460.76	206.97	0.04	-6.18	0.0	-112.80	-9.58	-1.94	-27.95	206.97	460.76
		-1099.38	-31.81	0.07	0.0	61.6	-110.59	-12.67	-1.94	-27.95	87.58	-224.25
						123.1	-108.37	-15.76	-1.94	-27.95	-31.81	-1099.38
120	90	700.00	321.55	0.04	-6.18	0.0	-177.33	-16.79	-3.02	-43.16	321.55	700.00
		-1747.72	-50.48	0.10	0.0	61.6	-175.11	-19.88	-3.02	-43.16	135.54	-428.80
						123.1	-172.90	-22.97	-3.02	-43.16	-50.48	-1747.72
120	91	460.76	206.97	0.04	-6.18	0.0	-112.80	-9.58	-1.94	-27.95	206.97	460.76
		-1099.38	-31.81	0.07	0.0	61.6	-110.59	-12.67	-1.94	-27.95	87.58	-224.25
						123.1	-108.37	-15.76	-1.94	-27.95	-31.81	-1099.38
120	92	566.79	256.28	0.04	-6.18	0.0	-140.56	-12.71	-2.40	-34.50	256.28	566.79
		-1378.66	-39.76	0.08	0.0	61.6	-138.34	-15.80	-2.40	-34.50	108.26	-310.87
						123.1	-136.13	-18.89	-2.40	-34.50	-39.76	-1378.66
121	5	375.65	29.32	0.01	-6.18	0.0	-89.81	12.34	-1.53	-22.06	29.32	-763.59
		-763.59	-159.49	0.06	0.0	61.6	-92.02	9.25	-1.53	-22.06	-65.09	-98.91
						123.1	-94.24	6.16	-1.53	-22.06	-159.49	375.65
121	11	1849.14	147.55	0.04	-8.03	0.0	-509.16	53.78	-8.23	-118.64	147.55	-4278.26
		-4278.26	-865.20	0.28	0.0	61.6	-512.04	49.77	-8.23	-118.64	-358.83	-1090.98
						123.1	-514.92	45.75	-8.23	-118.64	-865.20	1849.14
121	21	455.56	70.61	0.01	-6.18	0.0	-131.70	15.70	-4.59	-38.49	70.61	-1106.09
		-1106.09	-497.83	0.10	0.0	61.6	-133.91	12.61	-4.59	-38.49	-213.61	-230.20
						123.1	-136.13	9.52	-4.59	-38.49	-497.83	455.56
121	22	479.57	67.97	0.02	-6.18	0.0	-131.33	16.63	-4.72	-37.69	67.97	-1196.45
		-1196.45	-511.53	0.10	0.0	61.6	-133.55	13.54	-4.72	-37.69	-221.78	-263.38
						123.1	-135.76	10.45	-4.72	-37.69	-511.53	479.57
121	24	607.77	21.06	0.02	-6.18	0.0	-131.15	17.27	-0.12	-25.49	21.06	-1131.22
		-1131.22	-5.36	0.08	0.0	61.6	-133.36	14.18	-0.12	-25.49	7.85	-166.66
						123.1	-135.58	11.09	-0.12	-25.49	-5.36	607.77
121	40	584.56	28.40	0.03	-6.18	0.0	-130.72	18.03	-1.68	-28.45	28.40	-1252.39
		-1252.39	-170.55	0.07	0.0	61.6	-132.93	14.94	-1.68	-28.45	-71.07	-238.85
						123.1	-135.15	11.85	-1.68	-28.45	-170.55	584.56
121	41	469.00	54.04	6.20e-03	-6.18	0.0	-132.03	14.79	-2.72	-34.96	54.04	-974.02
		-974.02	-289.65	0.09	0.0	61.6	-134.24	11.70	-2.72	-34.96	-117.80	-157.45
						123.1	-136.46	8.61	-2.72	-34.96	-289.65	469.00
121	42	549.03	45.24	0.02	-6.18	0.0	-130.81	17.88	-3.15	-32.28	45.24	-1275.23
		-1275.23	-335.30	0.08	0.0	61.6	-133.02	14.79	-3.15	-32.28	-145.03	-268.04
						123.1	-135.24	11.70	-3.15	-32.28	-335.30	549.03
121	51	590.78	151.53	0.01	-6.18	0.0	-131.43	16.11	1.21	-23.59	4.95	-1000.31

		-1000.31	4.95	0.05	0.0	61.6	-133.64	13.02	1.21	-23.59	78.24	-109.70
						123.1	-135.86	9.93	1.21	-23.59	151.53	590.78
121	54	462.77	77.49	0.02	-6.18	0.0	-131.32	16.71	-5.61	-39.82	77.49	-1226.09
		-1226.09	-611.72	0.11	0.0	61.6	-133.53	13.62	-5.61	-39.82	-267.11	-286.60
						123.1	-135.75	10.53	-5.61	-39.82	-611.72	462.77
121	56	636.61	74.65	0.02	-6.18	0.0	-131.07	17.57	0.62	-23.28	13.89	-1137.64
		-1137.64	13.89	0.07	0.0	61.6	-133.28	14.48	0.62	-23.28	44.27	-155.45
						123.1	-135.50	11.40	0.62	-23.28	74.65	636.61
121	72	605.13	23.83	0.03	-6.18	0.0	-130.49	18.61	-1.50	-27.29	23.83	-1301.94
		-1301.94	-149.35	0.07	0.0	61.6	-132.70	15.52	-1.50	-27.29	-62.76	-253.34
						123.1	-134.92	12.43	-1.50	-27.29	-149.35	605.13
121	73	448.43	58.61	2.78e-03	-6.18	0.0	-132.26	14.21	-2.91	-36.12	58.61	-924.47
		-924.47	-310.85	0.10	0.0	61.6	-134.47	11.12	-2.91	-36.12	-126.12	-142.96
						123.1	-136.69	8.04	-2.91	-36.12	-310.85	448.43
121	74	556.96	46.67	0.03	-6.18	0.0	-130.60	18.41	-3.49	-32.49	46.67	-1332.91
		-1332.91	-372.75	0.09	0.0	61.6	-132.82	15.32	-3.49	-32.49	-163.04	-292.92
						123.1	-135.03	12.23	-3.49	-32.49	-372.75	556.96
121	79	430.37	33.56	0.01	-6.18	0.0	-104.73	13.81	-1.77	-25.52	33.56	-889.21
		-889.21	-184.80	0.07	0.0	61.6	-106.94	10.72	-1.77	-25.52	-75.62	-134.36
						123.1	-109.16	7.63	-1.77	-25.52	-184.80	430.37
121	85	1253.66	100.01	0.03	-6.18	0.0	-343.46	36.72	-5.56	-80.20	100.01	-2886.99
		-2886.99	-584.57	0.19	0.0	61.6	-345.67	33.63	-5.56	-80.20	-242.28	-721.60
						123.1	-347.89	30.54	-5.56	-80.20	-584.57	1253.66
121	86	430.37	33.56	0.01	-6.18	0.0	-104.73	13.81	-1.77	-25.52	33.56	-889.21
		-889.21	-184.80	0.07	0.0	61.6	-106.94	10.72	-1.77	-25.52	-75.62	-134.36
						123.1	-109.16	7.63	-1.77	-25.52	-184.80	430.37
121	90	646.45	50.94	0.02	-6.18	0.0	-166.68	19.78	-2.76	-39.75	50.94	-1408.23
		-1408.23	-288.91	0.10	0.0	61.6	-168.90	16.69	-2.76	-39.75	-118.99	-285.83
						123.1	-171.12	13.60	-2.76	-39.75	-288.91	646.45
121	91	430.37	33.56	0.01	-6.18	0.0	-104.73	13.81	-1.77	-25.52	33.56	-889.21
		-889.21	-184.80	0.07	0.0	61.6	-106.94	10.72	-1.77	-25.52	-75.62	-134.36
						123.1	-109.16	7.63	-1.77	-25.52	-184.80	430.37
121	92	526.78	41.22	0.02	-6.18	0.0	-131.37	16.41	-2.20	-31.70	41.22	-1113.20
		-1113.20	-230.10	0.08	0.0	61.6	-133.59	13.32	-2.20	-31.70	-94.44	-198.15
						123.1	-135.80	10.23	-2.20	-31.70	-230.10	526.78
122	4	1765.63	14.70	0.02	-8.03	0.0	-404.94	53.82	-0.09	-0.12	14.70	-4366.98
		-4366.98	3.29	0.02	0.0	61.6	-407.82	49.81	-0.09	-0.12	8.99	-1177.09
						123.1	-410.70	45.80	-0.09	-0.12	3.29	1765.63
122	5	349.50	9.11	0.02	-6.18	0.0	-87.69	13.83	-0.06	-0.15	9.11	-972.84
		-972.84	1.67	0.01	0.0	61.6	-89.90	10.74	-0.06	-0.15	5.39	-216.61
						123.1	-92.12	7.65	-0.06	-0.15	1.67	349.50
122	11	2170.18	14.50	9.00e-03	-8.03	0.0	-494.49	64.87	-0.09	-0.14	14.50	-5322.27
		-5322.27	3.17	0.02	0.0	61.6	-497.37	60.85	-0.09	-0.14	8.83	-1452.46
						123.1	-500.25	56.84	-0.09	-0.14	3.17	2170.18
122	16	530.00	166.90	0.02	-6.18	0.0	-127.51	18.92	-7.24	-232.44	166.90	-1419.17
		-1419.17	-693.07	0.37	0.0	61.6	-129.72	15.83	-7.24	-232.44	-263.08	-349.52
						123.1	-131.94	12.74	-7.24	-232.44	-693.07	530.00
122	17	532.22	696.88	0.02	-6.18	0.0	-128.55	18.67	7.11	232.18	-147.51	-1386.64
		-1386.64	-147.51	-0.35	0.0	61.6	-130.76	15.58	7.11	232.18	274.68	-332.15
						123.1	-132.98	12.50	7.11	232.18	696.88	532.22
122	23	528.95	274.95	0.02	-6.18	0.0	-127.68	18.22	-7.96	-125.65	274.95	-1333.18
		-1333.18	-740.02	0.55	0.0	61.6	-129.89	15.13	-7.96	-125.65	-232.54	-307.05
						123.1	-132.11	12.05	-7.96	-125.65	-740.02	528.95
122	26	533.28	743.83	0.02	-6.18	0.0	-128.38	19.37	7.84	125.39	-255.57	-1472.63
		-1472.63	-255.57	-0.53	0.0	61.6	-130.59	16.28	7.84	125.39	244.13	-374.62
						123.1	-132.81	13.19	7.84	125.39	743.83	533.28
122	38	534.09	274.61	0.03	-6.18	0.0	-127.96	19.96	1.77	50.76	-53.62	-1543.46
		-1543.46	-53.62	-0.12	0.0	61.6	-130.18	16.87	1.77	50.76	110.50	-409.63
						123.1	-132.39	13.78	1.77	50.76	274.61	534.09
122	42	534.25	264.07	0.03	-6.18	0.0	-127.99	19.88	1.52	84.52	-19.43	-1533.07
		-1533.07	-19.43	-0.07	0.0	61.6	-130.20	16.79	1.52	84.52	122.32	-404.35
						123.1	-132.42	13.70	1.52	84.52	264.07	534.25
122	48	529.61	222.87	0.03	-6.18	0.0	-127.32	18.97	-9.79	-315.15	222.87	-1424.96
		-1424.96	-940.48	0.50	0.0	61.6	-129.54	15.88	-9.79	-315.15	-358.80	-352.62
						123.1	-131.75	12.79	-9.79	-315.15	-940.48	529.61
122	49	532.62	944.29	0.01	-6.18	0.0	-128.73	18.63	9.66	314.89	-203.48	-1380.85
		-1380.85	-203.48	-0.48	0.0	61.6	-130.95	15.54	9.66	314.89	370.40	-329.05
						123.1	-133.16	12.45	9.66	314.89	944.29	532.62
122	55	528.18	369.38	0.02	-6.18	0.0	-127.56	18.02	-10.78	-170.33	369.38	-1308.36
		-1308.36	-1004.15	0.74	0.0	61.6	-129.77	14.93	-10.78	-170.33	-317.38	-295.03
						123.1	-131.99	11.84	-10.78	-170.33	-1004.15	528.18
122	58	534.05	1007.96	0.02	-6.18	0.0	-128.50	19.58	10.65	170.07	-350.00	-1497.45
		-1497.45	-350.00	-0.72	0.0	61.6	-130.71	16.49	10.65	170.07	328.98	-386.64
						123.1	-132.93	13.40	10.65	170.07	1007.96	534.05
122	70	535.15	371.70	0.03	-6.18	0.0	-127.94	20.37	2.43	68.87	-76.16	-1593.50
		-1593.50	-76.16	-0.17	0.0	61.6	-130.15	17.29	2.43	68.87	147.77	-434.12
						123.1	-132.37	14.20	2.43	68.87	371.70	535.15

122	74	535.37	357.40	0.03	-6.18	0.0	-127.98	20.26	2.08	114.65	-29.80	-1579.41
		-1579.41	-29.80	-0.10	0.0	61.6	-130.19	17.18	2.08	114.65	163.80	-426.96
						123.1	-132.41	14.09	2.08	114.65	357.40	535.37
122	79	414.68	9.28	0.02	-6.18	0.0	-102.17	15.61	-0.06	-0.14	9.28	-1127.23
		-1127.23	1.74	0.01	0.0	61.6	-104.38	12.52	-0.06	-0.14	5.51	-261.21
						123.1	-106.60	9.44	-0.06	-0.14	1.74	414.68
122	82	1188.93	10.93	0.01	-6.18	0.0	-273.93	36.78	-0.07	-0.10	10.93	-2958.69
		-2958.69	2.37	0.01	0.0	61.6	-276.14	33.69	-0.07	-0.10	6.65	-789.82
						123.1	-278.36	30.60	-0.07	-0.10	2.37	1188.93
122	85	1458.63	10.79	9.17e-03	-6.18	0.0	-333.63	44.14	-0.07	-0.11	10.79	-3595.55
		-3595.55	2.29	0.01	0.0	61.6	-335.84	41.05	-0.07	-0.11	6.54	-973.40
						123.1	-338.06	37.96	-0.07	-0.11	2.29	1458.63
122	86	414.68	9.28	0.02	-6.18	0.0	-102.17	15.61	-0.06	-0.14	9.28	-1127.23
		-1127.23	1.74	0.01	0.0	61.6	-104.38	12.52	-0.06	-0.14	5.51	-261.21
						123.1	-106.60	9.44	-0.06	-0.14	1.74	414.68
122	87	608.74	9.97	0.02	-6.18	0.0	-145.27	20.92	-0.06	-0.12	9.97	-1586.69
		-1586.69	2.02	0.01	0.0	61.6	-147.48	17.83	-0.06	-0.12	5.99	-393.92
						123.1	-149.70	14.74	-0.06	-0.12	2.02	608.74
122	90	685.57	9.80	0.02	-6.18	0.0	-162.25	23.02	-0.06	-0.13	9.80	-1767.92
		-1767.92	1.94	0.01	0.0	61.6	-164.47	19.93	-0.06	-0.13	5.87	-446.12
						123.1	-166.68	16.84	-0.06	-0.13	1.94	685.57
122	91	414.68	9.28	0.02	-6.18	0.0	-102.17	15.61	-0.06	-0.14	9.28	-1127.23
		-1127.23	1.74	0.01	0.0	61.6	-104.38	12.52	-0.06	-0.14	5.51	-261.21
						123.1	-106.60	9.44	-0.06	-0.14	1.74	414.68
122	92	531.11	9.69	0.02	-6.18	0.0	-128.03	18.80	-0.06	-0.13	9.69	-1402.91
		-1402.91	1.91	0.01	0.0	61.6	-130.24	15.71	-0.06	-0.13	5.80	-340.84
						123.1	-132.46	12.62	-0.06	-0.13	1.91	531.11
123	5	431.90	179.45	0.04	-6.18	0.0	-92.30	15.39	1.67	24.33	-25.96	-1082.13
		-1082.13	-25.96	-0.04	0.0	61.6	-94.51	12.30	1.67	24.33	76.74	-230.06
						123.1	-96.73	9.21	1.67	24.33	179.45	431.90
123	11	2104.46	958.75	0.06	-8.03	0.0	-528.38	67.14	9.01	131.91	-150.91	-5667.49
		-5667.49	-150.91	-0.26	0.0	61.6	-531.26	63.12	9.01	131.91	403.92	-1657.93
						123.1	-534.14	59.11	9.01	131.91	958.75	2104.46
123	16	639.29	521.12	0.04	-6.18	0.0	-134.49	21.15	4.65	40.27	-64.49	-1598.59
		-1598.59	-64.49	-0.08	0.0	61.6	-136.70	18.07	4.65	40.27	228.32	-384.59
						123.1	-138.92	14.98	4.65	40.27	521.12	639.29
123	17	564.88	-8.54	0.03	-6.18	0.0	-136.62	19.75	0.14	29.62	-11.87	-1472.60
		-1472.60	-11.87	-0.04	0.0	61.6	-138.84	16.66	0.14	29.62	-10.21	-358.80
						123.1	-141.05	13.57	0.14	29.62	-8.54	564.88
123	19	616.47	507.20	0.04	-6.18	0.0	-134.67	20.35	4.77	40.72	-66.39	-1521.91
		-1521.91	-66.39	-0.08	0.0	61.6	-136.89	17.26	4.77	40.72	220.41	-357.66
						123.1	-139.10	14.17	4.77	40.72	507.20	616.47
123	20	636.76	521.91	0.04	-6.18	0.0	-134.53	21.02	4.64	40.22	-64.27	-1585.15
		-1585.15	-64.27	-0.08	0.0	61.6	-136.75	17.94	4.64	40.22	228.82	-379.13
						123.1	-138.96	14.85	4.64	40.22	521.91	636.76
123	36	654.44	349.19	0.05	-6.18	0.0	-134.91	22.17	2.81	36.45	-40.85	-1697.33
		-1697.33	-40.85	-0.07	0.0	61.6	-137.12	19.08	2.81	36.45	154.17	-426.39
						123.1	-139.34	15.99	2.81	36.45	349.19	654.44
123	48	652.54	615.40	0.04	-6.18	0.0	-134.11	21.40	5.45	42.16	-73.85	-1621.02
		-1621.02	-73.85	-0.09	0.0	61.6	-136.32	18.32	5.45	42.16	270.77	-389.18
						123.1	-138.54	15.23	5.45	42.16	615.40	652.54
123	49	551.64	-2.51	0.03	-6.18	0.0	-137.00	19.50	-0.67	27.73	-2.51	-1450.17
		-1450.17	-102.82	-0.03	0.0	61.6	-139.22	16.41	-0.67	27.73	-52.67	-354.21
						123.1	-141.43	13.32	-0.67	27.73	-102.82	551.64
123	52	649.10	616.47	0.04	-6.18	0.0	-134.17	21.23	5.44	42.10	-73.56	-1602.79
		-1602.79	-73.56	-0.09	0.0	61.6	-136.38	18.14	5.44	42.10	271.46	-381.78
						123.1	-138.60	15.05	5.44	42.10	616.47	649.10
123	53	555.07	-2.80	0.03	-6.18	0.0	-136.94	19.67	-0.66	27.79	-2.80	-1468.39
		-1468.39	-103.89	-0.03	0.0	61.6	-139.16	16.59	-0.66	27.79	-53.35	-361.60
						123.1	-141.37	13.50	-0.66	27.79	-103.89	555.07
123	68	673.07	382.27	0.05	-6.18	0.0	-134.67	22.78	2.96	36.98	-41.80	-1754.91
		-1754.91	-41.80	-0.07	0.0	61.6	-136.89	19.69	2.96	36.98	170.23	-445.86
						123.1	-139.10	16.60	2.96	36.98	382.27	673.07
123	79	493.37	206.98	0.04	-6.18	0.0	-107.82	17.21	1.93	28.13	-30.36	-1244.92
		-1244.92	-30.36	-0.05	0.0	61.6	-110.04	14.12	1.93	28.13	88.31	-280.71
						123.1	-112.26	11.03	1.93	28.13	206.98	493.37
123	85	1427.78	648.41	0.04	-6.18	0.0	-356.28	45.84	6.09	89.15	-101.73	-3835.79
		-3835.79	-101.73	-0.17	0.0	61.6	-358.49	42.75	6.09	89.15	273.34	-1108.94
						123.1	-360.71	39.66	6.09	89.15	648.41	1427.78
123	86	493.37	206.98	0.04	-6.18	0.0	-107.82	17.21	1.93	28.13	-30.36	-1244.92
		-1244.92	-30.36	-0.05	0.0	61.6	-110.04	14.12	1.93	28.13	88.31	-280.71
						123.1	-112.26	11.03	1.93	28.13	206.98	493.37
123	90	738.23	321.56	0.04	-6.18	0.0	-172.31	24.66	3.01	43.97	-48.80	-1918.12
		-1918.12	-48.80	-0.08	0.0	61.6	-174.52	21.58	3.01	43.97	136.38	-494.88
						123.1	-176.74	18.49	3.01	43.97	321.56	738.23
123	91	493.37	206.98	0.04	-6.18	0.0	-107.82	17.21	1.93	28.13	-30.36	-1244.92
		-1244.92	-30.36	-0.05	0.0	61.6	-110.04	14.12	1.93	28.13	88.31	-280.71

						123.1	-112.26	11.03	1.93	28.13	206.98	493.37
123	92	602.09	256.29	0.04	-6.18	0.0	-135.56	20.45	2.39	34.94	-38.18	-1535.59
		-1535.59	-38.18	-0.06	0.0	61.6	-137.77	17.36	2.39	34.94	109.05	-371.69
						123.1	-139.99	14.27	2.39	34.94	256.29	602.09
124	5	1823.12	205.59	0.08	-97.25	0.0	-5.84	56.73	-0.91	-27.36	205.59	-2014.36
		-2014.36	0.0	0.06	0.0	112.6	-42.88	9.36	-0.91	-27.36	102.79	1731.44
						225.3	-81.89	-40.52	-0.91	-27.36	0.0	0.0
124	9	8437.43	888.65	0.12	-453.89	0.0	-205.39	265.31	-3.94	-127.29	888.65	-9604.48
		-9604.48	0.0	0.18	0.0	112.6	-377.85	44.77	-3.94	-127.29	444.32	7979.46
						225.3	-560.33	-188.58	-3.94	-127.29	0.0	0.0
124	11	1.033e+04	1082.80	0.13	-556.10	0.0	-270.19	325.07	-4.81	-155.36	1082.80	-1.178e+04
		-1.178e+04	0.0	0.22	0.0	112.6	-481.45	54.91	-4.81	-155.36	541.40	9770.53
						225.3	-705.05	-231.03	-4.81	-155.36	0.0	0.0
124	15	2649.78	52.23	0.08	-142.81	0.0	-96.41	83.58	-0.23	-45.24	52.23	-3032.64
		-3032.64	0.0	0.05	0.0	112.6	-150.74	14.10	-0.23	-45.24	26.11	2505.17
						225.3	-208.08	-59.22	-0.23	-45.24	0.0	0.0
124	18	2687.15	531.79	0.09	-142.81	0.0	23.39	83.14	-2.36	-34.53	531.79	-2932.99
		-2932.99	0.0	0.10	0.0	112.6	-30.95	13.66	-2.36	-34.53	265.90	2555.00
						225.3	-88.28	-59.67	-2.36	-34.53	0.0	0.0
124	27	2676.59	0.0	0.08	-142.81	0.0	-86.36	83.27	0.03	-47.22	-5.88	-2961.15
		-2961.15	-5.88	0.04	0.0	112.6	-140.69	13.78	0.03	-47.22	-2.94	2540.92
						225.3	-198.03	-59.54	0.03	-47.22	0.0	0.0
124	30	2660.34	589.90	0.08	-142.81	0.0	13.34	83.46	-2.62	-32.55	589.90	-3004.48
		-3004.48	0.0	0.10	0.0	112.6	-41.00	13.98	-2.62	-32.55	294.95	2519.25
						225.3	-98.33	-59.35	-2.62	-32.55	0.0	0.0
124	36	2795.11	226.15	0.12	-142.81	0.0	-7.53	82.02	-1.00	-43.10	226.15	-2679.78
		-2679.78	0.0	0.06	0.0	112.6	-61.86	12.53	-1.00	-43.10	113.08	2681.60
						225.3	-119.20	-60.79	-1.00	-43.10	0.0	0.0
124	37	2554.83	357.87	0.05	-142.81	0.0	-65.49	84.71	-1.59	-36.67	357.87	-3285.85
		-3285.85	0.0	0.09	0.0	112.6	-119.83	15.23	-1.59	-36.67	178.94	2378.57
						225.3	-177.16	-58.10	-1.59	-36.67	0.0	0.0
124	47	2643.13	0.0	0.07	-142.81	0.0	-117.73	83.66	0.15	-47.14	-33.14	-3050.38
		-3050.38	-33.14	0.04	0.0	112.6	-172.06	14.18	0.15	-47.14	-16.57	2496.30
						225.3	-229.40	-59.14	0.15	-47.14	0.0	0.0
124	50	2693.80	617.16	0.09	-142.81	0.0	44.71	83.06	-2.74	-32.62	617.16	-2915.25
		-2915.25	0.0	0.10	0.0	112.6	-9.62	13.58	-2.74	-32.62	308.58	2563.87
						225.3	-66.96	-59.74	-2.74	-32.62	0.0	0.0
124	59	2679.48	0.0	0.08	-142.81	0.0	-104.10	83.23	0.50	-49.83	-111.93	-2953.44
		-2953.44	-111.93	0.03	0.0	112.6	-158.44	13.75	0.50	-49.83	-55.96	2544.77
						225.3	-215.77	-59.57	0.50	-49.83	0.0	0.0
124	62	2657.45	695.95	0.08	-142.81	0.0	31.08	83.49	-3.09	-29.93	695.95	-3012.19
		-3012.19	0.0	0.11	0.0	112.6	-23.25	14.01	-3.09	-29.93	347.97	2515.39
						225.3	-80.59	-59.31	-3.09	-29.93	0.0	0.0
124	68	2842.31	202.71	0.13	-142.81	0.0	2.79	81.54	-0.90	-44.25	202.71	-2571.90
		-2571.90	0.0	0.06	0.0	112.6	-51.54	12.06	-0.90	-44.25	101.35	2735.54
						225.3	-108.88	-61.27	-0.90	-44.25	0.0	0.0
124	69	2514.37	381.32	0.04	-142.81	0.0	-75.81	85.19	-1.69	-35.52	381.32	-3393.73
		-3393.73	0.0	0.09	0.0	112.6	-130.14	15.70	-1.69	-35.52	190.66	2324.63
						225.3	-187.48	-57.62	-1.69	-35.52	0.0	0.0
124	79	2126.74	236.54	0.08	-113.60	0.0	-18.00	66.29	-1.05	-31.86	236.54	-2361.58
		-2361.58	0.0	0.06	0.0	112.6	-61.24	10.98	-1.05	-31.86	118.27	2018.35
						225.3	-106.83	-47.32	-1.05	-31.86	0.0	0.0
124	83	5706.10	603.34	0.09	-306.84	0.0	-131.23	179.34	-2.68	-86.10	603.34	-6486.39
		-6486.39	0.0	0.12	0.0	112.6	-247.83	30.23	-2.68	-86.10	301.67	5397.48
						225.3	-371.17	-127.50	-2.68	-86.10	0.0	0.0
124	85	6970.13	732.77	0.10	-374.98	0.0	-174.42	219.18	-3.25	-104.82	732.77	-7935.94
		-7935.94	0.0	0.15	0.0	112.6	-316.89	36.99	-3.25	-104.82	366.39	6591.53
						225.3	-467.65	-155.80	-3.25	-104.82	0.0	0.0
124	86	2126.74	236.54	0.08	-113.60	0.0	-18.00	66.29	-1.05	-31.86	236.54	-2361.58
		-2361.58	0.0	0.06	0.0	112.6	-61.24	10.98	-1.05	-31.86	118.27	2018.35
						225.3	-106.83	-47.32	-1.05	-31.86	0.0	0.0
124	88	2842.61	309.90	0.08	-152.25	0.0	-40.64	88.90	-1.38	-42.71	309.90	-3186.54
		-3186.54	0.0	0.07	0.0	112.6	-98.56	14.83	-1.38	-42.71	154.95	2694.18
						225.3	-159.70	-63.35	-1.38	-42.71	0.0	0.0
124	90	3384.34	365.37	0.08	-181.45	0.0	-59.15	105.97	-1.62	-50.73	365.37	-3807.78
		-3807.78	0.0	0.09	0.0	112.6	-128.16	17.73	-1.62	-50.73	182.69	3205.91
						225.3	-201.05	-75.48	-1.62	-50.73	0.0	0.0
124	91	2126.74	236.54	0.08	-113.60	0.0	-18.00	66.29	-1.05	-31.86	236.54	-2361.58
		-2361.58	0.0	0.06	0.0	112.6	-61.24	10.98	-1.05	-31.86	118.27	2018.35
						225.3	-106.83	-47.32	-1.05	-31.86	0.0	0.0
124	92	2668.46	292.01	0.08	-142.81	0.0	-36.51	83.36	-1.30	-39.88	292.01	-2982.82
		-2982.82	0.0	0.07	0.0	112.6	-90.84	13.88	-1.30	-39.88	146.01	2530.08
						225.3	-148.18	-59.44	-1.30	-39.88	0.0	0.0
125	5	6.96	189.71	0.04	-40.23	0.0	-392.36	26.08	-0.75	-5.87	189.71	-898.46
		-898.46	93.83	0.04	0.0	63.5	-374.30	2.99	-0.75	-5.87	141.77	-6.93
						127.0	-360.89	-14.16	-0.75	-5.87	93.83	-392.84
125	11	-426.24	1033.76	0.07	-221.88	0.0	-667.08	153.53	-4.05	-31.14	1033.76	-6029.02

		-6029.02	519.40	0.17	0.0	63.5	-565.74	23.93	-4.05	-31.14	776.58	-592.15
						127.0	-493.57	-68.35	-4.05	-31.14	519.40	-2200.06
125	12	-298.54	721.35	0.05	-154.63	0.0	-462.24	106.89	-2.83	-21.68	721.35	-4197.77
		-4197.77	362.01	0.12	0.0	63.5	-391.65	16.62	-2.83	-21.68	541.68	-413.30
						127.0	-341.32	-47.74	-2.83	-21.68	362.01	-1538.31
125	19	-44.96	594.07	0.04	-58.21	0.0	-409.94	37.99	4.98	-28.08	-14.27	-1360.78
		-1360.78	-14.27	0.02	0.0	63.5	-383.62	4.34	4.98	-28.08	289.90	-65.13
						127.0	-364.41	-20.22	4.98	-28.08	594.07	-617.78
125	22	-27.89	560.16	0.05	-58.21	0.0	-431.39	39.46	-7.14	11.32	560.16	-1453.75
		-1453.75	-322.20	0.08	0.0	63.5	-405.08	5.81	-7.14	11.32	118.98	-64.00
						127.0	-385.87	-18.75	-7.14	11.32	-322.20	-522.56
125	24	-5.48	453.84	0.05	-58.21	0.0	-494.20	38.73	2.96	-22.89	56.92	-1403.02
		-1403.02	56.92	0.04	0.0	63.5	-467.89	5.08	2.96	-22.89	255.38	-35.93
						127.0	-448.68	-19.49	2.96	-22.89	453.84	-517.14
125	36	-14.08	193.10	0.06	-58.21	0.0	-548.24	39.98	-0.41	-11.17	176.94	-1490.10
		-1490.10	176.94	0.04	0.0	63.5	-521.92	6.34	-0.41	-11.17	185.02	-60.23
						127.0	-502.71	-18.23	-0.41	-11.17	193.10	-478.65
125	37	-53.75	368.95	0.03	-58.21	0.0	-293.09	37.47	-1.75	-5.59	368.95	-1324.43
		-1324.43	78.77	0.06	0.0	63.5	-266.78	3.82	-1.75	-5.59	223.86	-68.91
						127.0	-247.57	-20.75	-1.75	-5.59	78.77	-661.68
125	38	-31.81	300.38	0.05	-58.21	0.0	-524.98	40.23	-2.94	-2.16	300.38	-1509.29
		-1509.29	-5.20	0.05	0.0	63.5	-498.67	6.58	-2.94	-2.16	147.59	-78.25
						127.0	-479.46	-17.98	-2.94	-2.16	-5.20	-495.51
125	51	-47.25	757.17	0.04	-58.21	0.0	-406.12	37.73	7.14	-35.10	-116.52	-1344.23
		-1344.23	-116.52	0.01	0.0	63.5	-379.81	4.08	7.14	-35.10	320.33	-65.33
						127.0	-360.59	-20.48	7.14	-35.10	757.17	-634.72
125	54	-23.50	662.41	0.05	-58.21	0.0	-435.21	39.72	-9.29	18.34	662.41	-1470.30
		-1470.30	-485.30	0.09	0.0	63.5	-408.90	6.07	-9.29	18.34	88.55	-63.80
						127.0	-389.69	-18.49	-9.29	18.34	-485.30	-505.61
125	56	6.89	567.02	0.05	-58.21	0.0	-520.38	38.73	4.40	-28.05	-19.99	-1401.51
		-1401.51	-19.99	0.03	0.0	63.5	-494.07	5.08	4.40	-28.05	273.52	-25.74
						127.0	-474.86	-19.49	4.40	-28.05	567.02	-498.26
125	68	-4.78	213.45	0.06	-58.21	0.0	-593.65	40.43	-0.17	-12.16	142.76	-1519.60
		-1519.60	142.76	0.04	0.0	63.5	-567.34	6.78	-0.17	-12.16	178.11	-58.69
						127.0	-548.13	-17.78	-0.17	-12.16	213.45	-446.07
125	69	-59.17	403.13	0.03	-58.21	0.0	-247.68	37.02	-1.99	-4.60	403.13	-1294.94
		-1294.94	58.41	0.06	0.0	63.5	-221.36	3.37	-1.99	-4.60	230.77	-70.45
						127.0	-202.15	-21.19	-1.99	-4.60	58.41	-694.26
125	70	-28.82	310.15	0.06	-58.21	0.0	-562.12	40.77	-3.60	0.06	310.15	-1545.61
		-1545.61	-55.45	0.05	0.0	63.5	-535.81	7.12	-3.60	0.06	127.35	-83.13
						127.0	-516.60	-17.45	-3.60	0.06	-55.45	-468.94
125	79	-9.50	219.55	0.04	-46.69	0.0	-402.30	30.62	-0.87	-6.77	219.55	-1081.05
		-1081.05	108.93	0.04	0.0	63.5	-381.28	3.74	-0.87	-6.77	164.24	-27.73
						127.0	-365.79	-16.07	-0.87	-6.77	108.93	-456.79
125	83	-213.66	573.98	0.05	-122.95	0.0	-448.89	84.49	-2.25	-17.31	573.98	-3280.59
		-3280.59	287.71	0.10	0.0	63.5	-392.85	12.83	-2.25	-17.31	430.84	-298.65
						127.0	-352.74	-38.46	-2.25	-17.31	287.71	-1220.43
125	85	-275.85	698.56	0.05	-149.84	0.0	-491.73	103.41	-2.74	-21.06	698.56	-4041.76
		-4041.76	350.73	0.12	0.0	63.5	-423.34	15.95	-2.74	-21.06	524.64	-384.60
						127.0	-374.56	-46.43	-2.74	-21.06	350.73	-1484.98
125	86	-9.50	219.55	0.04	-46.69	0.0	-402.30	30.62	-0.87	-6.77	219.55	-1081.05
		-1081.05	108.93	0.04	0.0	63.5	-381.28	3.74	-0.87	-6.77	164.24	-27.73
						127.0	-365.79	-16.07	-0.87	-6.77	108.93	-456.79
125	87	-57.85	308.54	0.05	-65.90	0.0	-432.90	44.13	-1.22	-9.45	308.54	-1624.75
		-1624.75	153.94	0.06	0.0	63.5	-403.06	5.97	-1.22	-9.45	231.24	-89.13
						127.0	-381.37	-21.77	-1.22	-9.45	153.94	-645.75
125	88	-52.98	290.44	0.04	-61.94	0.0	-411.62	41.39	-1.15	-8.88	290.44	-1520.95
		-1520.95	144.69	0.05	0.0	63.5	-383.60	5.56	-1.15	-8.88	217.56	-81.91
						127.0	-363.18	-20.55	-1.15	-8.88	144.69	-609.51
125	90	-80.23	343.83	0.05	-73.47	0.0	-429.98	49.50	-1.36	-10.49	343.83	-1847.17
		-1847.17	171.69	0.06	0.0	63.5	-396.66	6.90	-1.36	-10.49	257.76	-118.75
						127.0	-372.53	-23.97	-1.36	-10.49	171.69	-722.89
125	91	-9.50	219.55	0.04	-46.69	0.0	-402.30	30.62	-0.87	-6.77	219.55	-1081.05
		-1081.05	108.93	0.04	0.0	63.5	-381.28	3.74	-0.87	-6.77	164.24	-27.73
						127.0	-365.79	-16.07	-0.87	-6.77	108.93	-456.79
125	92	-38.51	272.95	0.04	-58.21	0.0	-420.66	38.73	-1.08	-8.38	272.95	-1407.27
		-1407.27	135.93	0.05	0.0	63.5	-394.35	5.08	-1.08	-8.38	204.44	-64.57
						127.0	-375.14	-19.49	-1.08	-8.38	135.93	-570.17
126	4	8735.87	8.94	0.13	-431.56	0.0	-820.67	247.65	-0.04	-7.70	8.94	-7389.94
		-7389.94	0.0	0.04	0.0	112.6	-988.31	33.27	-0.04	-7.70	4.47	8457.42
						225.3	-1158.14	-183.91	-0.04	-7.70	0.0	0.0
126	5	1860.93	5.39	0.06	-92.67	0.0	-190.94	53.34	-0.02	-5.63	5.39	-1620.53
		-1620.53	0.0	0.02	0.0	112.6	-226.95	7.28	-0.02	-5.63	2.70	1799.15
						225.3	-263.40	-39.32	-0.02	-5.63	0.0	0.0
126	9	8714.80	7.81	0.12	-430.53	0.0	-820.12	247.07	-0.03	-7.62	7.81	-7372.88
		-7372.88	0.0	0.03	0.0	112.6	-987.37	33.19	-0.03	-7.62	3.91	8436.98
						225.3	-1156.79	-183.47	-0.03	-7.62	0.0	0.0

126	11	1.068e+04 -9016.28	8.79 0.0	0.14 0.04	-527.31 0.0	0.0 112.6 225.3	-997.82 -1202.65 -1410.16	302.53 40.60 -224.78	-0.04 -0.04 -0.04	-7.78 -7.78 -7.78	8.79 4.39 0.0	-9016.28 1.034e+04 0.0
126	23	2729.30 -2370.17	0.0 -3881.40	0.07 -0.44	-135.80 0.0	0.0 112.6 225.3	-269.74 -322.51 -375.94	78.14 10.66 -57.66	17.23 17.23 17.23	162.37 162.37 162.37	-3881.40 -1940.70 0.0	-2370.17 2638.99 0.0
126	26	2744.26 -2335.97	3892.98 0.0	0.07 0.50	-135.80 0.0	0.0 112.6 225.3	-270.45 -323.22 -376.65	77.99 10.51 -57.81	-17.28 -17.28 -17.28	-173.73 -173.73 -173.73	3892.98 1946.49 0.0	-2335.97 2656.08 0.0
126	36	2858.85 -2074.05	0.0 -888.25	0.10 -0.15	-135.80 0.0	0.0 112.6 225.3	-259.41 -312.19 -365.61	76.83 9.35 -58.97	3.94 3.94 3.94	64.29 64.29 64.29	-888.25 -444.13 0.0	-2074.05 2787.04 0.0
126	37	2614.71 -2632.09	899.83 0.0	0.04 0.20	-135.80 0.0	0.0 112.6 225.3	-280.78 -333.55 -386.97	79.31 11.82 -56.50	-3.99 -3.99 -3.99	-75.65 -75.65 -75.65	899.83 449.92 0.0	-2632.09 2508.02 0.0
126	55	2726.64 -2376.26	0.0 -5265.24	0.07 -0.61	-135.80 0.0	0.0 112.6 225.3	-269.61 -322.39 -375.81	78.17 10.69 -57.63	23.37 23.37 23.37	222.19 222.19 222.19	-5265.24 -2632.62 0.0	-2376.26 2635.94 0.0
126	58	2746.93 -2329.88	5276.82 0.0	0.07 0.66	-135.80 0.0	0.0 112.6 225.3	-270.58 -323.35 -376.77	77.97 10.48 -57.84	-23.42 -23.42 -23.42	-233.56 -233.56 -233.56	5276.82 2638.41 0.0	-2329.88 2659.13 0.0
126	68	2902.31 -1974.72	0.0 -1206.53	0.11 -0.21	-135.80 0.0	0.0 112.6 225.3	-255.61 -308.38 -361.81	76.39 8.91 -59.41	5.36 5.36 5.36	89.20 89.20 89.20	-1206.53 -603.27 0.0	-1974.72 2836.71 0.0
126	69	2571.25 -2731.42	1218.11 0.0	0.03 0.26	-135.80 0.0	0.0 112.6 225.3	-284.58 -337.35 -390.78	79.75 12.26 -56.06	-5.41 -5.41 -5.41	-100.56 -100.56 -100.56	1218.11 609.06 0.0	-2731.42 2458.36 0.0
126	79	2175.32 -1883.53	5.51 0.0	0.06 0.02	-108.15 0.0	0.0 112.6 225.3	-219.33 -261.36 -303.90	62.22 8.47 -45.93	-0.02 -0.02 -0.02	-5.64 -5.64 -5.64	5.51 2.76 0.0	-1883.53 2103.68 0.0
126	82	5904.36 -5002.43	6.62 0.0	0.09 0.03	-291.81 0.0	0.0 112.6 225.3	-557.43 -670.78 -785.61	167.48 22.52 -124.32	-0.03 -0.03 -0.03	-5.88 -5.88 -5.88	6.62 3.31 0.0	-5002.43 5715.75 0.0
126	83	5890.31 -4991.06	5.87 0.0	0.09 0.03	-291.12 0.0	0.0 112.6 225.3	-557.07 -670.16 -784.72	167.09 22.47 -124.03	-0.03 -0.03 -0.03	-5.83 -5.83 -5.83	5.87 2.93 0.0	-4991.06 5702.12 0.0
126	85	7200.39 -6086.65	6.52 0.0	0.10 0.03	-355.64 0.0	0.0 112.6 225.3	-675.53 -813.67 -953.63	204.07 27.40 -151.57	-0.03 -0.03 -0.03	-5.93 -5.93 -5.93	6.52 3.26 0.0	-6086.65 6971.12 0.0
126	86	2175.32 -1883.53	5.51 0.0	0.06 0.02	-108.15 0.0	0.0 112.6 225.3	-219.33 -261.36 -303.90	62.22 8.47 -45.93	-0.02 -0.02 -0.02	-5.64 -5.64 -5.64	5.51 2.76 0.0	-1883.53 2103.68 0.0
126	87	3111.09 -2666.10	5.98 0.0	0.07 0.03	-154.24 0.0	0.0 112.6 225.3	-303.94 -363.87 -424.55	88.63 12.00 -65.60	-0.03 -0.03 -0.03	-5.71 -5.71 -5.71	5.98 2.99 0.0	-2666.10 3010.10 0.0
126	88	2918.32 -2505.03	5.58 0.0	0.07 0.02	-144.75 0.0	0.0 112.6 225.3	-286.87 -343.12 -400.06	83.19 11.27 -61.55	-0.02 -0.02 -0.02	-5.67 -5.67 -5.67	5.58 2.79 0.0	-2505.03 2823.37 0.0
126	90	3479.78 -2974.58	5.86 0.0	0.07 0.03	-172.40 0.0	0.0 112.6 225.3	-337.64 -404.63 -472.45	99.04 13.38 -73.35	-0.03 -0.03 -0.03	-5.72 -5.72 -5.72	5.86 2.93 0.0	-2974.58 3367.22 0.0
126	91	2175.32 -1883.53	5.51 0.0	0.06 0.02	-108.15 0.0	0.0 112.6 225.3	-219.33 -261.36 -303.90	62.22 8.47 -45.93	-0.02 -0.02 -0.02	-5.64 -5.64 -5.64	5.51 2.76 0.0	-1883.53 2103.68 0.0
126	92	2736.78 -2353.07	5.79 0.0	0.07 0.03	-135.80 0.0	0.0 112.6 225.3	-270.10 -322.87 -376.29	78.07 10.58 -57.73	-0.03 -0.03 -0.03	-5.68 -5.68 -5.68	5.79 2.90 0.0	-2353.07 2647.53 0.0
127	4	174.13 -5080.49	3.66 -6.64	0.03 6.03e-03	-231.04 0.0	0.0 63.5 127.0	-663.62 -574.37 -482.96	137.39 23.26 -93.65	0.08 0.08 0.08	-1.28 -1.28 -1.28	-6.64 -1.49 3.66	-5080.49 34.61 -2185.63
127	5	44.94 -1051.58	1.83 -4.61	0.02 5.51e-03	-49.84 0.0	0.0 63.5 127.0	-154.40 -135.12 -115.42	29.18 4.53 -20.66	0.05 0.05 0.05	-0.76 -0.76 -0.76	-4.61 -1.39 1.83	-1051.58 21.38 -488.11
127	11	210.50 -6223.08	3.52 -6.65	0.02 6.23e-03	-282.20 0.0	0.0 63.5 127.0	-807.07 -698.07 -586.40	168.00 28.60 -114.20	0.08 0.08 0.08	-1.26 -1.26 -1.26	-6.65 -1.57 3.52	-6223.08 36.99 -2662.82
127	15	64.01 -1550.81	568.85 -3202.58	0.02 -0.41	-72.89 0.0	0.0 63.5 127.0	-216.22 -188.04 -159.22	42.85 6.82 -30.04	28.76 28.76 28.76	-5.23 -5.23 -5.23	-3202.58 -1316.86 568.85	-1550.81 28.26 -706.96
127	18	56.36 -1582.32	3193.12 -564.64	0.03 0.42	-72.89 0.0	0.0 63.5 127.0	-220.51 -192.34 -163.51	43.08 7.05 -29.81	-28.66 -28.66 -28.66	3.60 3.60 3.60	3193.12 1314.24 -564.64	-1582.32 16.26 -699.46
127	19	62.97 -1553.26	570.25 -3199.47	0.02 -0.41	-72.89 0.0	0.0 63.5 127.0	-216.20 -188.02 -159.20	42.87 6.84 -30.02	28.80 28.80 28.80	-5.23 -5.23 -5.23	-3199.47 -1314.61 570.25	-1553.26 27.07 -706.90
127	22	57.23 -1579.87	3190.01 -566.04	0.03 0.42	-72.89 0.0	0.0 63.5	-220.54 -192.36	43.07 7.03	-28.69 -28.69	3.59 3.59	3190.01 1311.98	-1579.87 17.45

						127.0	-163.54	-29.83	-28.69	3.59	-566.04	-699.53
127	36	11.22	203.76	0.03	-72.89	0.0	-219.48	44.08	6.71	-6.71	-272.48	-1703.35
		-1703.35	-272.48	-0.07	0.0	63.5	-191.31	8.05	6.71	-6.71	-34.36	-44.05
						127.0	-162.48	-28.81	6.71	-6.71	203.76	-699.05
127	37	116.73	263.03	0.01	-72.89	0.0	-217.25	41.85	-6.60	5.08	263.03	-1429.78
		-1429.78	-199.55	0.08	0.0	63.5	-189.08	5.82	-6.60	5.08	31.74	88.58
						127.0	-160.25	-31.04	-6.60	5.08	-199.55	-707.37
127	47	65.71	770.61	0.02	-72.89	0.0	-215.45	42.81	38.99	-6.81	-4341.01	-1545.21
		-1545.21	-4341.01	-0.55	0.0	63.5	-187.28	6.78	38.99	-6.81	-1785.20	30.40
						127.0	-158.45	-30.08	38.99	-6.81	770.61	-708.30
127	50	55.09	4331.56	0.03	-72.89	0.0	-221.28	43.13	-38.88	5.17	4331.56	-1587.93
		-1587.93	-766.40	0.56	0.0	63.5	-193.10	7.10	-38.88	5.17	1782.58	14.13
						127.0	-164.28	-29.76	-38.88	5.17	-766.40	-698.13
127	51	64.31	772.51	0.02	-72.89	0.0	-215.43	42.83	39.04	-6.80	-4336.80	-1548.53
		-1548.53	-4336.80	-0.55	0.0	63.5	-187.25	6.80	39.04	-6.80	-1782.14	28.79
						127.0	-158.43	-30.06	39.04	-6.80	772.51	-708.21
127	54	56.28	4327.34	0.03	-72.89	0.0	-221.31	43.10	-38.93	5.16	4327.34	-1584.61
		-1584.61	-768.30	0.56	0.0	63.5	-193.13	7.07	-38.93	5.16	1779.52	15.74
						127.0	-164.31	-29.79	-38.93	5.16	-768.30	-698.22
127	68	-6.11	275.54	0.04	-72.89	0.0	-219.88	44.48	9.08	-8.81	-367.81	-1752.05
		-1752.05	-367.81	-0.10	0.0	63.5	-191.70	8.45	9.08	-8.81	-46.13	-67.66
						127.0	-162.88	-28.41	9.08	-8.81	275.54	-697.57
127	69	137.20	358.35	0.01	-72.89	0.0	-216.85	41.46	-8.97	7.18	358.35	-1381.09
		-1381.09	-271.34	0.11	0.0	63.5	-188.68	5.43	-8.97	7.18	43.51	112.18
						127.0	-159.85	-31.44	-8.97	7.18	-271.34	-708.85
127	79	50.06	1.92	0.02	-58.12	0.0	-177.34	34.13	0.05	-0.77	-4.64	-1236.47
		-1236.47	-4.64	5.38e-03	0.0	63.5	-154.87	5.39	0.05	-0.77	-1.36	21.69
						127.0	-131.89	-23.99	0.05	-0.77	1.92	-565.32
127	82	118.81	2.64	0.02	-156.26	0.0	-450.77	92.84	0.06	-0.95	-5.03	-3428.60
		-3428.60	-5.03	4.82e-03	0.0	63.5	-390.40	15.65	0.06	-0.95	-1.19	25.76
						127.0	-328.58	-63.42	0.06	-0.95	2.64	-1480.99
127	85	143.06	2.54	0.02	-190.37	0.0	-546.40	113.25	0.06	-0.93	-5.03	-4190.32
		-4190.32	-5.03	4.95e-03	0.0	63.5	-472.87	19.21	0.06	-0.93	-1.25	27.35
						127.0	-397.54	-77.12	0.06	-0.93	2.54	-1799.12
127	86	50.06	1.92	0.02	-58.12	0.0	-177.34	34.13	0.05	-0.77	-4.64	-1236.47
		-1236.47	-4.64	5.38e-03	0.0	63.5	-154.87	5.39	0.05	-0.77	-1.36	21.69
						127.0	-131.89	-23.99	0.05	-0.77	1.92	-565.32
127	87	66.85	2.23	0.02	-82.74	0.0	-245.72	48.86	0.06	-0.85	-4.79	-1786.63
		-1786.63	-4.79	5.11e-03	0.0	63.5	-213.74	7.97	0.06	-0.85	-1.28	22.65
						127.0	-181.02	-33.88	0.06	-0.85	2.23	-795.14
127	90	73.78	2.14	0.02	-92.45	0.0	-273.03	54.67	0.05	-0.83	-4.77	-2003.29
		-2003.29	-4.77	5.21e-03	0.0	63.5	-237.31	8.98	0.05	-0.83	-1.31	23.13
						127.0	-200.74	-37.78	0.05	-0.83	2.14	-885.62
127	91	50.06	1.92	0.02	-58.12	0.0	-177.34	34.13	0.05	-0.77	-4.64	-1236.47
		-1236.47	-4.64	5.38e-03	0.0	63.5	-154.87	5.39	0.05	-0.77	-1.36	21.69
						127.0	-131.89	-23.99	0.05	-0.77	1.92	-565.32
127	92	59.92	2.10	0.02	-72.89	0.0	-218.37	42.97	0.05	-0.82	-4.73	-1566.57
		-1566.57	-4.73	5.22e-03	0.0	63.5	-190.19	6.94	0.05	-0.82	-1.31	22.26
						127.0	-161.37	-29.92	0.05	-0.82	2.10	-703.21
128	5	1507.31	0.0	0.02	-87.89	0.0	-355.80	53.73	0.80	25.79	-179.23	-2161.54
		-2161.54	-179.23	7.17e-03	0.0	112.6	-390.38	9.50	0.80	25.79	-89.61	1394.27
						225.3	-424.53	-34.17	0.80	25.79	0.0	0.0
128	11	8429.65	0.0	-0.06	-497.33	0.0	-718.48	305.29	4.36	143.68	-981.37	-1.249e+04
		-1.249e+04	-981.37	-0.12	0.0	112.6	-914.30	54.86	4.36	143.68	-490.68	7759.00
						225.3	-1107.38	-192.05	4.36	143.68	0.0	0.0
128	12	5867.13	0.0	-0.04	-346.31	0.0	-501.81	212.61	3.02	99.40	-680.64	-8705.69
		-8705.69	-680.64	-0.09	0.0	112.6	-638.17	38.24	3.02	99.40	-340.32	5399.18
						225.3	-772.62	-133.70	3.02	99.40	0.0	0.0
128	20	2233.00	0.0	0.03	-128.51	0.0	-489.62	78.22	2.41	30.54	-542.47	-3082.17
		-3082.17	-542.47	-0.04	0.0	112.6	-540.20	13.54	2.41	30.54	-271.23	2077.68
						225.3	-590.11	-50.29	2.41	30.54	0.0	0.0
128	21	2156.73	23.13	-0.02	-128.51	0.0	-293.76	79.12	-0.10	44.85	23.13	-3285.56
		-3285.56	0.0	8.97e-03	0.0	112.6	-344.34	14.44	-0.10	44.85	11.56	1975.98
						225.3	-394.25	-49.39	-0.10	44.85	0.0	0.0
128	27	2182.57	0.0	0.02	-128.51	0.0	-569.91	78.82	2.26	29.75	-509.35	-3216.65
		-3216.65	-509.35	-0.04	0.0	112.6	-620.49	14.14	2.26	29.75	-254.67	2010.44
						225.3	-670.40	-49.69	2.26	29.75	0.0	0.0
128	30	2207.16	0.0	0.02	-128.51	0.0	-213.47	78.53	0.04	45.64	-10.00	-3151.09
		-3151.09	-10.00	9.35e-03	0.0	112.6	-264.05	13.84	0.04	45.64	-5.00	2043.22
						225.3	-313.96	-49.98	0.04	45.64	0.0	0.0
128	44	2293.55	0.0	0.05	-128.51	0.0	-351.31	77.50	1.67	37.08	-376.56	-2920.70
		-2920.70	-376.56	-0.03	0.0	112.6	-401.89	12.82	1.67	37.08	-188.28	2158.41
						225.3	-451.80	-51.00	1.67	37.08	0.0	0.0
128	45	2096.18	0.0	-0.02	-128.51	0.0	-432.07	79.84	0.63	38.31	-142.78	-3447.03
		-3447.03	-142.78	6.40e-03	0.0	112.6	-482.65	15.16	0.63	38.31	-71.39	1895.25
						225.3	-532.56	-48.67	0.63	38.31	0.0	0.0
128	52	2246.58	0.0	0.04	-128.51	0.0	-524.49	78.06	2.85	28.00	-643.15	-3045.97

		-3045.97	-643.15	-0.05	0.0	112.6	-575.07	13.38	2.85	28.00	-321.57	2095.78
						225.3	-624.98	-50.45	2.85	28.00	0.0	0.0
128	53	2143.16	123.80	-0.02	-128.51	0.0	-258.89	79.28	-0.55	47.39	123.80	-3321.76
		-3321.76	0.0	0.02	0.0	112.6	-309.47	14.60	-0.55	47.39	61.90	1957.88
						225.3	-359.39	-49.22	-0.55	47.39	0.0	0.0
128	59	2178.20	0.0	0.02	-128.51	0.0	-633.36	78.87	2.66	26.92	-598.23	-3228.31
		-3228.31	-598.23	-0.05	0.0	112.6	-683.94	14.19	2.66	26.92	-299.12	2004.61
						225.3	-733.85	-49.64	2.66	26.92	0.0	0.0
128	62	2211.54	78.89	0.02	-128.51	0.0	-150.02	78.47	-0.35	48.47	78.89	-3139.42
		-3139.42	0.0	0.02	0.0	112.6	-200.60	13.79	-0.35	48.47	39.44	2049.05
						225.3	-250.51	-50.03	-0.35	48.47	0.0	0.0
128	76	2328.69	0.0	0.06	-128.51	0.0	-336.94	77.09	1.86	36.86	-418.17	-2827.01
		-2827.01	-418.17	-0.03	0.0	112.6	-387.52	12.41	1.86	36.86	-209.09	2205.26
						225.3	-437.43	-51.42	1.86	36.86	0.0	0.0
128	77	2061.05	0.0	-0.03	-128.51	0.0	-446.44	80.26	0.45	38.53	-101.17	-3540.72
		-3540.72	-101.17	6.50e-03	0.0	112.6	-497.02	15.57	0.45	38.53	-50.59	1848.40
						225.3	-546.93	-48.25	0.45	38.53	0.0	0.0
128	79	1754.08	0.0	0.02	-102.47	0.0	-368.88	62.68	0.92	30.05	-208.06	-2528.64
		-2528.64	-208.06	-8.17e-03	0.0	112.6	-409.20	11.11	0.92	30.05	-104.03	1621.29
						225.3	-449.01	-39.79	0.92	30.05	0.0	0.0
128	83	4660.63	0.0	-0.03	-274.75	0.0	-466.22	168.60	2.41	79.12	-542.34	-6891.41
		-6891.41	-542.34	-0.06	0.0	112.6	-574.40	30.27	2.41	79.12	-271.17	4291.23
						225.3	-681.07	-106.15	2.41	79.12	0.0	0.0
128	85	5689.13	0.0	-0.04	-335.50	0.0	-519.45	205.91	2.94	96.96	-662.76	-8420.27
		-8420.27	-662.76	-0.08	0.0	112.6	-651.55	36.98	2.94	96.96	-331.38	5237.49
						225.3	-781.80	-129.59	2.94	96.96	0.0	0.0
128	86	1754.08	0.0	0.02	-102.47	0.0	-368.88	62.68	0.92	30.05	-208.06	-2528.64
		-2528.64	-208.06	-8.17e-03	0.0	112.6	-409.20	11.11	0.92	30.05	-104.03	1621.29
						225.3	-449.01	-39.79	0.92	30.05	0.0	0.0
128	88	2335.39	0.0	0.02	-136.93	0.0	-388.35	83.87	1.22	39.87	-274.92	-3401.19
		-3401.19	-274.92	-0.02	0.0	112.6	-442.24	14.94	1.22	39.87	-137.46	2155.28
						225.3	-495.42	-53.06	1.22	39.87	0.0	0.0
128	90	2776.18	0.0	0.02	-162.96	0.0	-411.16	99.86	1.45	47.51	-326.53	-4056.42
		-4056.42	-326.53	-0.03	0.0	112.6	-475.31	17.82	1.45	47.51	-163.26	2560.82
						225.3	-538.59	-63.11	1.45	47.51	0.0	0.0
128	91	1754.08	0.0	0.02	-102.47	0.0	-368.88	62.68	0.92	30.05	-208.06	-2528.64
		-2528.64	-208.06	-8.17e-03	0.0	112.6	-409.20	11.11	0.92	30.05	-104.03	1621.29
						225.3	-449.01	-39.79	0.92	30.05	0.0	0.0
128	92	2194.87	0.0	0.02	-128.51	0.0	-391.69	78.67	1.15	37.69	-259.67	-3183.87
		-3183.87	-259.67	-0.01	0.0	112.6	-442.27	13.99	1.15	37.69	-129.84	2026.83
						225.3	-492.18	-49.84	1.15	37.69	0.0	0.0
129	4	261.82	-376.47	0.04	-183.19	0.0	-98.65	126.60	3.10	21.84	-770.27	-4376.88
		-4376.88	-770.27	-0.12	0.0	63.5	-15.33	20.04	3.10	21.84	-573.37	120.49
						127.0	44.60	-56.59	3.10	21.84	-376.47	-1198.44
129	5	102.73	-85.50	0.02	-40.47	0.0	-27.23	27.16	0.70	4.81	-174.56	-879.44
		-879.44	-174.56	-0.02	0.0	63.5	-9.12	3.99	0.70	4.81	-130.03	78.55
						127.0	4.42	-13.32	0.70	4.81	-85.50	-248.48
129	11	296.88	-457.43	0.05	-223.38	0.0	-98.06	154.83	3.76	26.64	-934.46	-5386.95
		-5386.95	-934.46	-0.14	0.0	63.5	3.66	24.74	3.76	26.64	-695.95	119.65
						127.0	76.62	-68.55	3.76	26.64	-457.43	-1466.04
129	16	164.62	351.02	0.02	-58.58	0.0	-108.59	39.69	7.32	-13.40	-557.57	-1278.66
		-1278.66	-557.57	-0.07	0.0	63.5	-82.18	5.93	7.32	-13.40	-103.27	126.21
						127.0	-62.78	-18.88	7.32	-13.40	351.02	-328.78
129	20	164.47	354.08	0.02	-58.58	0.0	-111.12	39.82	7.36	-13.51	-555.16	-1288.45
		-1288.45	-555.16	-0.07	0.0	63.5	-84.72	6.05	7.36	-13.51	-100.54	124.13
						127.0	-65.32	-18.76	7.36	-13.51	354.08	-323.15
129	21	78.92	54.25	0.01	-58.58	0.0	29.75	39.76	-5.35	27.46	54.25	-1360.55
		-1360.55	-598.91	8.24e-03	0.0	63.5	56.15	6.00	-5.35	27.46	-272.33	41.27
						127.0	75.56	-18.82	-5.35	27.46	-598.91	-416.76
129	40	149.88	76.04	0.03	-58.58	0.0	-195.49	40.85	3.66	-1.35	-301.04	-1381.85
		-1381.85	-301.04	-0.05	0.0	63.5	-169.09	7.08	3.66	-1.35	-112.50	93.78
						127.0	-149.68	-17.73	3.66	-1.35	76.04	-290.45
129	41	96.54	-199.87	8.04e-03	-58.58	0.0	114.11	38.73	-1.65	15.30	-199.87	-1267.15
		-1267.15	-320.86	-0.02	0.0	63.5	140.52	4.97	-1.65	15.30	-260.37	71.62
						127.0	159.92	-19.84	-1.65	15.30	-320.86	-449.46
129	42	127.25	-110.15	0.03	-58.58	0.0	-179.67	41.04	-1.50e-03	10.51	-110.15	-1416.97
		-1416.97	-198.89	-0.03	0.0	63.5	-153.27	7.27	-1.50e-03	10.51	-154.52	68.65
						127.0	-133.86	-17.54	-1.50e-03	10.51	-198.89	-305.58
129	48	179.90	519.57	0.02	-58.58	0.0	-132.76	39.66	9.57	-20.65	-666.90	-1262.33
		-1262.33	-666.90	-0.08	0.0	63.5	-106.35	5.90	9.57	-20.65	-73.67	141.70
						127.0	-86.95	-18.92	9.57	-20.65	519.57	-314.12
129	52	179.69	523.72	0.02	-58.58	0.0	-136.20	39.83	9.62	-20.81	-663.63	-1275.62
		-1275.62	-663.63	-0.08	0.0	63.5	-109.80	6.06	9.62	-20.81	-69.96	138.88
						127.0	-90.39	-18.75	9.62	-20.81	523.72	-306.49
129	53	63.70	162.72	0.01	-58.58	0.0	54.82	39.75	-7.61	34.75	162.72	-1373.39
		-1373.39	-768.54	0.02	0.0	63.5	81.23	5.99	-7.61	34.75	-302.91	26.53
						127.0	100.63	-18.83	-7.61	34.75	-768.54	-433.42

129	72	159.91	146.68	0.03	-58.58	0.0	-250.60	41.22	4.61	-4.32	-319.05	-1402.27
		-1402.27	-319.05	-0.05	0.0	63.5	-224.20	7.46	4.61	-4.32	-86.19	97.72
						127.0	-204.79	-17.36	4.61	-4.32	146.68	-262.14
129	73	89.55	-181.86	4.21e-03	-58.58	0.0	169.22	38.36	-2.59	18.26	-181.86	-1246.73
		-1246.73	-391.51	-0.02	0.0	63.5	195.63	4.59	-2.59	18.26	-286.69	67.68
						127.0	215.03	-20.22	-2.59	18.26	-391.51	-477.77
129	74	129.23	-60.20	0.03	-58.58	0.0	-229.15	41.48	-0.36	11.77	-60.20	-1449.89
		-1449.89	-226.11	-0.03	0.0	63.5	-202.74	7.72	-0.36	11.77	-143.15	63.65
						127.0	-183.34	-17.10	-0.36	11.77	-226.11	-282.66
129	79	109.89	-98.73	0.02	-46.97	0.0	-32.86	31.69	0.81	5.59	-201.75	-1038.81
		-1038.81	-201.75	-0.03	0.0	63.5	-11.77	4.72	0.81	5.59	-150.24	80.40
						127.0	3.87	-15.28	0.81	5.59	-98.73	-291.76
129	82	184.42	-255.33	0.03	-124.06	0.0	-66.40	85.60	2.10	14.79	-522.29	-2950.18
		-2950.18	-522.29	-0.08	0.0	63.5	-10.02	13.50	2.10	14.79	-388.81	89.81
						127.0	30.61	-38.46	2.10	14.79	-255.33	-809.01
129	85	207.80	-309.30	0.03	-150.85	0.0	-66.00	104.42	2.54	17.99	-631.75	-3623.56
		-3623.56	-631.75	-0.09	0.0	63.5	2.64	16.64	2.54	17.99	-470.52	89.25
						127.0	51.96	-46.43	2.54	17.99	-309.30	-987.41
129	86	109.89	-98.73	0.02	-46.97	0.0	-32.86	31.69	0.81	5.59	-201.75	-1038.81
		-1038.81	-201.75	-0.03	0.0	63.5	-11.77	4.72	0.81	5.59	-150.24	80.40
						127.0	3.87	-15.28	0.81	5.59	-98.73	-291.76
129	87	129.57	-138.20	0.02	-66.32	0.0	-45.91	45.19	1.14	7.90	-282.93	-1514.96
		-1514.96	-282.93	-0.04	0.0	63.5	-15.96	6.89	1.14	7.90	-210.57	84.24
						127.0	5.95	-21.13	1.14	7.90	-138.20	-422.08
129	90	135.77	-153.48	0.02	-73.94	0.0	-43.66	50.56	1.26	8.81	-313.73	-1708.13
		-1708.13	-313.73	-0.04	0.0	63.5	-10.23	7.80	1.26	8.81	-233.60	83.40
						127.0	14.15	-23.38	1.26	8.81	-153.48	-472.59
129	91	109.89	-98.73	0.02	-46.97	0.0	-32.86	31.69	0.81	5.59	-201.75	-1038.81
		-1038.81	-201.75	-0.03	0.0	63.5	-11.77	4.72	0.81	5.59	-150.24	80.40
						127.0	3.87	-15.28	0.81	5.59	-98.73	-291.76
129	92	121.70	-122.41	0.02	-58.58	0.0	-40.69	39.79	1.01	6.97	-250.46	-1324.50
		-1324.50	-250.46	-0.03	0.0	63.5	-14.28	6.02	1.01	6.97	-186.44	82.70
						127.0	5.12	-18.79	1.01	6.97	-122.41	-369.95
130	9	2.272e+04	38.90	-0.46	-589.88	0.0	332.22	282.97	-0.11	-3.96	38.90	-1.467e+04
		-1.467e+04	0.0	-0.05	0.0	180.2	163.59	59.42	-0.11	-3.96	19.45	2.188e+04
						360.3	-112.76	-306.91	-0.11	-3.96	0.0	0.0
130	11	2.777e+04	45.14	-0.56	-720.56	0.0	401.27	345.28	-0.13	-5.10	45.14	-1.795e+04
		-1.795e+04	0.0	-0.05	0.0	180.2	195.76	72.85	-0.13	-5.10	22.57	2.674e+04
						360.3	-142.30	-375.28	-0.13	-5.10	0.0	0.0
130	19	7051.35	44.26	-0.14	-186.34	0.0	136.62	90.82	-0.12	0.04	44.26	-4798.55
		-4798.55	0.0	-0.03	0.0	180.2	82.35	18.88	-0.12	0.04	22.13	6781.87
						360.3	-3.95	-95.52	-0.12	0.04	0.0	0.0
130	20	7043.72	39.19	-0.14	-186.34	0.0	154.73	90.87	-0.11	0.93	39.19	-4815.99
		-4815.99	0.0	-0.04	0.0	180.2	100.47	18.93	-0.11	0.93	19.60	6773.15
						360.3	14.16	-95.47	-0.11	0.93	0.0	0.0
130	21	7325.56	0.0	-0.14	-186.34	0.0	107.55	89.08	2.55e-03	-1.75	-0.92	-4171.79
		-4171.79	-0.92	-0.03	0.0	180.2	53.28	17.14	2.55e-03	-1.75	-0.46	7095.25
						360.3	-33.02	-97.26	2.55e-03	-1.75	0.0	0.0
130	22	7317.93	0.0	-0.14	-186.34	0.0	125.66	89.13	0.02	-0.86	-5.98	-4189.23
		-4189.23	-5.98	-0.05	0.0	180.2	71.39	17.19	0.02	-0.86	-2.99	7086.53
						360.3	-14.91	-97.21	0.02	-0.86	0.0	0.0
130	36	7135.39	5.81	-0.14	-186.34	0.0	176.09	90.29	-0.02	1.21	5.81	-4606.46
		-4606.46	0.0	-0.06	0.0	180.2	121.83	18.35	-0.02	1.21	2.91	6877.91
						360.3	35.52	-96.06	-0.02	1.21	0.0	0.0
130	37	7233.89	32.46	-0.14	-186.34	0.0	86.18	89.66	-0.09	-2.03	32.46	-4381.32
		-4381.32	0.0	-9.00e-03	0.0	180.2	31.92	17.73	-0.09	-2.03	16.23	6990.48
						360.3	-54.38	-96.68	-0.09	-2.03	0.0	0.0
130	51	7003.90	53.20	-0.14	-186.34	0.0	138.57	91.12	-0.15	0.20	53.20	-4907.01
		-4907.01	0.0	-0.02	0.0	180.2	84.30	19.18	-0.15	0.20	26.60	6727.64
						360.3	-2.00	-95.22	-0.15	0.20	0.0	0.0
130	52	6993.55	46.34	-0.14	-186.34	0.0	163.13	91.19	-0.13	1.41	46.34	-4930.66
		-4930.66	0.0	-0.05	0.0	180.2	108.87	19.25	-0.13	1.41	23.17	6715.81
						360.3	22.56	-95.16	-0.13	1.41	0.0	0.0
130	53	7375.73	0.0	-0.14	-186.34	0.0	99.15	88.76	0.02	-2.23	-8.06	-4057.12
		-4057.12	-8.06	-0.03	0.0	180.2	44.88	16.83	0.02	-2.23	-4.03	7152.58
						360.3	-41.42	-97.58	0.02	-2.23	0.0	0.0
130	54	7365.38	0.0	-0.14	-186.34	0.0	123.71	88.83	0.04	-1.02	-14.93	-4080.77
		-4080.77	-14.93	-0.05	0.0	180.2	69.44	16.89	0.04	-1.02	-7.46	7140.76
						360.3	-16.86	-97.51	0.04	-1.02	0.0	0.0
130	68	7117.86	1.07	-0.14	-186.34	0.0	192.10	90.40	-2.97e-03	1.79	1.07	-4646.53
		-4646.53	0.0	-0.07	0.0	180.2	137.83	18.46	-2.97e-03	1.79	0.54	6857.88
						360.3	51.53	-95.94	-2.97e-03	1.79	0.0	0.0
130	69	7251.42	37.20	-0.14	-186.34	0.0	70.18	89.55	-0.10	-2.61	37.20	-4341.24
		-4341.24	0.0	-4.17e-03	0.0	180.2	15.91	17.61	-0.10	-2.61	18.60	7010.52
						360.3	-70.39	-96.79	-0.10	-2.61	0.0	0.0
130	83	1.538e+04	27.63	-0.31	-399.18	0.0	227.65	191.62	-0.08	-2.52	27.63	-9900.83
		-9900.83	0.0	-0.04	0.0	180.2	113.33	40.07	-0.08	-2.52	13.81	1.481e+04

130	85	1.874e+04	31.78	-0.38	-486.30	360.3	-73.47	-207.56	-0.08	-2.52	0.0	0.0
		-1.209e+04	0.0	-0.04	0.0	0.0	273.68	233.16	-0.09	-3.28	31.78	-1.209e+04
						180.2	134.78	49.03	-0.09	-3.28	15.89	1.805e+04
130	88	7669.97	19.41	-0.15	-199.04	360.3	-93.17	-253.14	-0.09	-3.28	0.0	0.0
		-4824.35	0.0	-0.04	0.0	0.0	134.66	96.06	-0.05	-0.57	19.41	-4824.35
						180.2	76.81	19.37	-0.05	-0.57	9.71	7400.22
130	90	9111.60	21.19	-0.18	-236.38	360.3	-15.49	-102.98	-0.05	-0.57	0.0	0.0
		-5763.01	0.0	-0.04	0.0	0.0	154.39	113.86	-0.06	-0.90	21.19	-5763.01
						180.2	86.00	23.21	-0.06	-0.90	10.60	8787.16
130	91	5743.00	17.36	-0.11	-149.01	360.3	-23.93	-122.51	-0.06	-0.90	0.0	0.0
		-3555.23	0.0	-0.04	0.0	0.0	111.41	72.17	-0.05	-0.08	17.36	-3555.23
						180.2	67.68	14.20	-0.05	-0.08	8.68	5547.26
130	92	7184.64	19.14	-0.14	-186.34	360.3	-0.99	-76.83	-0.05	-0.08	0.0	0.0
		-4493.89	0.0	-0.04	0.0	0.0	131.14	89.98	-0.05	-0.41	19.14	-4493.89
						180.2	76.87	18.04	-0.05	-0.41	9.57	6934.20
131	9	2.137e+04	0.0	-0.43	-573.23	360.3	-9.43	-96.37	-0.05	-0.41	0.0	0.0
		-1.423e+04	-34.92	0.06	0.0	0.0	47.59	299.53	-0.10	0.10	0.0	0.0
						176.3	328.29	-59.96	-0.10	0.10	-17.46	2.052e+04
131	11	2.618e+04	0.0	-0.53	-701.45	352.6	495.19	-273.70	-0.10	0.10	-34.92	-1.423e+04
		-1.742e+04	-40.99	0.07	0.0	0.0	55.60	367.01	-0.12	-0.04	0.0	0.0
						176.3	399.61	-73.55	-0.12	-0.04	-20.50	2.513e+04
131	12	1.822e+04	0.0	-0.37	-488.43	352.6	603.32	-334.44	-0.12	-0.04	-40.99	-1.742e+04
		-1.214e+04	-28.84	0.05	0.0	0.0	1.23	255.37	-0.08	0.08	0.0	0.0
						176.3	240.60	-51.18	-0.08	0.08	-14.42	1.749e+04
131	19	6918.25	0.0	-0.13	-182.56	352.6	382.61	-233.05	-0.08	0.08	-28.84	-1.214e+04
		-4165.06	-44.19	0.04	0.0	0.0	215.96	95.46	-0.13	2.94	0.0	0.0
						176.3	304.32	-17.69	-0.13	2.94	-22.09	6676.50
131	20	6910.44	0.0	-0.13	-182.56	352.6	358.51	-87.09	-0.13	2.94	-44.19	-4165.06
		-4182.91	-49.97	0.06	0.0	0.0	239.13	95.41	-0.14	1.48	0.0	0.0
						176.3	327.49	-17.74	-0.14	1.48	-24.99	6667.58
131	21	6629.55	17.82	-0.12	-182.56	352.6	381.68	-87.14	-0.14	1.48	-49.97	-4182.91
		-4824.94	0.0	0.04	0.0	0.0	55.02	93.59	0.05	-1.15	0.0	0.0
						176.3	143.38	-19.57	0.05	-1.15	8.91	6346.56
131	22	6621.74	12.04	-0.12	-182.56	352.6	197.57	-88.97	0.05	-1.15	17.82	-4824.94
		-4842.78	0.0	0.05	0.0	0.0	78.19	93.54	0.03	-2.60	0.0	0.0
						176.3	166.55	-19.62	0.03	-2.60	6.02	6337.64
131	24	6884.29	0.0	-0.13	-182.56	352.6	220.74	-89.02	0.03	-2.60	12.04	-4842.78
		-4242.67	-7.82	0.06	0.0	0.0	245.57	95.24	-0.02	-0.12	0.0	0.0
						176.3	333.92	-17.91	-0.02	-0.12	-3.91	6637.70
131	25	6655.70	0.0	-0.12	-182.56	352.6	388.11	-87.31	-0.02	-0.12	-7.82	-4242.67
		-4765.17	-24.32	0.04	0.0	0.0	48.59	93.76	-0.07	0.45	0.0	0.0
						176.3	136.94	-19.40	-0.07	0.45	-12.16	6376.45
131	51	6971.03	0.0	-0.14	-182.56	352.6	191.13	-88.80	-0.07	0.45	-24.32	-4765.17
		-4044.42	-54.19	0.04	0.0	0.0	240.49	95.80	-0.15	3.92	0.0	0.0
						176.3	328.85	-17.35	-0.15	3.92	-27.10	6736.82
131	52	6960.44	0.0	-0.13	-182.56	352.6	383.04	-86.75	-0.15	3.92	-54.19	-4044.42
		-4068.62	-62.04	0.06	0.0	0.0	271.90	95.74	-0.18	1.95	0.0	0.0
						176.3	360.26	-17.42	-0.18	1.95	-31.02	6724.72
131	53	6579.55	29.89	-0.12	-182.56	352.6	414.45	-86.82	-0.18	1.95	-62.04	-4068.62
		-4939.22	0.0	0.04	0.0	0.0	22.25	93.27	0.08	-1.62	0.0	0.0
						176.3	110.61	-19.89	0.08	-1.62	14.95	6289.42
131	54	6568.96	22.04	-0.12	-182.56	352.6	164.80	-89.29	0.08	-1.62	29.89	-4939.22
		-4963.42	0.0	0.05	0.0	0.0	53.66	93.20	0.06	-3.59	0.0	0.0
						176.3	142.02	-19.96	0.06	-3.59	11.02	6277.32
131	56	6924.98	0.0	-0.13	-182.56	352.6	196.21	-89.36	0.06	-3.59	22.04	-4963.42
		-4149.66	-4.89	0.06	0.0	0.0	280.63	95.51	-0.01	-0.22	0.0	0.0
						176.3	368.99	-17.65	-0.01	-0.22	-2.44	6684.20
131	57	6615.01	0.0	-0.12	-182.56	352.6	423.18	-87.05	-0.01	-0.22	-4.89	-4149.66
		-4858.18	-27.26	0.03	0.0	0.0	13.52	93.50	-0.08	0.56	0.0	0.0
						176.3	101.88	-19.66	-0.08	0.56	-13.63	6329.94
131	83	1.446e+04	0.0	-0.29	-387.93	352.6	156.07	-89.06	-0.08	0.56	-27.26	-4858.18
		-9628.96	-24.60	0.05	0.0	0.0	50.05	202.52	-0.07	0.11	0.0	0.0
						176.3	239.81	-40.49	-0.07	0.11	-12.30	1.388e+04
131	85	1.766e+04	0.0	-0.35	-473.41	352.6	352.97	-185.41	-0.07	0.11	-24.60	-9628.96
		-1.175e+04	-28.65	0.05	0.0	0.0	55.40	247.51	-0.08	0.01	0.0	0.0
						176.3	287.35	-49.55	-0.08	0.01	-14.32	1.696e+04
131	87	7685.34	0.0	-0.15	-206.98	352.6	425.06	-225.91	-0.08	0.01	-28.65	-1.175e+04
		-5110.34	-17.23	0.05	0.0	0.0	148.60	107.35	-0.05	0.14	0.0	0.0
						176.3	249.02	-21.24	-0.05	0.14	-8.62	7385.51
131	88	7208.92	0.0	-0.14	-194.33	352.6	310.22	-99.62	-0.05	0.14	-17.23	-5110.34
		-4801.23	-16.39	0.05	0.0	0.0	125.84	100.68	-0.05	0.19	0.0	0.0
						176.3	220.01	-19.92	-0.05	0.19	-8.20	6927.90
131	90	8581.93	0.0	-0.17	-230.96	352.6	277.58	-93.64	-0.05	0.19	-16.39	-4801.23
		-5710.85	-18.13	0.05	0.0	0.0	128.13	119.96	-0.05	0.15	0.0	0.0
						176.3	240.38	-23.80	-0.05	0.15	-9.06	8245.55
131	91	5396.99	0.0	-0.10	-145.92	352.6	308.47	-111.00	-0.05	0.15	-18.13	-5710.85
						0.0	144.79	75.22	-0.04	0.21	0.0	0.0

		-3594.29	-14.34	0.05	0.0	176.3	215.06	-14.77	-0.04	0.21	-7.17	5189.42
						352.6	258.73	-70.70	-0.04	0.21	-14.34	-3594.29
131	92	6770.00	0.0	-0.13	-182.56	0.0	147.08	94.50	-0.05	0.17	0.0	0.0
		-4503.92	-16.07	0.05	0.0	176.3	235.43	-18.66	-0.05	0.17	-8.04	6507.07
						352.6	289.62	-88.05	-0.05	0.17	-16.07	-4503.92
132	1	310.75	34.80	0.04	-38.54	0.0	-138.97	17.28	0.37	-19.78	0.0	0.0
		-321.05	0.0	6.05e-03	0.0	46.9	-122.41	-4.14	0.37	-19.78	17.40	290.95
						93.7	-109.18	-21.26	0.37	-19.78	34.80	-321.05
132	5	196.28	31.37	0.03	-23.35	0.0	-78.24	10.66	0.33	-12.90	0.0	0.0
		-172.56	0.0	5.62e-03	0.0	46.9	-68.26	-2.25	0.33	-12.90	15.69	187.27
						93.7	-60.19	-12.69	0.33	-12.90	31.37	-172.56
132	11	881.96	0.0	0.03	-123.85	0.0	-534.38	52.70	-0.37	-49.72	0.0	0.0
		-1350.86	-34.47	-6.99e-03	0.0	46.9	-480.49	-17.01	-0.37	-49.72	-17.23	775.28
						93.7	-438.64	-71.15	-0.37	-49.72	-34.47	-1350.86
132	14	767.50	0.0	0.02	-108.66	0.0	-473.64	46.08	-0.40	-42.83	0.0	0.0
		-1202.36	-37.89	-7.43e-03	0.0	46.9	-426.33	-15.12	-0.40	-42.83	-18.95	671.60
						93.7	-389.65	-62.58	-0.40	-42.83	-37.89	-1202.36
132	31	244.01	10.07	0.02	-33.27	0.0	-130.21	14.25	0.11	-14.64	0.0	0.0
		-341.95	0.0	3.03e-03	0.0	46.9	-115.89	-4.28	0.11	-14.64	5.03	218.69
						93.7	-104.49	-19.02	0.11	-14.64	10.07	-341.95
132	32	277.68	32.63	0.04	-33.27	0.0	-115.44	15.21	0.35	-18.13	0.0	0.0
		-252.14	0.0	6.32e-03	0.0	46.9	-101.11	-3.32	0.35	-18.13	16.31	263.59
						93.7	-89.72	-18.06	0.35	-18.13	32.63	-252.14
132	33	249.09	15.35	0.02	-33.27	0.0	-131.13	14.39	0.16	-15.06	0.0	0.0
		-328.39	0.0	2.01e-03	0.0	46.9	-116.81	-4.14	0.16	-15.06	7.67	225.46
						93.7	-105.42	-18.88	0.16	-15.06	15.35	-328.39
132	34	282.83	37.90	0.04	-33.27	0.0	-116.36	15.35	0.40	-18.55	0.0	0.0
		-238.59	0.0	5.30e-03	0.0	46.9	-102.04	-3.18	0.40	-18.55	18.95	270.36
						93.7	-90.64	-17.92	0.40	-18.55	37.90	-238.59
132	63	237.11	5.11	0.01	-33.27	0.0	-132.67	14.05	0.05	-13.94	0.0	0.0
		-360.34	0.0	2.62e-03	0.0	46.9	-118.35	-4.48	0.05	-13.94	2.56	209.49
						93.7	-106.96	-19.22	0.05	-13.94	5.11	-360.34
132	64	282.83	35.70	0.04	-33.27	0.0	-112.64	15.35	0.38	-18.68	0.0	0.0
		-238.57	0.0	7.08e-03	0.0	46.9	-98.32	-3.18	0.38	-18.68	17.85	270.37
						93.7	-86.93	-17.92	0.38	-18.68	35.70	-238.57
132	65	244.00	12.27	0.01	-33.27	0.0	-133.92	14.25	0.13	-14.51	0.0	0.0
		-341.96	0.0	1.25e-03	0.0	46.9	-119.60	-4.28	0.13	-14.51	6.13	218.68
						93.7	-108.21	-19.02	0.13	-14.51	12.27	-341.96
132	66	290.88	42.86	0.04	-33.27	0.0	-113.89	15.55	0.46	-19.25	0.0	0.0
		-220.19	0.0	5.71e-03	0.0	46.9	-99.57	-2.98	0.46	-19.25	21.43	279.56
						93.7	-88.18	-17.72	0.46	-19.25	42.86	-220.19
132	79	220.45	28.77	0.03	-26.91	0.0	-94.44	12.15	0.31	-14.21	0.0	0.0
		-214.61	0.0	5.07e-03	0.0	46.9	-82.90	-2.78	0.31	-14.21	14.38	207.93
						93.7	-73.64	-14.76	0.31	-14.21	28.77	-214.61
132	85	601.26	0.0	0.02	-83.78	0.0	-358.04	35.76	-0.19	-34.17	0.0	0.0
		-901.15	-17.41	-3.62e-03	0.0	46.9	-321.62	-11.36	-0.19	-34.17	-8.70	530.81
						93.7	-293.28	-48.02	-0.19	-34.17	-17.41	-901.15
132	86	220.45	28.77	0.03	-26.91	0.0	-94.44	12.15	0.31	-14.21	0.0	0.0
		-214.61	0.0	5.07e-03	0.0	46.9	-82.90	-2.78	0.31	-14.21	14.38	207.93
						93.7	-73.64	-14.76	0.31	-14.21	28.77	-214.61
132	90	319.51	16.98	0.03	-41.68	0.0	-162.54	18.28	0.18	-19.47	0.0	0.0
		-392.27	0.0	2.85e-03	0.0	46.9	-144.54	-5.00	0.18	-19.47	8.49	292.02
						93.7	-130.33	-23.39	0.18	-19.47	16.98	-392.27
132	91	220.45	28.77	0.03	-26.91	0.0	-94.44	12.15	0.31	-14.21	0.0	0.0
		-214.61	0.0	5.07e-03	0.0	46.9	-82.90	-2.78	0.31	-14.21	14.38	207.93
						93.7	-73.64	-14.76	0.31	-14.21	28.77	-214.61
132	92	263.39	23.99	0.03	-33.27	0.0	-123.28	14.80	0.26	-16.60	0.0	0.0
		-290.27	0.0	4.16e-03	0.0	46.9	-108.96	-3.73	0.26	-16.60	11.99	244.52
						93.7	-97.57	-18.47	0.26	-16.60	23.99	-290.27
133	5	295.57	7.29	0.02	-29.50	0.0	-61.83	15.10	-0.07	9.56	7.29	-139.28
		-139.28	0.0	-4.65e-03	0.0	48.7	-71.39	1.97	-0.07	9.56	3.65	289.22
						97.3	-83.32	-14.40	-0.07	9.56	0.0	0.0
133	11	1444.94	0.0	0.05	-162.08	0.0	-410.69	86.32	0.75	48.29	-73.33	-1180.83
		-1180.83	-73.33	7.06e-03	0.0	48.7	-462.23	15.56	0.75	48.29	-36.66	1381.42
						97.3	-528.77	-75.76	0.75	48.29	0.0	0.0
133	31	384.94	0.0	0.02	-42.51	0.0	-107.62	22.63	0.04	12.12	-4.14	-295.00
		-295.00	-4.14	4.66e-03	0.0	48.7	-121.29	3.86	0.04	12.12	-2.07	369.62
						97.3	-138.59	-19.88	0.04	12.12	0.0	0.0
133	34	430.05	1.92	0.02	-42.51	0.0	-84.93	21.57	-0.02	14.87	1.92	-191.90
		-191.90	0.0	-0.01	0.0	48.7	-98.61	2.80	-0.02	14.87	0.96	421.17
						97.3	-115.90	-20.94	-0.02	14.87	0.0	0.0
133	35	386.48	0.0	0.02	-42.51	0.0	-106.93	22.59	0.05	12.19	-5.26	-291.49
		-291.49	-5.26	4.69e-03	0.0	48.7	-120.60	3.82	0.05	12.19	-2.63	371.38
						97.3	-137.90	-19.92	0.05	12.19	0.0	0.0
133	38	428.51	3.04	0.02	-42.51	0.0	-85.62	21.60	-0.03	14.81	3.04	-195.42
		-195.42	0.0	-0.01	0.0	48.7	-99.30	2.84	-0.03	14.81	1.52	419.41
						97.3	-116.59	-20.90	-0.03	14.81	0.0	0.0

133	63	376.91	0.0	0.02	-42.51	0.0	-111.66	22.82	0.05	11.63	-5.22	-313.36
		-313.36	-5.22	7.50e-03	0.0	48.7	-125.33	4.05	0.05	11.63	-2.61	360.44
						97.3	-142.63	-19.69	0.05	11.63	0.0	0.0
133	66	438.08	3.00	0.02	-42.51	0.0	-80.89	21.38	-0.03	15.36	3.00	-173.55
		-173.55	0.0	-0.01	0.0	48.7	-94.57	2.61	-0.03	15.36	1.50	430.35
						97.3	-111.86	-21.13	-0.03	15.36	0.0	0.0
133	67	379.00	0.0	0.02	-42.51	0.0	-110.72	22.77	0.07	11.72	-6.74	-308.59
		-308.59	-6.74	7.55e-03	0.0	48.7	-124.39	4.00	0.07	11.72	-3.37	362.83
						97.3	-141.69	-19.74	0.07	11.72	0.0	0.0
133	70	435.99	4.52	0.02	-42.51	0.0	-81.83	21.43	-0.05	15.27	4.52	-178.32
		-178.32	0.0	-0.01	0.0	48.7	-95.50	2.66	-0.05	15.27	2.26	427.96
						97.3	-112.80	-21.08	-0.05	15.27	0.0	0.0
133	79	335.81	4.22	0.02	-34.17	0.0	-74.20	17.61	-0.04	10.96	4.22	-176.53
		-176.53	0.0	-4.15e-03	0.0	48.7	-85.23	2.46	-0.04	10.96	2.11	327.41
						97.3	-99.09	-16.56	-0.04	10.96	0.0	0.0
133	85	981.24	0.0	0.03	-109.50	0.0	-275.44	58.22	0.48	32.72	-46.28	-785.93
		-785.93	-46.28	3.82e-03	0.0	48.7	-310.29	10.38	0.48	32.72	-23.14	939.14
						97.3	-355.21	-51.28	0.48	32.72	0.0	0.0
133	86	335.81	4.22	0.02	-34.17	0.0	-74.20	17.61	-0.04	10.96	4.22	-176.53
		-176.53	0.0	-4.15e-03	0.0	48.7	-85.23	2.46	-0.04	10.96	2.11	327.41
						97.3	-99.09	-16.56	-0.04	10.96	0.0	0.0
133	90	503.13	0.0	0.02	-53.68	0.0	-126.22	28.12	0.09	16.67	-8.72	-334.10
		-334.10	-8.72	-2.12e-03	0.0	48.7	-143.43	4.51	0.09	16.67	-4.36	486.02
						97.3	-165.33	-25.56	0.09	16.67	0.0	0.0
133	91	335.81	4.22	0.02	-34.17	0.0	-74.20	17.61	-0.04	10.96	4.22	-176.53
		-176.53	0.0	-4.15e-03	0.0	48.7	-85.23	2.46	-0.04	10.96	2.11	327.41
						97.3	-99.09	-16.56	-0.04	10.96	0.0	0.0
133	92	407.49	0.0	0.02	-42.51	0.0	-96.28	22.10	0.01	13.50	-1.11	-243.45
		-243.45	-1.11	-3.33e-03	0.0	48.7	-109.95	3.33	0.01	13.50	-0.56	395.40
						97.3	-127.24	-20.41	0.01	13.50	0.0	0.0
134	5	172.41	48.76	-0.03	-25.31	0.0	-118.17	10.35	0.51	9.99	0.0	0.0
		-305.37	0.0	0.02	0.0	47.5	-107.58	-3.67	0.51	9.99	24.38	147.97
						95.0	-99.05	-14.96	0.51	9.99	48.76	-305.37
134	11	963.61	131.73	-0.07	-135.59	0.0	-563.47	57.27	1.39	51.07	0.0	0.0
		-1542.35	0.0	0.04	0.0	47.5	-505.77	-19.08	1.39	51.07	65.87	839.75
						95.0	-460.99	-78.32	1.39	51.07	131.73	-1542.35
134	12	672.89	91.20	-0.05	-94.58	0.0	-394.07	39.95	0.96	35.51	0.0	0.0
		-1073.65	0.0	0.03	0.0	47.5	-353.84	-13.27	0.96	35.51	45.60	586.88
						95.0	-322.58	-54.63	0.96	35.51	91.20	-1073.65
134	24	250.31	65.71	-0.04	-36.19	0.0	-161.10	14.98	0.69	14.49	0.0	0.0
		-428.14	0.0	0.02	0.0	47.5	-145.85	-5.20	0.69	14.49	32.86	215.94
						95.0	-133.75	-21.21	0.69	14.49	65.71	-428.14
134	28	250.78	65.48	-0.04	-36.19	0.0	-160.85	14.99	0.69	14.47	0.0	0.0
		-426.90	0.0	0.02	0.0	47.5	-145.60	-5.19	0.69	14.47	32.74	216.56
						95.0	-133.50	-21.20	0.69	14.47	65.48	-426.90
134	31	257.88	55.15	-0.02	-36.19	0.0	-158.38	15.19	0.58	14.94	0.0	0.0
		-407.95	0.0	0.02	0.0	47.5	-143.12	-4.99	0.58	14.94	27.57	226.04
						95.0	-131.02	-21.00	0.58	14.94	55.15	-407.95
134	34	242.78	59.02	-0.05	-36.19	0.0	-165.19	14.77	0.62	13.23	0.0	0.0
		-448.22	0.0	0.02	0.0	47.5	-149.94	-5.41	0.62	13.23	29.51	205.90
						95.0	-137.84	-21.43	0.62	13.23	59.02	-448.22
134	35	258.08	56.56	-0.02	-36.19	0.0	-158.47	15.20	0.60	14.83	0.0	0.0
		-407.42	0.0	0.02	0.0	47.5	-143.22	-4.98	0.60	14.83	28.28	226.31
						95.0	-131.12	-21.00	0.60	14.83	56.56	-407.42
134	38	242.58	57.60	-0.05	-36.19	0.0	-165.09	14.76	0.61	13.33	0.0	0.0
		-448.75	0.0	0.02	0.0	47.5	-149.84	-5.41	0.61	13.33	28.80	205.64
						95.0	-137.74	-21.43	0.61	13.33	57.60	-448.75
134	56	250.30	68.79	-0.05	-36.19	0.0	-160.86	14.98	0.72	14.63	0.0	0.0
		-428.16	0.0	0.02	0.0	47.5	-145.61	-5.20	0.72	14.63	34.39	215.93
						95.0	-133.50	-21.21	0.72	14.63	68.79	-428.16
134	60	250.93	68.47	-0.05	-36.19	0.0	-160.52	15.00	0.72	14.60	0.0	0.0
		-426.48	0.0	0.02	0.0	47.5	-145.27	-5.18	0.72	14.60	34.24	216.78
						95.0	-133.16	-21.20	0.72	14.60	68.47	-426.48
134	63	260.57	54.46	-0.02	-36.19	0.0	-157.16	15.27	0.57	15.24	0.0	0.0
		-400.78	0.0	0.02	0.0	47.5	-141.91	-4.91	0.57	15.24	27.23	229.62
						95.0	-129.81	-20.93	0.57	15.24	54.46	-400.78
134	66	240.09	59.71	-0.05	-36.19	0.0	-166.41	14.69	0.63	12.93	0.0	0.0
		-455.39	0.0	0.02	0.0	47.5	-151.16	-5.48	0.63	12.93	29.85	202.32
						95.0	-139.05	-21.50	0.63	12.93	59.71	-455.39
134	67	260.84	56.38	-0.02	-36.19	0.0	-157.30	15.28	0.59	15.10	0.0	0.0
		-400.06	0.0	0.02	0.0	47.5	-142.05	-4.90	0.59	15.10	28.19	229.98
						95.0	-129.94	-20.92	0.59	15.10	56.38	-400.06
134	70	239.82	57.79	-0.05	-36.19	0.0	-166.27	14.69	0.61	13.07	0.0	0.0
		-456.11	0.0	0.02	0.0	47.5	-151.02	-5.49	0.61	13.07	28.89	201.96
						95.0	-138.92	-21.51	0.61	13.07	57.79	-456.11
134	79	200.52	51.45	-0.03	-29.21	0.0	-133.75	12.01	0.54	11.46	0.0	0.0
		-349.05	0.0	0.02	0.0	47.5	-121.48	-4.21	0.54	11.46	25.73	172.57

134	83	534.18	79.75	-0.04	-75.40	95.0	-111.67	-17.20	0.54	11.46	51.45	-349.05
		-861.23	0.0	0.03	0.0	0.0	-317.68	31.75	0.84	28.48	0.0	0.0
						47.5	-285.65	-10.62	0.84	28.48	39.88	465.17
134	85	650.40	92.88	-0.05	-91.68	95.0	-260.69	-43.65	0.84	28.48	79.75	-861.23
		-1045.65	0.0	0.03	0.0	0.0	-383.10	38.67	0.98	34.59	0.0	0.0
						47.5	-344.11	-12.92	0.98	34.59	46.44	566.45
134	86	200.52	51.45	-0.03	-29.21	95.0	-313.80	-53.01	0.98	34.59	92.88	-1045.65
		-349.05	0.0	0.02	0.0	0.0	-133.75	12.01	0.54	11.46	0.0	0.0
						47.5	-121.48	-4.21	0.54	11.46	25.73	172.57
134	88	267.25	57.11	-0.04	-38.45	95.0	-111.67	-17.20	0.54	11.46	51.45	-349.05
		-451.49	0.0	0.02	0.0	0.0	-170.53	15.96	0.60	14.87	0.0	0.0
						47.5	-154.32	-5.49	0.60	14.87	28.56	231.09
134	90	317.06	62.74	-0.04	-45.43	95.0	-141.47	-22.49	0.60	14.87	57.11	-451.49
		-530.52	0.0	0.02	0.0	0.0	-198.57	18.93	0.66	17.49	0.0	0.0
						47.5	-179.37	-6.48	0.66	17.49	31.37	274.49
134	91	200.52	51.45	-0.03	-29.21	95.0	-164.23	-26.50	0.66	17.49	62.74	-530.52
		-349.05	0.0	0.02	0.0	0.0	-133.75	12.01	0.54	11.46	0.0	0.0
						47.5	-121.48	-4.21	0.54	11.46	25.73	172.57
134	92	250.33	57.08	-0.04	-36.19	95.0	-111.67	-17.20	0.54	11.46	51.45	-349.05
		-428.09	0.0	0.02	0.0	0.0	-161.78	14.98	0.60	14.08	0.0	0.0
						47.5	-146.53	-5.20	0.60	14.08	28.54	215.97
135	5	167.69	52.77	2.59e-03	-24.48	95.0	-134.43	-21.21	0.60	14.08	57.08	-428.09
		-305.43	0.0	-0.01	0.0	0.0	-103.94	14.53	-0.55	-9.44	52.77	-305.43
						48.3	-111.99	3.59	-0.55	-9.44	26.39	143.09
135	8	652.56	161.29	0.02	-91.24	96.7	-121.96	-9.95	-0.55	-9.44	0.0	0.0
		-1073.19	0.0	-0.02	0.0	0.0	-341.18	52.92	-1.67	-32.30	161.29	-1073.19
						48.3	-370.56	13.00	-1.67	-32.30	80.64	565.76
135	11	938.94	227.72	0.02	-130.63	96.7	-408.35	-38.32	-1.67	-32.30	0.0	0.0
		-1524.66	0.0	-0.03	0.0	0.0	-484.34	75.61	-2.36	-45.73	227.72	-1524.66
						48.3	-526.38	18.51	-2.36	-45.73	113.86	816.00
135	16	241.03	73.89	-9.50e-04	-34.87	96.7	-580.52	-55.02	-2.36	-45.73	0.0	0.0
		-430.50	0.0	-0.02	0.0	0.0	-142.20	20.57	-0.76	-13.64	73.89	-430.50
						48.3	-153.58	5.12	-0.76	-13.64	36.94	206.06
135	35	249.48	68.25	7.25e-03	-34.87	96.7	-167.88	-14.30	-0.76	-13.64	0.0	0.0
		-407.97	0.0	-6.44e-03	0.0	0.0	-133.68	20.33	-0.71	-14.34	68.25	-407.97
						48.3	-145.05	4.88	-0.71	-14.34	34.12	217.32
135	36	233.84	71.26	-8.30e-04	-34.87	96.7	-159.35	-14.54	-0.71	-14.34	0.0	0.0
		-449.67	0.0	-0.02	0.0	0.0	-146.71	20.76	-0.74	-12.29	71.26	-449.67
						48.3	-158.09	5.31	-0.74	-12.29	35.63	196.47
135	37	251.27	68.85	0.01	-34.87	96.7	-172.38	-14.11	-0.74	-12.29	0.0	0.0
		-403.21	0.0	-7.07e-03	0.0	0.0	-135.66	20.28	-0.71	-13.90	68.85	-403.21
						48.3	-147.04	4.83	-0.71	-13.90	34.43	219.71
135	38	235.63	71.86	2.83e-03	-34.87	96.7	-161.33	-14.59	-0.71	-13.90	0.0	0.0
		-444.91	0.0	-0.02	0.0	0.0	-148.70	20.71	-0.74	-11.85	71.86	-444.91
						48.3	-160.07	5.26	-0.74	-11.85	35.93	198.86
135	48	240.49	75.25	-2.31e-03	-34.87	96.7	-174.37	-14.16	-0.74	-11.85	0.0	0.0
		-431.95	0.0	-0.02	0.0	0.0	-142.57	20.58	-0.78	-13.84	75.25	-431.95
						48.3	-153.94	5.13	-0.78	-13.84	37.63	205.33
135	67	251.95	67.60	8.04e-03	-34.87	96.7	-168.24	-14.29	-0.78	-13.84	0.0	0.0
		-401.39	0.0	-3.49e-03	0.0	0.0	-131.00	20.26	-0.70	-14.79	67.60	-401.39
						48.3	-142.38	4.81	-0.70	-14.79	33.80	220.61
135	68	230.74	71.69	-2.10e-03	-34.87	96.7	-156.67	-14.61	-0.70	-14.79	0.0	0.0
		-457.94	0.0	-0.03	0.0	0.0	-148.68	20.85	-0.74	-12.00	71.69	-457.94
						48.3	-160.05	5.40	-0.74	-12.00	35.84	192.34
135	69	254.37	68.42	0.01	-34.87	96.7	-174.35	-14.02	-0.74	-12.00	0.0	0.0
		-394.94	0.0	-4.34e-03	0.0	0.0	-133.69	20.20	-0.71	-14.19	68.42	-394.94
						48.3	-145.07	4.75	-0.71	-14.19	34.21	223.84
135	70	233.17	72.51	2.04e-03	-34.87	96.7	-159.37	-14.67	-0.71	-14.19	0.0	0.0
		-451.48	0.0	-0.03	0.0	0.0	-151.37	20.78	-0.75	-11.41	72.51	-451.48
						48.3	-162.75	5.33	-0.75	-11.41	36.25	195.57
135	79	194.72	58.96	3.44e-03	-28.21	96.7	-177.04	-14.09	-0.75	-11.41	0.0	0.0
		-348.46	0.0	-0.01	0.0	0.0	-117.22	16.68	-0.61	-10.75	58.96	-348.46
						48.3	-126.46	4.12	-0.61	-10.75	29.48	166.63
135	82	517.96	131.30	0.01	-72.71	96.7	-137.99	-11.53	-0.61	-10.75	0.0	0.0
		-860.30	0.0	-0.02	0.0	0.0	-275.38	42.27	-1.36	-25.99	131.30	-860.30
						48.3	-298.84	10.39	-1.36	-25.99	65.65	448.41
135	85	633.90	155.55	0.02	-88.36	96.7	-328.91	-30.45	-1.36	-25.99	0.0	0.0
		-1034.21	0.0	-0.02	0.0	0.0	-329.67	51.20	-1.61	-31.05	155.55	-1034.21
						48.3	-358.13	12.54	-1.61	-31.05	77.77	550.52
135	86	194.72	58.96	3.44e-03	-28.21	96.7	-394.73	-37.16	-1.61	-31.05	0.0	0.0
		-348.46	0.0	-0.01	0.0	0.0	-117.22	16.68	-0.61	-10.75	58.96	-348.46
						48.3	-126.46	4.12	-0.61	-10.75	29.48	166.63
135	87	274.45	77.46	6.11e-03	-39.31	96.7	-137.99	-11.53	-0.61	-10.75	0.0	0.0
		-478.43	0.0	-0.02	0.0	0.0	-157.17	23.09	-0.80	-14.66	77.46	-478.43
						48.3	-169.96	5.71	-0.80	-14.66	38.73	235.73
135	90	308.07	84.19	6.78e-03	-43.79	96.7	-186.11	-16.22	-0.80	-14.66	0.0	0.0
						0.0	-172.49	25.63	-0.87	-16.06	84.19	-527.20

		-527.20	0.0	-0.02	0.0	48.3	-186.72	6.31	-0.87	-16.06	42.10	265.52
						96.7	-204.73	-18.16	-0.87	-16.06	0.0	0.0
135	91	194.72	58.96	3.44e-03	-28.21	0.0	-117.22	16.68	-0.61	-10.75	58.96	-348.46
		-348.46	0.0	-0.01	0.0	48.3	-126.46	4.12	-0.61	-10.75	29.48	166.63
						96.7	-137.99	-11.53	-0.61	-10.75	0.0	0.0
135	92	242.56	70.06	5.04e-03	-34.87	0.0	-141.19	20.52	-0.72	-13.10	70.06	-426.44
		-426.44	0.0	-0.01	0.0	48.3	-152.56	5.07	-0.72	-13.10	35.03	208.09
						96.7	-166.86	-14.35	-0.72	-13.10	0.0	0.0
136	5	388.92	38.08	-0.02	-27.08	0.0	-66.78	16.00	0.40	-1.76	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-55.01	0.95	0.40	-1.76	19.04	388.26
						94.4	-45.60	-11.08	0.40	-1.76	38.08	137.20
136	7	865.31	64.85	-0.04	-65.14	0.0	-185.71	37.32	0.69	-8.59	0.0	0.0
		0.0	0.0	9.31e-03	0.0	47.2	-157.08	0.69	0.69	-8.59	32.43	865.31
						94.4	-134.78	-27.82	0.69	-8.59	64.85	193.00
136	11	1838.75	101.26	-0.07	-147.19	0.0	-454.92	82.05	1.07	-26.15	0.0	0.0
		0.0	0.0	2.53e-03	0.0	47.2	-389.97	-1.01	1.07	-26.15	50.63	1838.75
						94.4	-339.83	-65.14	1.07	-26.15	101.26	202.95
136	14	1601.22	83.87	-0.06	-129.26	0.0	-403.74	71.80	0.89	-23.92	0.0	0.0
		0.0	0.0	-8.81e-04	0.0	47.2	-346.67	-1.18	0.89	-23.92	41.93	1601.22
						94.4	-302.67	-57.46	0.89	-23.92	83.87	151.08
136	17	514.60	25.32	-0.02	-38.96	0.0	-117.71	22.17	0.27	-5.08	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-100.68	0.39	0.27	-5.08	12.66	514.60
						94.4	-87.25	-16.78	0.27	-5.08	25.32	109.61
136	27	589.98	79.82	-0.03	-38.96	0.0	-78.47	23.68	0.85	-3.02	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-61.44	1.90	0.85	-3.02	39.91	585.86
						94.4	-48.01	-15.27	0.85	-3.02	79.82	252.14
136	30	486.74	12.24	-0.03	-38.96	0.0	-129.75	21.58	0.13	-4.71	0.0	0.0
		0.0	0.0	8.14e-03	0.0	47.2	-112.72	-0.20	0.13	-4.71	6.12	486.74
						94.4	-99.29	-17.37	0.13	-4.71	12.24	53.89
136	33	558.50	46.86	-0.01	-38.96	0.0	-97.57	23.09	0.50	-4.31	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-80.54	1.31	0.50	-4.31	23.43	557.88
						94.4	-67.11	-15.87	0.50	-4.31	46.86	196.18
136	49	506.87	17.94	-0.01	-38.96	0.0	-122.55	22.01	0.19	-5.51	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-105.52	0.23	0.19	-5.51	8.97	506.87
						94.4	-92.09	-16.95	0.19	-5.51	17.94	94.15
136	59	609.83	91.85	-0.03	-38.96	0.0	-69.34	24.06	0.97	-2.71	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-52.31	2.28	0.97	-2.71	45.93	603.51
						94.4	-38.88	-14.90	0.97	-2.71	91.85	287.43
136	62	469.09	0.21	-0.03	-38.96	0.0	-138.88	21.21	2.21e-03	-5.01	0.0	0.0
		0.0	0.0	7.35e-03	0.0	47.2	-121.85	-0.57	2.21e-03	-5.01	0.10	469.09
						94.4	-108.42	-17.75	2.21e-03	-5.01	0.21	18.60
136	65	567.14	47.16	-9.69e-03	-38.96	0.0	-95.25	23.25	0.50	-4.47	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-78.22	1.47	0.50	-4.47	23.58	565.57
						94.4	-64.79	-15.70	0.50	-4.47	47.16	211.55
136	79	440.89	40.68	-0.02	-31.35	0.0	-80.32	18.37	0.43	-2.50	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-66.67	0.90	0.43	-2.50	20.34	440.89
						94.4	-55.81	-12.98	0.43	-2.50	40.68	141.85
136	81	758.92	58.52	-0.04	-56.71	0.0	-159.61	32.58	0.62	-7.05	0.0	0.0
		0.0	0.0	9.62e-03	0.0	47.2	-134.71	0.73	0.62	-7.05	29.26	758.92
						94.4	-115.27	-24.13	0.62	-7.05	58.52	179.06
136	85	1249.53	71.20	-0.05	-99.47	0.0	-304.96	55.57	0.75	-17.27	0.0	0.0
		0.0	0.0	3.24e-03	0.0	47.2	-261.10	-0.52	0.75	-17.27	35.60	1249.53
						94.4	-227.19	-43.89	0.75	-17.27	71.20	151.11
136	86	440.89	40.68	-0.02	-31.35	0.0	-80.32	18.37	0.43	-2.50	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-66.67	0.90	0.43	-2.50	20.34	440.89
						94.4	-55.81	-12.98	0.43	-2.50	40.68	141.85
136	87	599.91	49.60	-0.03	-44.03	0.0	-119.97	25.48	0.53	-4.77	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-100.69	0.82	0.53	-4.77	24.80	599.91
						94.4	-85.54	-18.55	0.53	-4.77	49.60	160.45
136	90	653.50	49.64	-0.03	-49.03	0.0	-137.94	28.08	0.53	-6.18	0.0	0.0
		0.0	0.0	9.01e-03	0.0	47.2	-116.44	0.59	0.53	-6.18	24.82	653.50
						94.4	-99.60	-20.94	0.53	-6.18	49.64	149.66
136	91	440.89	40.68	-0.02	-31.35	0.0	-80.32	18.37	0.43	-2.50	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-66.67	0.90	0.43	-2.50	20.34	440.89
						94.4	-55.81	-12.98	0.43	-2.50	40.68	141.85
136	92	536.30	46.03	-0.03	-38.96	0.0	-104.11	22.63	0.49	-3.86	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-87.08	0.85	0.49	-3.86	23.02	536.30
						94.4	-73.65	-16.32	0.49	-3.86	46.03	153.01
137	5	403.46	0.0	-1.80e-03	-27.49	0.0	-86.53	16.23	-0.22	16.74	0.0	0.0
		0.0	-20.77	0.02	0.0	48.3	-75.01	0.96	-0.22	16.74	-10.39	402.79
						96.6	-65.79	-11.26	-0.22	16.74	-20.77	141.92
137	9	1573.12	0.0	-0.03	-121.87	0.0	-483.17	68.22	-0.39	43.08	0.0	0.0
		0.0	-37.99	0.04	0.0	48.3	-431.34	-0.47	-0.39	43.08	-18.99	1573.12
						96.6	-391.22	-53.66	-0.39	43.08	-37.99	204.05
137	11	1921.49	0.0	-0.04	-148.79	0.0	-595.25	83.37	-0.47	53.07	0.0	0.0
		0.0	-44.94	0.05	0.0	48.3	-531.91	-0.59	-0.47	53.07	-22.47	1921.49
						96.6	-482.99	-65.43	-0.47	53.07	-44.94	250.83

137	12	1326.41 0.0	0.0 -29.38	-0.03 0.03	-103.72 0.0	0.0 48.3 96.6	-415.67 -371.54 -337.42	57.82 -0.67 -45.90	-0.30 -0.30 -0.30	34.49 34.49 34.49	0.0 -14.69 -29.38	0.0 1326.41 148.91
137	17	538.39 0.0	0.0 -18.51	-4.10e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-150.04 -133.39 -120.24	22.57 0.50 -16.92	-0.19 -0.19 -0.19	16.85 16.85 16.85	0.0 -9.25 -18.51	0.0 538.39 123.41
137	19	600.56 0.0	0.0 -32.97	-2.37e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-111.76 -95.11 -81.97	23.80 1.73 -15.69	-0.34 -0.34 -0.34	28.11 28.11 28.11	0.0 -16.48 -32.97	0.0 597.52 241.68
137	27	609.80 0.0	0.0 -30.42	-1.78e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-106.99 -90.34 -77.19	23.97 1.90 -15.52	-0.31 -0.31 -0.31	28.78 28.78 28.78	0.0 -15.21 -30.42	0.0 605.73 258.10
137	30	508.38 0.0	0.0 -17.17	-8.54e-03 0.03	-39.49 0.0	0.0 48.3 96.6	-166.24 -149.58 -136.44	21.95 -0.12 -17.54	-0.18 -0.18 -0.18	13.51 13.51 13.51	0.0 -8.58 -17.17	0.0 508.38 63.40
137	38	511.85 0.0	0.0 -16.40	-0.01 0.03	-39.49 0.0	0.0 48.3 96.6	-160.95 -144.30 -131.15	22.03 -0.05 -17.47	-0.17 -0.17 -0.17	15.07 15.07 15.07	0.0 -8.20 -16.40	0.0 511.85 70.34
137	43	610.97 0.0	0.0 -32.09	2.00e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-108.83 -92.17 -79.03	23.99 1.92 -15.50	-0.33 -0.33 -0.33	27.69 27.69 27.69	0.0 -16.04 -32.09	0.0 606.77 260.18
137	49	531.74 0.0	0.0 -16.62	-3.95e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-154.82 -138.17 -125.02	22.44 0.36 -17.05	-0.17 -0.17 -0.17	15.32 15.32 15.32	0.0 -8.31 -16.62	0.0 531.74 110.12
137	51	616.77 0.0	0.0 -36.23	-1.78e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-102.91 -86.26 -73.12	24.10 2.03 -15.39	-0.38 -0.38 -0.38	30.59 30.59 30.59	0.0 -18.12 -36.23	0.0 611.92 270.48
137	59	629.30 0.0	0.0 -32.77	-1.13e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-96.44 -79.79 -66.65	24.33 2.26 -15.16	-0.34 -0.34 -0.34	31.50 31.50 31.50	0.0 -16.39 -32.77	0.0 623.06 292.76
137	62	491.05 0.0	0.0 -14.81	-9.99e-03 0.03	-39.49 0.0	0.0 48.3 96.6	-176.78 -160.13 -146.99	21.59 -0.48 -17.90	-0.15 -0.15 -0.15	10.80 10.80 10.80	0.0 -7.40 -14.81	0.0 491.05 28.74
137	70	495.76 0.0	0.0 -13.77	-0.01 0.03	-39.49 0.0	0.0 48.3 96.6	-169.61 -152.96 -139.82	21.69 -0.38 -17.80	-0.14 -0.14 -0.14	12.90 12.90 12.90	0.0 -6.88 -13.77	0.0 495.76 38.16
137	75	630.88 0.0	0.0 -35.04	4.30e-03 0.02	-39.49 0.0	0.0 48.3 96.6	-98.93 -82.28 -69.14	24.36 2.29 -15.13	-0.36 -0.36 -0.36	30.01 30.01 30.01	0.0 -17.52 -35.04	0.0 624.46 295.57
137	79	457.52 0.0	0.0 -21.81	-2.69e-03 0.02	-31.80 0.0	0.0 48.3 96.6	-104.59 -91.23 -80.60	18.63 0.92 -13.16	-0.23 -0.23 -0.23	18.29 18.29 18.29	0.0 -10.90 -21.81	0.0 457.52 147.38
137	83	1073.26 0.0	0.0 -27.54	-0.02 0.03	-82.62 0.0	0.0 48.3 96.6	-324.02 -288.91 -261.68	46.36 -0.16 -36.26	-0.29 -0.29 -0.29	30.12 30.12 30.12	0.0 -13.77 -27.54	0.0 1073.26 152.04
137	85	1305.51 0.0	0.0 -32.18	-0.02 0.04	-100.56 0.0	0.0 48.3 96.6	-398.74 -355.96 -322.86	56.46 -0.24 -44.10	-0.33 -0.33 -0.33	36.78 36.78 36.78	0.0 -16.09 -32.18	0.0 1305.51 183.23
137	86	457.52 0.0	0.0 -21.81	-2.69e-03 0.02	-31.80 0.0	0.0 48.3 96.6	-104.59 -91.23 -80.60	18.63 0.92 -13.16	-0.23 -0.23 -0.23	18.29 18.29 18.29	0.0 -10.90 -21.81	0.0 457.52 147.38
137	87	623.41 0.0	0.0 -25.12	-5.84e-03 0.03	-44.62 0.0	0.0 48.3 96.6	-157.96 -139.12 -124.30	25.85 0.87 -18.77	-0.26 -0.26 -0.26	23.05 23.05 23.05	0.0 -12.56 -25.12	0.0 623.41 169.66
137	88	580.67 0.0	0.0 -22.95	-5.88e-03 0.02	-41.96 0.0	0.0 48.3 96.6	-148.48 -130.76 -116.82	24.18 0.71 -17.78	-0.24 -0.24 -0.24	20.66 20.66 20.66	0.0 -11.48 -22.95	0.0 580.67 148.31
137	90	680.20 0.0	0.0 -24.94	-7.95e-03 0.03	-49.65 0.0	0.0 48.3 96.6	-180.50 -159.50 -143.04	28.51 0.67 -21.15	-0.26 -0.26 -0.26	23.51 23.51 23.51	0.0 -12.47 -24.94	0.0 680.20 161.68
137	91	457.52 0.0	0.0 -21.81	-2.69e-03 0.02	-31.80 0.0	0.0 48.3 96.6	-104.59 -91.23 -80.60	18.63 0.92 -13.16	-0.23 -0.23 -0.23	18.29 18.29 18.29	0.0 -10.90 -21.81	0.0 457.52 147.38
137	92	557.05 0.0	0.0 -23.79	-4.52e-03 0.03	-39.49 0.0	0.0 48.3 96.6	-136.61 -119.96 -106.82	22.96 0.89 -16.53	-0.25 -0.25 -0.25	21.15 21.15 21.15	0.0 -11.90 -23.79	0.0 557.05 160.75
138	5	164.66 -328.61	0.0 -5.31	3.27e-03 7.23e-03	-25.46 0.0	0.0 47.4 94.7	-104.80 -113.61 -124.60	15.27 3.93 -10.19	0.06 0.06 0.06	4.13 4.13 4.13	-5.31 -2.66 0.0	-328.61 137.26 0.0
138	7	413.47 -732.74	0.0 -6.23	0.01 0.01	-60.73 0.0	0.0 47.4 94.7	-224.65 -245.34 -271.87	35.59 8.99 -25.14	0.07 0.07 0.07	14.39 14.39 14.39	-6.23 -3.12 0.0	-732.74 352.91 0.0
138	11	976.82 -1534.83	0.0 -18.62	0.02 0.02	-136.89 0.0	0.0 47.4 94.7	-479.96 -526.36 -586.40	78.80 19.12 -58.09	0.20 0.20 0.20	36.66 36.66 36.66	-18.62 -9.31 0.0	-1534.83 853.84 0.0
138	15	232.56 -480.64	4.77 0.0	9.23e-03 3.06e-03	-36.47 0.0	0.0 47.4	-148.00 -160.52	21.88 5.78	-0.05 -0.05	7.01 7.01	4.77 2.38	-480.64 191.58

138	18	252.70	0.0	1.66e-03	-36.47	94.7	-176.36	-14.58	-0.05	7.01	0.0	0.0
		-426.94	-15.97	0.01	0.0	0.0	-136.14	21.32	0.17	7.70	-15.97	-426.94
138	20	234.20	11.58	1.59e-03	-36.47	47.4	-148.65	5.22	0.17	7.70	-7.99	218.43
		-476.28	0.0	8.31e-03	0.0	94.7	-164.49	-15.15	0.17	7.70	0.0	0.0
138	21	251.07	0.0	9.30e-03	-36.47	0.0	-144.16	21.84	-0.12	8.57	11.58	-476.28
		-431.30	-22.79	8.74e-03	0.0	47.4	-156.67	5.74	-0.12	8.57	5.79	193.76
138	43	237.40	0.0	0.02	-36.47	94.7	-172.51	-14.63	-0.12	8.57	0.0	0.0
		-467.75	-15.70	0.01	0.0	0.0	-139.98	21.36	0.24	6.14	-22.79	-431.30
138	46	247.86	4.49	-6.30e-03	-36.47	47.4	-152.50	5.26	0.24	6.14	-11.40	216.25
		-439.83	0.0	4.13e-03	0.0	94.7	-168.34	-15.10	0.24	6.14	0.0	0.0
138	47	228.98	8.46	0.01	-36.47	0.0	-150.33	21.75	0.17	4.49	-15.70	-467.75
		-490.20	0.0	1.11e-03	0.0	47.4	-162.85	5.65	0.17	4.49	-7.85	198.02
138	50	256.28	0.0	-6.34e-04	-36.47	94.7	-178.68	-14.72	0.17	4.49	0.0	0.0
		-417.38	-19.67	0.02	0.0	0.0	-133.81	21.45	-0.05	10.21	4.49	-439.83
138	52	231.19	17.70	-6.19e-04	-36.47	47.4	-146.32	5.35	-0.05	10.21	2.24	211.98
		-484.29	0.0	8.24e-03	0.0	94.7	-162.16	-15.01	-0.05	10.21	0.0	0.0
138	53	254.07	0.0	0.01	-36.47	0.0	-150.11	21.98	-0.09	6.88	8.46	-490.20
		-423.29	-28.91	8.81e-03	0.0	47.4	-162.63	5.88	-0.09	6.88	4.23	186.80
138	75	235.53	0.0	0.02	-36.47	94.7	-178.47	-14.48	-0.09	6.88	0.0	0.0
		-472.72	-19.29	0.01	0.0	0.0	-134.02	21.22	0.21	7.82	-19.67	-417.38
138	78	249.73	8.08	-0.01	-36.47	47.4	-146.54	5.12	0.21	7.82	-9.83	223.21
		-434.86	0.0	2.56e-03	0.0	94.7	-162.38	-15.25	0.21	7.82	0.0	0.0
138	79	192.87	0.0	4.09e-03	-29.41	0.0	-144.90	21.92	-0.19	9.00	17.70	-484.29
		-372.97	-5.42	7.66e-03	0.0	47.4	-157.42	5.82	-0.19	9.00	8.85	189.75
138	81	358.74	0.0	8.60e-03	-52.92	94.7	-173.25	-14.54	-0.19	9.00	0.0	0.0
		-642.38	-6.03	0.01	0.0	0.0	-139.24	21.28	0.31	5.70	-28.91	-423.29
138	85	658.13	0.0	0.02	-92.55	47.4	-151.76	5.18	0.31	5.70	-14.46	220.25
		-1043.38	-13.07	0.02	0.0	94.7	-167.59	-15.19	0.31	5.70	0.0	0.0
138	86	192.87	0.0	4.09e-03	-29.41	0.0	-153.27	21.80	0.20	3.47	-19.29	-472.72
		-372.97	-5.42	7.66e-03	0.0	47.4	-165.79	5.70	0.20	3.47	-9.65	195.54
138	87	275.80	0.0	6.35e-03	-41.17	94.7	-181.63	-14.67	0.20	3.47	0.0	0.0
		-507.67	-5.73	9.10e-03	0.0	0.0	-130.87	21.40	-0.09	11.23	8.08	-434.86
138	90	312.46	0.0	7.02e-03	-45.80	47.4	-143.38	5.30	-0.09	11.23	4.04	214.47
		-550.16	-7.05	9.86e-03	0.0	94.7	-159.22	-15.07	-0.09	11.23	0.0	0.0
138	91	192.87	0.0	4.09e-03	-29.41	0.0	-118.10	17.53	0.06	5.30	-5.42	-372.97
		-372.97	-5.42	7.66e-03	0.0	47.4	-128.24	4.49	0.06	5.30	-2.71	161.87
138	92	242.63	0.0	5.45e-03	-36.47	94.7	-140.97	-11.88	0.06	5.30	0.0	0.0
		-453.79	-5.60	8.53e-03	0.0	0.0	-198.00	31.08	0.06	12.14	-6.03	-642.38
139	5	168.79	0.0	3.08e-03	-23.91	47.4	-216.06	7.86	0.06	12.14	-3.02	305.64
		-283.15	-46.55	8.90e-03	0.0	94.7	-239.15	-21.84	0.06	12.14	0.0	0.0
139	11	977.93	0.0	-0.01	-126.41	0.0	-326.85	53.36	0.14	24.37	-13.07	-1043.38
		-1281.14	-195.91	2.20e-03	0.0	47.4	-358.25	12.98	0.14	24.37	-6.53	574.40
139	15	237.78	0.0	1.74e-03	-34.03	94.7	-398.81	-39.19	0.14	24.37	0.0	0.0
		-410.75	-64.84	6.39e-03	0.0	0.0	-118.10	17.53	0.06	5.30	-5.42	-372.97
139	16	239.79	0.0	5.93e-04	-34.03	47.4	-128.24	4.49	0.06	5.30	-2.71	161.87
		-405.39	-66.03	0.01	0.0	94.7	-140.97	-11.88	0.06	5.30	0.0	0.0
139	18	255.59	0.0	2.81e-03	-34.03	0.0	-158.05	24.31	0.06	8.72	-5.73	-507.67
		-363.27	-59.33	9.81e-03	0.0	47.4	-172.15	6.17	0.06	8.72	-2.86	233.76
139	40	247.23	0.0	-5.54e-04	-34.03	94.7	-190.06	-16.86	0.06	8.72	0.0	0.0
		-385.55	-64.32	0.01	0.0	0.0	-172.63	26.87	0.07	10.21	-7.05	-550.16
139	41	246.14	0.0	4.00e-03	-34.03	47.4	-188.29	6.73	0.07	10.21	-3.52	267.38
						94.7	-208.25	-18.93	0.07	10.21	0.0	0.0
						0.0	-118.10	17.53	0.06	5.30	-5.42	-372.97
						47.4	-128.24	4.49	0.06	5.30	-2.71	161.87
						94.7	-140.97	-11.88	0.06	5.30	0.0	0.0
						0.0	-142.07	21.60	0.06	7.35	-5.60	-453.79
						47.4	-154.59	5.50	0.06	7.35	-2.80	205.00
						94.7	-170.42	-14.87	0.06	7.35	0.0	0.0
						0.0	-104.70	9.87	-0.48	-7.54	0.0	0.0
						48.2	-94.69	-3.37	-0.48	-7.54	-23.28	146.57
						96.4	-86.61	-14.04	-0.48	-7.54	-46.55	-283.15
						0.0	-520.32	55.28	-2.03	-36.99	0.0	0.0
						48.2	-466.42	-15.97	-2.03	-36.99	-97.95	882.65
						96.4	-424.70	-71.12	-2.03	-36.99	-195.91	-1281.14
						0.0	-147.31	14.06	-0.67	-8.00	0.0	0.0
						48.2	-132.95	-4.91	-0.67	-8.00	-32.42	204.68
						96.4	-121.57	-19.97	-0.67	-8.00	-64.84	-410.75
						0.0	-142.06	14.12	-0.68	-8.85	0.0	0.0
						48.2	-127.70	-4.86	-0.68	-8.85	-33.02	207.36
						96.4	-116.31	-19.91	-0.68	-8.85	-66.03	-405.39
						0.0	-144.29	14.55	-0.62	-12.44	0.0	0.0
						48.2	-129.93	-4.42	-0.62	-12.44	-29.66	228.42
						96.4	-118.55	-19.47	-0.62	-12.44	-59.33	-363.27
						0.0	-135.93	14.32	-0.67	-11.08	0.0	0.0
						48.2	-121.58	-4.65	-0.67	-11.08	-32.16	217.28
						96.4	-110.19	-19.71	-0.67	-11.08	-64.32	-385.55
						0.0	-155.66	14.29	-0.62	-9.36	0.0	0.0

		-388.47	-59.84	1.95e-03	0.0	48.2	-141.31	-4.68	-0.62	-9.36	-29.92	215.82
						96.4	-129.92	-19.74	-0.62	-9.36	-59.84	-388.47
139	47	234.62	0.0	1.55e-03	-34.03	0.0	-147.85	13.97	-0.68	-7.21	0.0	0.0
		-419.20	-65.82	5.79e-03	0.0	48.2	-133.49	-5.00	-0.68	-7.21	-32.91	200.45
						96.4	-122.10	-20.05	-0.68	-7.21	-65.82	-419.20
139	48	237.34	0.0	-7.57e-04	-34.03	0.0	-140.72	14.05	-0.70	-8.36	0.0	0.0
		-411.94	-67.44	0.01	0.0	48.2	-126.37	-4.93	-0.70	-8.36	-33.72	204.09
						96.4	-114.98	-19.98	-0.70	-8.36	-67.44	-411.94
139	50	258.76	0.0	3.00e-03	-34.03	0.0	-143.75	14.64	-0.61	-13.23	0.0	0.0
		-354.81	-58.35	0.01	0.0	48.2	-129.40	-4.33	-0.61	-13.23	-29.17	232.65
						96.4	-118.01	-19.39	-0.61	-13.23	-58.35	-354.81
139	72	247.43	0.0	-8.12e-04	-34.03	0.0	-132.42	14.33	-0.68	-11.39	0.0	0.0
		-385.03	-65.12	0.02	0.0	48.2	-118.06	-4.65	-0.68	-11.39	-32.56	217.54
						96.4	-106.68	-19.70	-0.68	-11.39	-65.12	-385.03
139	73	245.95	0.0	4.62e-03	-34.03	0.0	-159.18	14.29	-0.61	-9.05	0.0	0.0
		-388.99	-59.04	3.63e-04	0.0	48.2	-144.82	-4.69	-0.61	-9.05	-29.52	215.56
						96.4	-133.43	-19.74	-0.61	-9.05	-59.04	-388.99
139	79	196.94	0.0	2.79e-03	-27.54	0.0	-119.41	11.47	-0.54	-8.53	0.0	0.0
		-319.93	-52.04	8.55e-03	0.0	48.2	-107.84	-3.83	-0.54	-8.53	-26.02	171.94
						96.4	-98.58	-16.07	-0.54	-8.53	-52.04	-319.93
139	85	659.44	0.0	-7.55e-03	-85.52	0.0	-353.00	37.32	-1.39	-25.14	0.0	0.0
		-872.23	-133.88	2.43e-03	0.0	48.2	-316.55	-10.85	-1.39	-25.14	-66.94	594.44
						96.4	-288.30	-48.20	-1.39	-25.14	-133.88	-872.23
139	86	196.94	0.0	2.79e-03	-27.54	0.0	-119.41	11.47	-0.54	-8.53	0.0	0.0
		-319.93	-52.04	8.55e-03	0.0	48.2	-107.84	-3.83	-0.54	-8.53	-26.02	171.94
						96.4	-98.58	-16.07	-0.54	-8.53	-52.04	-319.93
139	90	315.97	0.0	-7.96e-04	-42.60	0.0	-180.20	18.15	-0.77	-12.75	0.0	0.0
		-466.17	-73.77	6.97e-03	0.0	48.2	-162.17	-5.68	-0.77	-12.75	-36.88	280.23
						96.4	-147.98	-24.44	-0.77	-12.75	-73.77	-466.17
139	91	196.94	0.0	2.79e-03	-27.54	0.0	-119.41	11.47	-0.54	-8.53	0.0	0.0
		-319.93	-52.04	8.55e-03	0.0	48.2	-107.84	-3.83	-0.54	-8.53	-26.02	171.94
						96.4	-98.58	-16.07	-0.54	-8.53	-52.04	-319.93
139	92	246.69	0.0	2.27e-03	-34.03	0.0	-145.80	14.31	-0.64	-10.22	0.0	0.0
		-387.01	-62.08	8.10e-03	0.0	48.2	-131.44	-4.67	-0.64	-10.22	-31.04	216.55
						96.4	-120.06	-19.72	-0.64	-10.22	-62.08	-387.01
140	5	70.94	0.08	-0.02	-23.12	0.0	535.58	16.43	-6.92e-04	-0.26	0.08	-917.26
		-917.26	0.0	-2.30e-03	0.0	60.0	531.55	9.03	-6.92e-04	-0.26	0.04	-111.88
						120.0	523.01	-6.68	-6.92e-04	-0.26	0.0	0.0
140	11	394.69	0.0	-8.37e-03	-113.11	0.0	1501.10	76.38	0.04	0.09	-4.88	-4472.02
		-4472.02	-4.88	-5.51e-03	0.0	60.0	1484.58	45.99	0.04	0.09	-2.44	-539.34
						120.0	1439.62	-36.73	0.04	0.09	0.0	0.0
140	15	106.52	5.32	-0.02	-31.88	0.0	580.35	22.08	-0.04	-0.23	5.32	-1243.95
		-1243.95	0.0	3.99e-04	0.0	60.0	575.14	12.48	-0.04	-0.23	2.66	-143.71
						120.0	563.02	-9.81	-0.04	-0.23	0.0	0.0
140	18	95.33	0.0	-0.02	-31.88	0.0	680.90	22.58	0.05	-0.30	-5.84	-1303.61
		-1303.61	-5.84	-5.73e-03	0.0	60.0	675.68	12.98	0.05	-0.30	-2.92	-173.54
						120.0	663.57	-9.31	0.05	-0.30	0.0	0.0
140	31	112.11	4.82	-7.43e-03	-31.88	0.0	538.27	21.83	-0.04	-0.34	4.82	-1214.17
		-1214.17	0.0	2.96e-03	0.0	60.0	533.05	12.23	-0.04	-0.34	2.41	-128.82
						120.0	520.94	-10.05	-0.04	-0.34	0.0	0.0
140	34	89.75	0.0	-0.03	-31.88	0.0	722.98	22.82	0.04	-0.19	-5.35	-1333.40
		-1333.40	-5.35	-8.29e-03	0.0	60.0	717.77	13.23	0.04	-0.19	-2.67	-188.44
						120.0	705.65	-9.06	0.04	-0.19	0.0	0.0
140	36	89.53	0.0	-0.04	-31.88	0.0	711.43	22.83	0.03	-0.22	-3.50	-1334.56
		-1334.56	-3.50	-6.86e-03	0.0	60.0	706.21	13.24	0.03	-0.22	-1.75	-189.02
						120.0	694.10	-9.05	0.03	-0.22	0.0	0.0
140	37	112.32	2.98	-4.74e-03	-31.88	0.0	549.83	21.82	-0.02	-0.31	2.98	-1213.00
		-1213.00	0.0	1.53e-03	0.0	60.0	544.61	12.22	-0.02	-0.31	1.49	-128.24
						120.0	532.50	-10.06	-0.02	-0.31	0.0	0.0
140	47	108.51	7.30	-0.02	-31.88	0.0	562.46	21.99	-0.06	-0.22	7.30	-1233.33
		-1233.33	0.0	1.49e-03	0.0	60.0	557.24	12.39	-0.06	-0.22	3.65	-138.40
						120.0	545.13	-9.89	-0.06	-0.22	0.0	0.0
140	50	93.34	0.0	-0.02	-31.88	0.0	698.80	22.66	0.07	-0.31	-7.83	-1314.23
		-1314.23	-7.83	-6.83e-03	0.0	60.0	693.58	13.07	0.07	-0.31	-3.91	-178.85
						120.0	681.47	-9.22	0.07	-0.31	0.0	0.0
140	63	116.08	6.63	-2.54e-03	-31.88	0.0	505.39	21.65	-0.06	-0.37	6.63	-1192.94
		-1192.94	0.0	4.96e-03	0.0	60.0	500.17	12.06	-0.06	-0.37	3.32	-118.21
						120.0	488.06	-10.23	-0.06	-0.37	0.0	0.0
140	66	85.77	0.0	-0.04	-31.88	0.0	755.86	23.00	0.06	-0.16	-7.16	-1354.62
		-1354.62	-7.16	-0.01	0.0	60.0	750.65	13.40	0.06	-0.16	-3.58	-199.05
						120.0	738.53	-8.88	0.06	-0.16	0.0	0.0
140	68	85.47	0.0	-0.04	-31.88	0.0	740.19	23.01	0.04	-0.21	-4.66	-1356.20
		-1356.20	-4.66	-8.36e-03	0.0	60.0	734.98	13.42	0.04	-0.21	-2.33	-199.84
						120.0	722.86	-8.87	0.04	-0.21	0.0	0.0
140	69	116.38	4.13	1.11e-03	-31.88	0.0	521.06	21.64	-0.03	-0.32	4.13	-1191.37
		-1191.37	0.0	3.02e-03	0.0	60.0	515.84	12.04	-0.03	-0.32	2.06	-117.42
						120.0	503.73	-10.24	-0.03	-0.32	0.0	0.0

140	79	81.90	0.0	-0.02	-26.26	0.0	568.94	18.54	1.26e-03	-0.26	-0.15	-1044.21
		-1044.21	-0.15	-2.41e-03	0.0	60.0	564.48	10.35	1.26e-03	-0.26	-0.08	-128.15
						120.0	554.66	-7.72	1.26e-03	-0.26	0.0	0.0
140	83	222.34	0.0	-0.01	-63.70	0.0	910.41	43.15	0.02	0.04	-2.85	-2500.28
		-2500.28	-2.85	-3.32e-03	0.0	60.0	900.87	25.60	0.02	0.04	-1.43	-294.67
						120.0	875.78	-20.55	0.02	0.04	0.0	0.0
140	85	266.74	0.0	-9.07e-03	-76.81	0.0	1054.35	51.99	0.03	0.02	-3.12	-3035.94
		-3035.94	-3.12	-3.92e-03	0.0	60.0	1043.03	31.16	0.03	0.02	-1.56	-365.80
						120.0	1012.60	-24.82	0.03	0.02	0.0	0.0
140	86	81.90	0.0	-0.02	-26.26	0.0	568.94	18.54	1.26e-03	-0.26	-0.15	-1044.21
		-1044.21	-0.15	-2.41e-03	0.0	60.0	564.48	10.35	1.26e-03	-0.26	-0.08	-128.15
						120.0	554.66	-7.72	1.26e-03	-0.26	0.0	0.0
140	88	109.99	0.0	-0.02	-33.75	0.0	637.23	23.46	5.76e-03	-0.20	-0.69	-1335.43
		-1335.43	-0.69	-2.59e-03	0.0	60.0	631.76	13.40	5.76e-03	-0.20	-0.35	-161.45
						120.0	618.88	-10.29	5.76e-03	-0.20	0.0	0.0
140	90	129.02	0.0	-0.02	-39.37	0.0	698.92	27.25	6.70e-03	-0.21	-0.80	-1564.99
		-1564.99	-0.80	-2.85e-03	0.0	60.0	692.69	15.78	6.70e-03	-0.21	-0.40	-191.93
						120.0	677.52	-12.12	6.70e-03	-0.21	0.0	0.0
140	91	81.90	0.0	-0.02	-26.26	0.0	568.94	18.54	1.26e-03	-0.26	-0.15	-1044.21
		-1044.21	-0.15	-2.41e-03	0.0	60.0	564.48	10.35	1.26e-03	-0.26	-0.08	-128.15
						120.0	554.66	-7.72	1.26e-03	-0.26	0.0	0.0
140	92	100.93	0.0	-0.02	-31.88	0.0	630.63	22.33	2.19e-03	-0.27	-0.26	-1273.78
		-1273.78	-0.26	-2.67e-03	0.0	60.0	625.41	12.73	2.19e-03	-0.27	-0.13	-158.63
						120.0	613.30	-9.56	2.19e-03	-0.27	0.0	0.0
141	5	55.46	2.50	0.04	-23.56	0.0	80.94	17.48	-0.02	0.10	2.50	-1025.70
		-1025.70	0.0	3.41e-04	0.0	60.0	76.85	9.97	-0.02	0.10	1.25	-159.51
						120.0	68.13	-6.07	-0.02	0.10	0.0	0.0
141	11	343.39	46.87	0.08	-115.85	0.0	828.21	80.92	-0.39	0.63	46.87	-4907.16
		-4907.16	0.0	9.17e-04	0.0	60.0	811.32	49.84	-0.39	0.63	23.43	-715.77
						120.0	765.24	-34.93	-0.39	0.63	0.0	0.0
141	12	244.68	33.16	0.06	-81.17	0.0	569.04	56.56	-0.28	0.32	33.16	-3410.20
		-3410.20	0.0	-4.32e-04	0.0	60.0	557.12	34.64	-0.28	0.32	16.58	-487.59
						120.0	524.92	-24.61	-0.28	0.32	0.0	0.0
141	19	70.51	9.01	0.03	-32.55	0.0	191.32	24.33	-0.08	0.14	9.01	-1486.86
		-1486.86	0.0	8.61e-04	0.0	60.0	186.01	14.56	-0.08	0.14	4.51	-255.11
						120.0	173.62	-8.23	-0.08	0.14	0.0	0.0
141	22	96.14	4.55	0.05	-32.55	0.0	124.07	23.09	-0.04	0.24	4.55	-1338.82
		-1338.82	0.0	2.91e-04	0.0	60.0	118.76	13.33	-0.04	0.24	2.27	-181.09
						120.0	106.37	-9.46	-0.04	0.24	0.0	0.0
141	25	89.58	9.52	0.04	-32.55	0.0	155.04	23.38	-0.08	0.33	9.52	-1373.78
		-1373.78	0.0	2.88e-03	0.0	60.0	149.73	13.62	-0.08	0.33	4.76	-198.57
						120.0	137.34	-9.17	-0.08	0.33	0.0	0.0
141	31	72.48	8.15	0.03	-32.55	0.0	203.77	24.20	-0.07	0.22	8.15	-1471.15
		-1471.15	0.0	6.57e-03	0.0	60.0	198.46	14.43	-0.07	0.22	4.07	-247.25
						120.0	186.07	-8.36	-0.07	0.22	0.0	0.0
141	34	93.19	5.41	0.05	-32.55	0.0	111.62	23.22	-0.05	0.15	5.41	-1354.53
		-1354.53	0.0	-5.42e-03	0.0	60.0	106.31	13.46	-0.05	0.15	2.71	-188.95
						120.0	93.92	-9.33	-0.05	0.15	0.0	0.0
141	37	77.67	8.30	0.03	-32.55	0.0	192.11	23.91	-0.07	0.29	8.30	-1437.32
		-1437.32	0.0	7.18e-03	0.0	60.0	186.80	14.15	-0.07	0.29	4.15	-230.34
						120.0	174.41	-8.64	-0.07	0.29	0.0	0.0
141	51	67.22	9.81	0.03	-32.55	0.0	203.29	24.55	-0.08	0.12	9.81	-1513.21
		-1513.21	0.0	9.63e-04	0.0	60.0	197.98	14.78	-0.08	0.12	4.90	-268.28
						120.0	185.59	-8.01	-0.08	0.12	0.0	0.0
141	54	101.08	3.76	0.05	-32.55	0.0	112.10	22.87	-0.03	0.26	3.76	-1312.47
		-1312.47	0.0	1.89e-04	0.0	60.0	106.79	13.11	-0.03	0.26	1.88	-167.92
						120.0	94.40	-9.68	-0.03	0.26	0.0	0.0
141	57	92.19	10.49	0.04	-32.55	0.0	154.09	23.27	-0.09	0.38	10.49	-1359.88
		-1359.88	0.0	3.71e-03	0.0	60.0	148.78	13.50	-0.09	0.38	5.25	-191.62
						120.0	136.40	-9.29	-0.09	0.38	0.0	0.0
141	63	69.88	8.64	0.02	-32.55	0.0	220.17	24.37	-0.07	0.24	8.64	-1491.91
		-1491.91	0.0	8.70e-03	0.0	60.0	214.86	14.60	-0.07	0.24	4.32	-257.63
						120.0	202.47	-8.19	-0.07	0.24	0.0	0.0
141	66	97.09	4.93	0.06	-32.55	0.0	95.22	23.05	-0.04	0.14	4.93	-1333.77
		-1333.77	0.0	-7.55e-03	0.0	60.0	89.91	13.28	-0.04	0.14	2.46	-178.57
						120.0	77.52	-9.50	-0.04	0.14	0.0	0.0
141	69	76.04	8.84	0.03	-32.55	0.0	204.36	23.99	-0.07	0.32	8.84	-1446.04
		-1446.04	0.0	9.54e-03	0.0	60.0	199.05	14.22	-0.07	0.32	4.42	-234.70
						120.0	186.67	-8.57	-0.07	0.32	0.0	0.0
141	79	65.24	4.19	0.04	-26.79	0.0	109.06	19.71	-0.03	0.13	4.19	-1163.82
		-1163.82	0.0	4.07e-04	0.0	60.0	104.53	11.39	-0.03	0.13	2.09	-180.12
						120.0	94.50	-7.07	-0.03	0.13	0.0	0.0
141	83	191.39	24.63	0.05	-65.19	0.0	434.46	45.76	-0.21	0.27	24.63	-2753.49
		-2753.49	0.0	-2.56e-04	0.0	60.0	424.71	27.84	-0.21	0.27	12.31	-398.83
						120.0	399.02	-19.43	-0.21	0.27	0.0	0.0
141	85	231.11	30.68	0.06	-78.65	0.0	547.94	55.09	-0.26	0.42	30.68	-3334.53
		-3334.53	0.0	6.22e-04	0.0	60.0	536.36	33.80	-0.26	0.42	15.34	-487.46

						120.0	505.18	-23.56	-0.26	0.42	0.0	0.0
141	86	65.24	4.19	0.04	-26.79	0.0	109.06	19.71	-0.03	0.13	4.19	-1163.82
		-1163.82	0.0	4.07e-04	0.0	60.0	104.53	11.39	-0.03	0.13	2.09	-180.12
						120.0	94.50	-7.07	-0.03	0.13	0.0	0.0
141	88	90.47	8.28	0.04	-34.47	0.0	174.14	24.92	-0.07	0.16	8.28	-1481.75
		-1481.75	0.0	3.71e-04	0.0	60.0	168.57	14.68	-0.07	0.16	4.14	-223.86
						120.0	155.40	-9.55	-0.07	0.16	0.0	0.0
141	90	107.49	10.87	0.04	-40.24	0.0	222.77	28.92	-0.09	0.22	10.87	-1730.77
		-1730.77	0.0	5.40e-04	0.0	60.0	216.42	17.23	-0.09	0.22	5.43	-261.84
						120.0	200.90	-11.32	-0.09	0.22	0.0	0.0
141	91	65.24	4.19	0.04	-26.79	0.0	109.06	19.71	-0.03	0.13	4.19	-1163.82
		-1163.82	0.0	4.07e-04	0.0	60.0	104.53	11.39	-0.03	0.13	2.09	-180.12
						120.0	94.50	-7.07	-0.03	0.13	0.0	0.0
141	92	82.26	6.78	0.04	-32.55	0.0	157.69	23.71	-0.06	0.19	6.78	-1412.84
		-1412.84	0.0	5.76e-04	0.0	60.0	152.38	13.94	-0.06	0.19	3.39	-218.10
						120.0	140.00	-8.84	-0.06	0.19	0.0	0.0
142	5	537.74	0.63	-8.51e-03	-33.78	0.0	335.00	20.92	-0.79	4.54	0.63	-155.68
		-175.22	-128.34	0.02	0.0	81.9	347.81	-2.20	-0.79	4.54	-63.86	526.38
						163.9	353.72	-12.85	-0.79	4.54	-128.34	-175.22
142	11	2676.43	43.72	-0.06	-167.96	0.0	734.92	118.02	-3.06	39.54	43.72	-1416.22
		-1416.22	-457.85	0.03	0.0	81.9	803.13	-5.08	-3.06	39.54	-207.07	2676.43
						163.9	827.99	-49.94	-3.06	39.54	-457.85	-111.42
142	24	710.62	19.09	-0.02	-46.94	0.0	526.20	29.22	-1.43	6.57	19.09	-225.08
		-322.57	-215.45	0.03	0.0	81.9	544.48	-3.77	-1.43	6.57	-98.18	687.55
						163.9	552.21	-17.71	-1.43	6.57	-215.45	-322.57
142	27	701.69	14.23	-6.85e-03	-46.94	0.0	584.67	28.21	-1.37	6.23	14.23	-161.64
		-425.38	-215.86	0.03	0.0	81.9	602.95	-4.78	-1.37	6.23	-100.82	667.86
						163.9	610.68	-18.73	-1.37	6.23	-215.86	-425.38
142	30	847.29	-6.64	-0.02	-46.94	0.0	151.92	32.49	-0.66	9.35	-6.64	-333.72
		-333.72	-110.34	0.02	0.0	81.9	170.20	-0.50	-0.66	9.35	-58.49	847.29
						163.9	177.93	-14.44	-0.66	9.35	-110.34	105.55
142	56	689.81	24.54	-0.02	-46.94	0.0	582.41	28.82	-1.57	6.14	24.54	-217.03
		-380.47	-234.08	0.03	0.0	81.9	600.69	-4.17	-1.57	6.14	-104.77	662.62
						163.9	608.42	-18.12	-1.57	6.14	-234.08	-380.47
142	59	685.39	17.94	-5.25e-03	-46.94	0.0	661.70	27.45	-1.50	5.68	17.94	-131.01
		-519.89	-234.64	0.03	0.0	81.9	679.98	-5.54	-1.50	5.68	-108.35	635.92
						163.9	687.71	-19.49	-1.50	5.68	-234.64	-519.89
142	62	879.23	-10.36	-0.02	-46.94	0.0	74.90	33.26	-0.54	9.90	-10.36	-364.34
		-364.34	-91.56	0.02	0.0	81.9	93.18	0.27	-0.54	9.90	-50.96	879.23
						163.9	100.90	-13.68	-0.54	9.90	-91.56	200.06
142	79	618.64	1.62	-9.92e-03	-38.50	0.0	347.12	24.33	-0.87	5.70	1.62	-192.44
		-192.44	-140.75	0.02	0.0	81.9	361.89	-2.33	-0.87	5.70	-69.56	607.46
						163.9	368.45	-14.17	-0.87	5.70	-140.75	-169.82
142	85	1811.23	28.70	-0.04	-113.96	0.0	528.15	79.65	-2.10	26.35	28.70	-945.30
		-945.30	-315.73	0.02	0.0	81.9	574.28	-3.60	-2.10	26.35	-143.52	1811.23
						163.9	591.30	-34.31	-2.10	26.35	-315.73	-100.52
142	86	618.64	1.62	-9.92e-03	-38.50	0.0	347.12	24.33	-0.87	5.70	1.62	-192.44
		-192.44	-140.75	0.02	0.0	81.9	361.89	-2.33	-0.87	5.70	-69.56	607.46
						163.9	368.45	-14.17	-0.87	5.70	-140.75	-169.82
142	90	937.19	8.19	-0.02	-58.09	0.0	394.62	38.61	-1.20	10.94	8.19	-372.47
		-372.47	-187.67	0.02	0.0	81.9	417.54	-2.75	-1.20	10.94	-89.74	928.28
						163.9	426.81	-19.48	-1.20	10.94	-187.67	-150.68
142	91	618.64	1.62	-9.92e-03	-38.50	0.0	347.12	24.33	-0.87	5.70	1.62	-192.44
		-192.44	-140.75	0.02	0.0	81.9	361.89	-2.33	-0.87	5.70	-69.56	607.46
						163.9	368.45	-14.17	-0.87	5.70	-140.75	-169.82
142	92	769.07	3.79	-0.01	-46.94	0.0	368.30	30.35	-1.02	7.79	3.79	-247.68
		-247.68	-163.10	0.02	0.0	81.9	386.58	-2.64	-1.02	7.79	-79.65	757.58
						163.9	394.31	-16.58	-1.02	7.79	-163.10	-159.92
143	5	626.79	135.44	-7.14e-03	-30.90	0.0	-59.16	29.78	1.22	-3.79	-65.10	-1129.40
		-1129.40	-65.10	0.01	0.0	81.9	-47.54	8.82	1.22	-3.79	35.17	376.99
						163.9	-42.04	-1.11	1.22	-3.79	135.44	617.71
143	11	2824.74	544.90	-0.08	-149.88	0.0	218.60	149.73	5.01	-35.73	-275.82	-5650.71
		-5650.71	-275.82	0.01	0.0	81.9	279.29	40.19	5.01	-35.73	134.54	1657.02
						163.9	301.65	-0.16	5.01	-35.73	544.90	2824.74
143	20	854.18	233.78	-0.01	-42.53	0.0	26.63	41.97	2.14	-5.42	-116.86	-1636.96
		-1636.96	-116.86	0.01	0.0	81.9	43.08	12.29	2.14	-5.42	58.46	479.13
						163.9	50.20	-0.56	2.14	-5.42	233.78	852.76
143	43	943.35	154.44	-0.03	-42.53	0.0	-166.73	41.47	1.38	-6.23	-71.74	-1465.99
		-1465.99	-71.74	0.01	0.0	81.9	-150.28	11.79	1.38	-6.23	41.35	606.47
						163.9	-143.16	-1.06	1.38	-6.23	154.44	936.48
143	44	782.32	217.84	-2.10e-03	-42.53	0.0	118.96	42.03	2.01	-7.31	-112.14	-1710.26
		-1710.26	-112.14	0.02	0.0	81.9	135.41	12.34	2.01	-7.31	52.85	406.59
						163.9	142.53	-0.51	2.01	-7.31	217.84	780.99
143	45	928.78	142.47	-0.03	-42.53	0.0	-184.05	41.41	1.27	-6.47	-64.75	-1451.98
		-1451.98	-64.75	9.59e-03	0.0	81.9	-167.60	11.72	1.27	-6.47	38.86	605.00
						163.9	-160.48	-1.12	1.27	-6.47	142.47	919.52
143	52	853.77	252.88	-9.60e-03	-42.53	0.0	47.69	42.07	2.32	-4.89	-126.97	-1656.83

		-1656.83	-126.97	0.01	0.0	81.9	64.14	12.38	2.32	-4.89	62.95	469.64
						163.9	71.26	-0.47	2.32	-4.89	252.88	853.65
143	75	974.69	145.28	-0.04	-42.53	0.0	-214.50	41.39	1.29	-5.99	-65.80	-1425.00
		-1425.00	-65.80	0.01	0.0	81.9	-198.04	11.70	1.29	-5.99	39.74	642.31
						163.9	-190.93	-1.15	1.29	-5.99	145.28	967.17
143	76	756.33	231.25	6.16e-03	-42.53	0.0	172.90	42.14	2.15	-7.46	-120.58	-1756.24
		-1756.24	-120.58	0.02	0.0	81.9	189.35	12.45	2.15	-7.46	55.34	371.28
						163.9	196.47	-0.40	2.15	-7.46	231.25	756.33
143	77	956.10	129.05	-0.03	-42.53	0.0	-237.99	41.30	1.13	-6.32	-56.31	-1406.01
		-1406.01	-56.31	8.58e-03	0.0	81.9	-221.53	11.61	1.13	-6.32	36.37	640.31
						163.9	-214.42	-1.23	1.13	-6.32	129.05	944.18
143	79	707.74	151.55	-9.48e-03	-35.07	0.0	-48.61	34.06	1.37	-4.90	-73.37	-1291.47
		-1291.47	-73.37	0.01	0.0	81.9	-35.26	9.97	1.37	-4.90	39.09	422.97
						163.9	-29.18	-1.01	1.37	-4.90	151.55	700.59
143	85	1921.32	372.74	-0.05	-101.81	0.0	132.22	101.51	3.42	-23.73	-188.15	-3831.29
		-3831.29	-188.15	0.01	0.0	81.9	173.31	27.36	3.42	-23.73	92.29	1130.42
						163.9	188.64	-0.31	3.42	-23.73	372.74	1921.32
143	86	707.74	151.55	-9.48e-03	-35.07	0.0	-48.61	34.06	1.37	-4.90	-73.37	-1291.47
		-1291.47	-73.37	0.01	0.0	81.9	-35.26	9.97	1.37	-4.90	39.09	422.97
						163.9	-29.18	-1.01	1.37	-4.90	151.55	700.59
143	90	1028.98	211.04	-0.02	-52.40	0.0	-3.88	51.64	1.92	-9.73	-104.37	-1953.91
		-1953.91	-104.37	0.01	0.0	81.9	16.67	14.55	1.92	-9.73	53.34	608.63
						163.9	25.16	-0.77	1.92	-9.73	211.04	1024.56
143	91	707.74	151.55	-9.48e-03	-35.07	0.0	-48.61	34.06	1.37	-4.90	-73.37	-1291.47
		-1291.47	-73.37	0.01	0.0	81.9	-35.26	9.97	1.37	-4.90	39.09	422.97
						163.9	-29.18	-1.01	1.37	-4.90	151.55	700.59
143	92	855.32	180.15	-0.01	-42.53	0.0	-32.54	41.72	1.64	-6.89	-88.45	-1581.12
		-1581.12	-88.45	0.01	0.0	81.9	-16.09	12.03	1.64	-6.89	45.85	505.79
						163.9	-8.98	-0.82	1.64	-6.89	180.15	850.25
181	1	1435.62	14.75	0.10	-55.17	0.0	-883.35	14.83	-0.10	2.16	14.75	802.53
		0.0	0.0	5.66e-03	0.0	75.0	-891.65	-1.65	-0.10	2.16	7.37	1435.62
						150.0	-911.15	-40.34	-0.10	2.16	0.0	0.0
181	5	1040.65	11.61	0.07	-33.86	0.0	-628.25	7.51	-0.08	1.55	11.61	772.80
		0.0	0.0	3.38e-03	0.0	75.0	-633.56	-3.02	-0.08	1.55	5.80	1021.21
						150.0	-645.32	-26.34	-0.08	1.55	0.0	0.0
181	7	1472.20	10.43	0.12	-77.15	0.0	-888.51	27.17	-0.07	2.12	10.43	-10.77
		-10.77	0.0	8.38e-03	0.0	75.0	-899.27	5.81	-0.07	2.12	5.22	1441.15
						150.0	-927.39	-49.98	-0.07	2.12	0.0	0.0
181	11	2792.58	10.24	0.26	-174.30	0.0	-1589.57	68.97	-0.07	3.80	10.24	-1362.19
		-1362.19	0.0	0.02	0.0	75.0	-1612.89	22.71	-0.07	3.80	5.12	2586.99
						150.0	-1677.42	-105.33	-0.07	3.80	0.0	0.0
181	14	2379.28	7.10	0.22	-152.99	0.0	-1334.48	61.65	-0.05	3.19	7.10	-1391.92
		-1391.92	0.0	0.01	0.0	75.0	-1354.80	21.34	-0.05	3.19	3.55	2172.58
						150.0	-1411.59	-91.34	-0.05	3.19	0.0	0.0
181	19	1069.94	8.94	0.07	-47.36	0.0	-818.90	14.74	-0.06	2.60	8.94	363.75
		0.0	0.0	3.06e-03	0.0	75.0	-825.91	0.83	-0.06	2.60	4.47	1069.94
						150.0	-842.77	-32.62	-0.06	2.60	0.0	0.0
181	22	1234.40	13.50	0.11	-47.36	0.0	-599.63	12.55	-0.09	0.85	13.50	692.67
		0.0	0.0	6.80e-03	0.0	75.0	-606.64	-1.36	-0.09	0.85	6.75	1234.40
						150.0	-623.51	-34.82	-0.09	0.85	0.0	0.0
181	25	1200.77	19.53	0.10	-47.36	0.0	-641.77	13.00	-0.13	0.52	19.53	625.41
		0.0	0.0	0.02	0.0	75.0	-648.78	-0.91	-0.13	0.52	9.76	1200.77
						150.0	-665.64	-34.37	-0.13	0.52	0.0	0.0
181	31	1063.65	16.21	0.06	-47.36	0.0	-787.66	14.82	-0.11	1.38	16.21	351.17
		0.0	0.0	0.02	0.0	75.0	-794.68	0.92	-0.11	1.38	8.10	1063.65
						150.0	-811.54	-32.54	-0.11	1.38	0.0	0.0
181	36	1200.97	3.28	0.10	-47.36	0.0	-682.93	12.99	-0.02	2.69	3.28	625.81
		0.0	0.0	-0.02	0.0	75.0	-689.94	-0.91	-0.02	2.69	1.64	1200.97
						150.0	-706.80	-34.37	-0.02	2.69	0.0	0.0
181	38	1243.05	7.18	0.11	-47.36	0.0	-633.21	12.44	-0.05	2.09	7.18	709.20
		0.0	0.0	-0.01	0.0	75.0	-640.22	-1.47	-0.05	2.09	3.59	1242.67
						150.0	-657.09	-34.93	-0.05	2.09	0.0	0.0
181	51	1040.67	8.13	0.06	-47.36	0.0	-857.93	15.13	-0.05	2.91	8.13	305.21
		0.0	0.0	2.39e-03	0.0	75.0	-864.94	1.22	-0.05	2.91	4.07	1040.67
						150.0	-881.80	-32.23	-0.05	2.91	0.0	0.0
181	54	1266.69	14.31	0.11	-47.36	0.0	-560.60	12.16	-0.10	0.53	14.31	751.22
		0.0	0.0	7.47e-03	0.0	75.0	-567.61	-1.75	-0.10	0.53	7.16	1263.68
						150.0	-584.48	-35.21	-0.10	0.53	0.0	0.0
181	56	1086.27	0.0	0.07	-47.36	0.0	-800.80	14.52	2.56e-04	3.35	-0.04	396.41
		0.0	-0.04	-0.02	0.0	75.0	-807.81	0.61	2.56e-04	3.35	-0.02	1086.27
						150.0	-824.67	-32.84	2.56e-04	3.35	0.0	0.0
181	57	1218.07	22.49	0.10	-47.36	0.0	-617.74	12.77	-0.15	0.09	22.49	660.01
		0.0	0.0	0.03	0.0	75.0	-624.75	-1.14	-0.15	0.09	11.24	1218.07
						150.0	-641.61	-34.60	-0.15	0.09	0.0	0.0
181	63	1032.14	17.98	0.06	-47.36	0.0	-815.57	15.25	-0.12	1.26	17.98	288.15
		0.0	0.0	0.03	0.0	75.0	-822.58	1.34	-0.12	1.26	8.99	1032.14
						150.0	-839.45	-32.12	-0.12	1.26	0.0	0.0

181	70	1279.30 0.0	5.74 0.0	0.12 -0.02	-47.36 0.0	0.0 75.0 150.0	-606.14 -613.15 -630.01	12.01 -1.90 -35.36	-0.04 -0.04 -0.04	2.22 2.22 2.22	5.74 2.87 0.0	773.64 1274.89 0.0
181	79	1076.25 0.0	11.46 0.0	0.08 3.93e-03	-38.71 0.0	0.0 75.0 150.0	-657.22 -663.14 -676.73	9.71 -2.03 -28.99	-0.08 -0.08 -0.08	1.61 1.61 1.61	11.46 5.73 0.0	684.92 1068.18 0.0
181	81	1363.80 0.0	10.68 0.0	0.11 7.26e-03	-67.57 0.0	0.0 75.0 150.0	-830.72 -840.28 -864.78	22.82 3.86 -44.75	-0.07 -0.07 -0.07	1.99 1.99 1.99	10.68 5.34 0.0	162.55 1348.15 0.0
181	85	1953.04 -758.22	8.45 0.0	0.18 0.01	-118.13 0.0	0.0 75.0 150.0	-1128.03 -1143.96 -1187.57	45.81 14.21 -72.32	-0.06 -0.06 -0.06	2.71 2.71 2.71	8.45 4.23 0.0	-758.22 1835.77 0.0
181	86	1076.25 0.0	11.46 0.0	0.08 3.93e-03	-38.71 0.0	0.0 75.0 150.0	-657.22 -663.14 -676.73	9.71 -2.03 -28.99	-0.08 -0.08 -0.08	1.61 1.61 1.61	11.46 5.73 0.0	684.92 1068.18 0.0
181	87	1208.17 0.0	11.07 0.0	0.09 5.60e-03	-53.14 0.0	0.0 75.0 150.0	-743.97 -751.71 -770.75	16.27 0.91 -36.87	-0.07 -0.07 -0.07	1.80 1.80 1.80	11.07 5.53 0.0	423.74 1208.17 0.0
181	90	1268.78 0.0	10.73 0.0	0.10 5.98e-03	-59.21 0.0	0.0 75.0 150.0	-779.14 -787.64 -808.98	19.03 2.16 -40.18	-0.07 -0.07 -0.07	1.89 1.89 1.89	10.73 5.37 0.0	312.71 1266.49 0.0
181	91	1076.25 0.0	11.46 0.0	0.08 3.93e-03	-38.71 0.0	0.0 75.0 150.0	-657.22 -663.14 -676.73	9.71 -2.03 -28.99	-0.08 -0.08 -0.08	1.61 1.61 1.61	11.46 5.73 0.0	684.92 1068.18 0.0
181	92	1152.17 0.0	11.22 0.0	0.09 4.93e-03	-47.36 0.0	0.0 75.0 150.0	-709.27 -716.28 -733.14	13.64 -0.26 -33.72	-0.07 -0.07 -0.07	1.72 1.72 1.72	11.22 5.61 0.0	528.21 1152.17 0.0
182	5	2367.55 0.0	0.0 0.0	-0.05 -3.80e-03	-80.83 0.0	0.0 112.8 225.5	-249.06 -275.94 -310.98	37.06 1.97 -43.77	0.0 0.0 0.0	2.86 2.86 2.86	0.0 0.0 0.0	0.0 2367.55 0.0
182	11	1.331e+04 0.0	0.0 0.0	-0.12 -0.05	-452.50 0.0	0.0 112.8 225.5	-1350.38 -1498.11 -1697.04	205.19 12.36 -247.30	0.0 0.0 0.0	27.17 27.17 27.17	0.0 0.0 0.0	0.0 1.331e+04 0.0
182	12	9273.11 0.0	0.0 0.0	-0.09 -0.03	-315.19 0.0	0.0 112.8 225.5	-944.83 -1047.80 -1186.31	142.98 8.58 -172.21	0.0 0.0 0.0	19.10 19.10 19.10	0.0 0.0 0.0	0.0 9273.11 0.0
182	15	3452.89 0.0	0.0 0.0	-0.05 -4.81e-03	-117.66 0.0	0.0 112.8 225.5	-337.00 -375.84 -427.14	53.71 3.01 -63.96	0.0 0.0 0.0	4.87 4.87 4.87	0.0 0.0 0.0	0.0 3452.89 0.0
182	17	3452.89 0.0	0.0 0.0	-0.05 -0.01	-117.66 0.0	0.0 112.8 225.5	-374.77 -413.61 -464.91	53.71 3.01 -63.96	0.0 0.0 0.0	5.99 5.99 5.99	0.0 0.0 0.0	0.0 3452.89 0.0
182	18	3452.89 0.0	0.0 0.0	-0.06 -0.01	-117.66 0.0	0.0 112.8 225.5	-376.77 -415.61 -466.91	53.71 3.01 -63.96	0.0 0.0 0.0	5.56 5.56 5.56	0.0 0.0 0.0	0.0 3452.89 0.0
182	28	3452.89 0.0	0.0 0.0	-0.07 -2.17e-03	-117.66 0.0	0.0 112.8 225.5	-344.31 -383.15 -434.45	53.71 3.01 -63.96	0.0 0.0 0.0	4.02 4.02 4.02	0.0 0.0 0.0	0.0 3452.89 0.0
182	36	3452.89 0.0	0.0 0.0	-0.08 -8.13e-03	-117.66 0.0	0.0 112.8 225.5	-356.14 -394.99 -446.29	53.71 3.01 -63.96	0.0 0.0 0.0	4.20 4.20 4.20	0.0 0.0 0.0	0.0 3452.89 0.0
182	39	3452.89 0.0	0.0 0.0	-0.04 -2.53e-03	-117.66 0.0	0.0 112.8 225.5	-348.00 -386.84 -438.14	53.71 3.01 -63.96	0.0 0.0 0.0	5.64 5.64 5.64	0.0 0.0 0.0	0.0 3452.89 0.0
182	47	3452.89 0.0	0.0 0.0	-0.05 -3.28e-03	-117.66 0.0	0.0 112.8 225.5	-329.92 -368.76 -420.06	53.71 3.01 -63.96	0.0 0.0 0.0	4.75 4.75 4.75	0.0 0.0 0.0	0.0 3452.89 0.0
182	48	3452.89 0.0	0.0 0.0	-0.07 -4.59e-03	-117.66 0.0	0.0 112.8 225.5	-332.63 -371.47 -422.77	53.71 3.01 -63.96	0.0 0.0 0.0	4.18 4.18 4.18	0.0 0.0 0.0	0.0 3452.89 0.0
182	49	3452.89 0.0	0.0 0.0	-0.05 -0.01	-117.66 0.0	0.0 112.8 225.5	-381.14 -419.98 -471.28	53.71 3.01 -63.96	0.0 0.0 0.0	6.26 6.26 6.26	0.0 0.0 0.0	0.0 3452.89 0.0
182	50	3452.89 0.0	0.0 0.0	-0.06 -0.01	-117.66 0.0	0.0 112.8 225.5	-383.84 -422.69 -473.99	53.71 3.01 -63.96	0.0 0.0 0.0	5.68 5.68 5.68	0.0 0.0 0.0	0.0 3452.89 0.0
182	68	3452.89 0.0	0.0 0.0	-0.09 -7.79e-03	-117.66 0.0	0.0 112.8 225.5	-355.88 -394.72 -446.02	53.71 3.01 -63.96	0.0 0.0 0.0	3.84 3.84 3.84	0.0 0.0 0.0	0.0 3452.89 0.0
182	77	3452.89 0.0	0.0 0.0	-0.04 -5.22e-03	-117.66 0.0	0.0 112.8 225.5	-358.03 -396.87 -448.17	53.71 3.01 -63.96	0.0 0.0 0.0	6.44 6.44 6.44	0.0 0.0 0.0	0.0 3452.89 0.0
182	79	2757.16 0.0	0.0 0.0	-0.05 -5.66e-03	-94.05 0.0	0.0 112.8 225.5	-287.85 -319.03 -359.91	43.04 2.34 -51.01	0.0 0.0 0.0	3.72 3.72 3.72	0.0 0.0 0.0	0.0 2757.16 0.0
182	85	8984.24 0.0	0.0 0.0	-0.09 -0.03	-305.39 0.0	0.0 112.8	-912.77 -1012.55	138.55 8.31	0.0 0.0	18.04 18.04	0.0 0.0	0.0 8984.24

						225.5	-1146.73	-166.84	0.0	18.04	0.0	0.0
182	86	2757.16	0.0	-0.05	-94.05	0.0	-287.85	43.04	0.0	3.72	0.0	0.0
		0.0	0.0	-5.66e-03	0.0	112.8	-319.03	2.34	0.0	3.72	0.0	2757.16
						225.5	-359.91	-51.01	0.0	3.72	0.0	0.0
182	87	3916.71	0.0	-0.06	-133.41	0.0	-402.90	60.82	0.0	6.22	0.0	0.0
		0.0	0.0	-0.01	0.0	112.8	-446.86	3.45	0.0	6.22	0.0	3916.71
						225.5	-505.11	-72.58	0.0	6.22	0.0	0.0
182	90	4373.63	0.0	-0.06	-148.91	0.0	-449.65	67.83	0.0	7.38	0.0	0.0
		0.0	0.0	-0.01	0.0	112.8	-498.64	3.89	0.0	7.38	0.0	4373.63
						225.5	-563.74	-81.08	0.0	7.38	0.0	0.0
182	91	2757.16	0.0	-0.05	-94.05	0.0	-287.85	43.04	0.0	3.72	0.0	0.0
		0.0	0.0	-5.66e-03	0.0	112.8	-319.03	2.34	0.0	3.72	0.0	2757.16
						225.5	-359.91	-51.01	0.0	3.72	0.0	0.0
182	92	3452.89	0.0	-0.06	-117.66	0.0	-356.88	53.71	0.0	5.22	0.0	0.0
		0.0	0.0	-9.08e-03	0.0	112.8	-395.72	3.01	0.0	5.22	0.0	3452.89
						225.5	-447.03	-63.96	0.0	5.22	0.0	0.0
183	1	3753.99	0.0	0.08	-125.12	0.0	-348.12	57.84	0.0	-13.21	0.0	0.0
		0.0	0.0	-0.04	0.0	114.6	-389.14	2.91	0.0	-13.21	0.0	3753.99
						229.2	-441.56	-67.28	0.0	-13.21	0.0	0.0
183	4	1.027e+04	0.0	0.16	-340.83	0.0	-945.57	156.48	0.0	-35.30	0.0	0.0
		0.0	0.0	-0.07	0.0	114.6	-1056.01	8.59	0.0	-35.30	0.0	1.027e+04
						229.2	-1200.10	-184.36	0.0	-35.30	0.0	0.0
183	5	2244.19	0.0	0.05	-74.92	0.0	-208.69	34.74	0.0	-7.96	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-233.39	1.67	0.0	-7.96	0.0	2244.19
						229.2	-264.65	-40.18	0.0	-7.96	0.0	0.0
183	11	1.255e+04	0.0	0.18	-416.69	0.0	-1156.33	191.16	0.0	-43.07	0.0	0.0
		0.0	0.0	-0.08	0.0	114.6	-1291.18	10.59	0.0	-43.07	0.0	1.255e+04
						229.2	-1467.51	-225.53	0.0	-43.07	0.0	0.0
183	16	3257.40	0.0	0.06	-108.49	0.0	-298.70	50.09	0.0	-11.44	0.0	0.0
		0.0	0.0	-0.04	0.0	114.6	-334.20	2.56	0.0	-11.44	0.0	3257.40
						229.2	-379.72	-58.40	0.0	-11.44	0.0	0.0
183	31	3257.40	0.0	0.06	-108.49	0.0	-289.95	50.09	0.0	-12.83	0.0	0.0
		0.0	0.0	-0.01	0.0	114.6	-325.45	2.56	0.0	-12.83	0.0	3257.40
						229.2	-370.97	-58.40	0.0	-12.83	0.0	0.0
183	34	3257.40	0.0	0.07	-108.49	0.0	-313.21	50.09	0.0	-9.99	0.0	0.0
		0.0	0.0	-0.05	0.0	114.6	-348.71	2.56	0.0	-9.99	0.0	3257.40
						229.2	-394.24	-58.40	0.0	-9.99	0.0	0.0
183	42	3257.40	0.0	0.07	-108.49	0.0	-312.36	50.09	0.0	-10.22	0.0	0.0
		0.0	0.0	-0.05	0.0	114.6	-347.86	2.56	0.0	-10.22	0.0	3257.40
						229.2	-393.38	-58.40	0.0	-10.22	0.0	0.0
183	44	3257.40	0.0	0.06	-108.49	0.0	-309.35	50.09	0.0	-10.50	0.0	0.0
		0.0	0.0	-0.05	0.0	114.6	-344.84	2.56	0.0	-10.50	0.0	3257.40
						229.2	-390.37	-58.40	0.0	-10.50	0.0	0.0
183	47	3257.40	0.0	0.05	-108.49	0.0	-289.63	50.09	0.0	-12.51	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-325.13	2.56	0.0	-12.51	0.0	3257.40
						229.2	-370.66	-58.40	0.0	-12.51	0.0	0.0
183	48	3257.40	0.0	0.05	-108.49	0.0	-297.67	50.09	0.0	-11.46	0.0	0.0
		0.0	0.0	-0.04	0.0	114.6	-333.17	2.56	0.0	-11.46	0.0	3257.40
						229.2	-378.69	-58.40	0.0	-11.46	0.0	0.0
183	63	3257.40	0.0	0.06	-108.49	0.0	-285.81	50.09	0.0	-13.33	0.0	0.0
		0.0	0.0	-7.91e-03	0.0	114.6	-321.31	2.56	0.0	-13.33	0.0	3257.40
						229.2	-366.83	-58.40	0.0	-13.33	0.0	0.0
183	66	3257.40	0.0	0.07	-108.49	0.0	-317.36	50.09	0.0	-9.48	0.0	0.0
		0.0	0.0	-0.06	0.0	114.6	-352.85	2.56	0.0	-9.48	0.0	3257.40
						229.2	-398.38	-58.40	0.0	-9.48	0.0	0.0
183	74	3257.40	0.0	0.07	-108.49	0.0	-316.20	50.09	0.0	-9.80	0.0	0.0
		0.0	0.0	-0.06	0.0	114.6	-351.70	2.56	0.0	-9.80	0.0	3257.40
						229.2	-397.22	-58.40	0.0	-9.80	0.0	0.0
183	76	3257.40	0.0	0.06	-108.49	0.0	-312.11	50.09	0.0	-10.18	0.0	0.0
		0.0	0.0	-0.06	0.0	114.6	-347.61	2.56	0.0	-10.18	0.0	3257.40
						229.2	-393.13	-58.40	0.0	-10.18	0.0	0.0
183	79	2607.91	0.0	0.06	-86.97	0.0	-242.09	40.25	0.0	-9.21	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-270.67	1.99	0.0	-9.21	0.0	2607.91
						229.2	-307.04	-46.72	0.0	-9.21	0.0	0.0
183	82	6948.79	0.0	0.11	-230.79	0.0	-640.39	106.01	0.0	-23.93	0.0	0.0
		0.0	0.0	-0.05	0.0	114.6	-715.24	5.78	0.0	-23.93	0.0	6948.79
						229.2	-812.74	-124.77	0.0	-23.93	0.0	0.0
183	85	8475.20	0.0	0.12	-281.35	0.0	-780.90	129.13	0.0	-29.11	0.0	0.0
		0.0	0.0	-0.06	0.0	114.6	-872.02	7.11	0.0	-29.11	0.0	8475.20
						229.2	-991.01	-152.22	0.0	-29.11	0.0	0.0
183	86	2607.91	0.0	0.06	-86.97	0.0	-242.09	40.25	0.0	-9.21	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-270.67	1.99	0.0	-9.21	0.0	2607.91
						229.2	-307.04	-46.72	0.0	-9.21	0.0	0.0
183	87	3690.39	0.0	0.07	-122.84	0.0	-341.24	56.65	0.0	-12.87	0.0	0.0
		0.0	0.0	-0.04	0.0	114.6	-381.36	2.94	0.0	-12.87	0.0	3690.39
						229.2	-432.98	-66.18	0.0	-12.87	0.0	0.0
183	90	4127.76	0.0	0.07	-137.33	0.0	-381.58	63.28	0.0	-14.36	0.0	0.0

		0.0	0.0	-0.04	0.0	114.6	-426.36	3.32	0.0	-14.36	0.0	4127.76
						229.2	-484.14	-74.05	0.0	-14.36	0.0	0.0
183	91	2607.91	0.0	0.06	-86.97	0.0	-242.09	40.25	0.0	-9.21	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-270.67	1.99	0.0	-9.21	0.0	2607.91
						229.2	-307.04	-46.72	0.0	-9.21	0.0	0.0
183	92	3257.40	0.0	0.06	-108.49	0.0	-301.58	50.09	0.0	-11.41	0.0	0.0
		0.0	0.0	-0.03	0.0	114.6	-337.08	2.56	0.0	-11.41	0.0	3257.40
						229.2	-382.60	-58.40	0.0	-11.41	0.0	0.0
184	1	4229.93	0.0	0.05	-142.63	0.0	-300.45	65.36	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	113.8	-347.15	3.54	0.0	0.0	0.0	4229.93
						227.5	-408.20	-77.27	0.0	0.0	0.0	0.0
184	5	2516.85	0.0	0.03	-84.98	0.0	-181.20	39.06	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	113.8	-209.16	2.04	0.0	0.0	0.0	2516.85
						227.5	-245.39	-45.92	0.0	0.0	0.0	0.0
184	8	9973.76	0.0	0.11	-335.25	0.0	-685.33	152.55	0.0	0.0	0.0	0.0
		0.0	0.0	8.02e-03	0.0	113.8	-793.79	8.97	0.0	0.0	0.0	9973.76
						227.5	-938.58	-182.70	0.0	0.0	0.0	0.0
184	9	1.171e+04	0.0	0.12	-393.52	0.0	-806.23	179.13	0.0	0.0	0.0	0.0
		0.0	0.0	8.90e-03	0.0	113.8	-933.63	10.49	0.0	0.0	0.0	1.171e+04
						227.5	-1103.51	-214.39	0.0	0.0	0.0	0.0
184	11	1.431e+04	0.0	0.15	-480.90	0.0	-982.10	218.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-1137.60	12.91	0.0	0.0	0.0	1.431e+04
						227.5	-1345.39	-262.14	0.0	0.0	0.0	0.0
184	15	3677.19	0.0	0.04	-123.92	0.0	-258.51	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	113.8	-299.00	3.12	0.0	0.0	0.0	3677.19
						227.5	-352.13	-67.20	0.0	0.0	0.0	0.0
184	19	3677.19	0.0	0.04	-123.92	0.0	-258.32	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	113.8	-298.81	3.12	0.0	0.0	0.0	3677.19
						227.5	-351.94	-67.20	0.0	0.0	0.0	0.0
184	36	3677.19	0.0	0.04	-123.92	0.0	-251.09	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	113.8	-291.58	3.12	0.0	0.0	0.0	3677.19
						227.5	-344.70	-67.20	0.0	0.0	0.0	0.0
184	37	3677.19	0.0	0.06	-123.92	0.0	-268.23	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	7.70e-03	0.0	113.8	-308.72	3.12	0.0	0.0	0.0	3677.19
						227.5	-361.85	-67.20	0.0	0.0	0.0	0.0
184	39	3677.19	0.0	0.05	-123.92	0.0	-265.13	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-305.62	3.12	0.0	0.0	0.0	3677.19
						227.5	-358.75	-67.20	0.0	0.0	0.0	0.0
184	41	3677.19	0.0	0.05	-123.92	0.0	-267.10	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	9.52e-03	0.0	113.8	-307.59	3.12	0.0	0.0	0.0	3677.19
						227.5	-360.71	-67.20	0.0	0.0	0.0	0.0
184	47	3677.19	0.0	0.04	-123.92	0.0	-258.10	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-4.50e-04	0.0	113.8	-298.59	3.12	0.0	0.0	0.0	3677.19
						227.5	-351.72	-67.20	0.0	0.0	0.0	0.0
184	51	3677.19	0.0	0.04	-123.92	0.0	-257.84	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	3.38e-04	0.0	113.8	-298.33	3.12	0.0	0.0	0.0	3677.19
						227.5	-351.46	-67.20	0.0	0.0	0.0	0.0
184	68	3677.19	0.0	0.03	-123.92	0.0	-248.04	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	113.8	-288.53	3.12	0.0	0.0	0.0	3677.19
						227.5	-341.65	-67.20	0.0	0.0	0.0	0.0
184	69	3677.19	0.0	0.06	-123.92	0.0	-271.29	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-311.78	3.12	0.0	0.0	0.0	3677.19
						227.5	-364.90	-67.20	0.0	0.0	0.0	0.0
184	71	3677.19	0.0	0.05	-123.92	0.0	-267.08	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-307.57	3.12	0.0	0.0	0.0	3677.19
						227.5	-360.70	-67.20	0.0	0.0	0.0	0.0
184	73	3677.19	0.0	0.06	-123.92	0.0	-269.75	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-310.24	3.12	0.0	0.0	0.0	3677.19
						227.5	-363.36	-67.20	0.0	0.0	0.0	0.0
184	79	2933.38	0.0	0.04	-98.96	0.0	-209.41	45.40	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	113.8	-241.87	2.43	0.0	0.0	0.0	2933.38
						227.5	-284.17	-53.56	0.0	0.0	0.0	0.0
184	82	7904.66	0.0	0.09	-265.80	0.0	-545.50	121.06	0.0	0.0	0.0	0.0
		0.0	0.0	2.34e-03	0.0	113.8	-631.63	7.05	0.0	0.0	0.0	7904.66
						227.5	-746.30	-144.75	0.0	0.0	0.0	0.0
184	83	7917.18	0.0	0.09	-266.22	0.0	-546.60	121.25	0.0	0.0	0.0	0.0
		0.0	0.0	3.60e-03	0.0	113.8	-632.86	7.06	0.0	0.0	0.0	7917.18
						227.5	-747.71	-144.98	0.0	0.0	0.0	0.0
184	85	9652.74	0.0	0.10	-324.47	0.0	-663.84	147.66	0.0	0.0	0.0	0.0
		0.0	0.0	7.98e-03	0.0	113.8	-768.84	8.67	0.0	0.0	0.0	9652.74
						227.5	-908.96	-176.81	0.0	0.0	0.0	0.0
184	86	2933.38	0.0	0.04	-98.96	0.0	-209.41	45.40	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	113.8	-241.87	2.43	0.0	0.0	0.0	2933.38
						227.5	-284.17	-53.56	0.0	0.0	0.0	0.0
184	88	3930.14	0.0	0.05	-132.41	0.0	-276.85	60.57	0.0	0.0	0.0	0.0
		0.0	0.0	-8.43e-03	0.0	113.8	-320.07	3.35	0.0	0.0	0.0	3930.14
						227.5	-376.88	-71.84	0.0	0.0	0.0	0.0

184	90	4673.95	0.0	0.06	-157.38	0.0	-327.10	71.89	0.0	0.0	0.0	0.0
		0.0	0.0	-6.56e-03	0.0	113.8	-378.35	4.05	0.0	0.0	0.0	4673.95
						227.5	-445.98	-85.49	0.0	0.0	0.0	0.0
184	91	2933.38	0.0	0.04	-98.96	0.0	-209.41	45.40	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	113.8	-241.87	2.43	0.0	0.0	0.0	2933.38
						227.5	-284.17	-53.56	0.0	0.0	0.0	0.0
184	92	3677.19	0.0	0.05	-123.92	0.0	-259.66	56.72	0.0	0.0	0.0	0.0
		0.0	0.0	-9.57e-03	0.0	113.8	-300.15	3.12	0.0	0.0	0.0	3677.19
						227.5	-353.28	-67.20	0.0	0.0	0.0	0.0
185	5	2500.38	0.0	-0.02	-87.89	0.0	-277.99	48.68	0.0	8.88	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-237.77	-2.54	0.0	8.88	0.0	2500.38
						222.8	-208.98	-39.21	0.0	8.88	0.0	0.0
185	8	9908.59	0.0	-0.12	-347.52	0.0	-1045.63	194.45	0.0	29.39	0.0	0.0
		0.0	0.0	0.08	0.0	111.4	-884.25	-11.08	0.0	29.39	0.0	9908.59
						222.8	-772.76	-153.07	0.0	29.39	0.0	0.0
185	9	1.158e+04	0.0	-0.14	-406.30	0.0	-1224.06	227.26	0.0	34.46	0.0	0.0
		0.0	0.0	0.09	0.0	111.4	-1035.49	-12.91	0.0	34.46	0.0	1.158e+04
						222.8	-905.04	-179.05	0.0	34.46	0.0	0.0
185	11	1.419e+04	0.0	-0.17	-497.59	0.0	-1494.23	278.51	0.0	41.74	0.0	0.0
		0.0	0.0	0.10	0.0	111.4	-1263.06	-15.91	0.0	41.74	0.0	1.419e+04
						222.8	-1103.54	-219.08	0.0	41.74	0.0	0.0
185	15	3661.30	0.0	-0.04	-128.58	0.0	-406.87	71.52	0.0	15.08	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-347.66	-3.88	0.0	15.08	0.0	3661.30
						222.8	-305.91	-57.05	0.0	15.08	0.0	0.0
185	24	3661.30	0.0	-0.04	-128.58	0.0	-410.19	71.52	0.0	13.93	0.0	0.0
		0.0	0.0	0.06	0.0	111.4	-350.99	-3.88	0.0	13.93	0.0	3661.30
						222.8	-309.23	-57.05	0.0	13.93	0.0	0.0
185	25	3661.30	0.0	-0.04	-128.58	0.0	-386.54	71.52	0.0	10.36	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-327.33	-3.88	0.0	10.36	0.0	3661.30
						222.8	-285.58	-57.05	0.0	10.36	0.0	0.0
185	27	3661.30	0.0	-0.03	-128.58	0.0	-407.56	71.52	0.0	14.98	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-348.36	-3.88	0.0	14.98	0.0	3661.30
						222.8	-306.61	-57.05	0.0	14.98	0.0	0.0
185	41	3661.30	0.0	-0.03	-128.58	0.0	-391.20	71.52	0.0	13.29	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-332.00	-3.88	0.0	13.29	0.0	3661.30
						222.8	-290.25	-57.05	0.0	13.29	0.0	0.0
185	47	3661.30	0.0	-0.03	-128.58	0.0	-409.89	71.52	0.0	16.12	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-350.69	-3.88	0.0	16.12	0.0	3661.30
						222.8	-308.94	-57.05	0.0	16.12	0.0	0.0
185	56	3661.30	0.0	-0.04	-128.58	0.0	-414.40	71.52	0.0	14.56	0.0	0.0
		0.0	0.0	0.06	0.0	111.4	-355.20	-3.88	0.0	14.56	0.0	3661.30
						222.8	-313.44	-57.05	0.0	14.56	0.0	0.0
185	57	3661.30	0.0	-0.04	-128.58	0.0	-382.33	71.52	0.0	9.72	0.0	0.0
		0.0	0.0	0.04	0.0	111.4	-323.12	-3.88	0.0	9.72	0.0	3661.30
						222.8	-281.37	-57.05	0.0	9.72	0.0	0.0
185	59	3661.30	0.0	-0.03	-128.58	0.0	-410.83	71.52	0.0	15.99	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-351.63	-3.88	0.0	15.99	0.0	3661.30
						222.8	-309.88	-57.05	0.0	15.99	0.0	0.0
185	73	3661.30	0.0	-0.03	-128.58	0.0	-388.66	71.52	0.0	13.70	0.0	0.0
		0.0	0.0	0.03	0.0	111.4	-329.45	-3.88	0.0	13.70	0.0	3661.30
						222.8	-287.70	-57.05	0.0	13.70	0.0	0.0
185	79	2917.12	0.0	-0.03	-102.49	0.0	-321.17	56.88	0.0	10.06	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-274.14	-3.02	0.0	10.06	0.0	2917.12
						222.8	-240.69	-45.61	0.0	10.06	0.0	0.0
185	82	7855.93	0.0	-0.09	-275.58	0.0	-832.93	154.06	0.0	23.73	0.0	0.0
		0.0	0.0	0.07	0.0	111.4	-705.12	-8.71	0.0	23.73	0.0	7855.93
						222.8	-616.55	-121.52	0.0	23.73	0.0	0.0
185	83	7833.52	0.0	-0.09	-274.80	0.0	-830.07	153.62	0.0	23.53	0.0	0.0
		0.0	0.0	0.06	0.0	111.4	-702.63	-8.69	0.0	23.53	0.0	7833.52
						222.8	-614.31	-121.18	0.0	23.53	0.0	0.0
185	85	9569.94	0.0	-0.12	-335.65	0.0	-1010.19	187.79	0.0	28.38	0.0	0.0
		0.0	0.0	0.07	0.0	111.4	-854.35	-10.69	0.0	28.38	0.0	9569.94
						222.8	-746.64	-147.86	0.0	28.38	0.0	0.0
185	86	2917.12	0.0	-0.03	-102.49	0.0	-321.17	56.88	0.0	10.06	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-274.14	-3.02	0.0	10.06	0.0	2917.12
						222.8	-240.69	-45.61	0.0	10.06	0.0	0.0
185	87	4157.42	0.0	-0.04	-145.96	0.0	-449.82	81.29	0.0	13.53	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-382.51	-4.45	0.0	13.53	0.0	4157.42
						222.8	-335.22	-64.68	0.0	13.53	0.0	0.0
185	88	3900.40	0.0	-0.04	-136.96	0.0	-422.95	76.23	0.0	12.75	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-359.84	-4.15	0.0	12.75	0.0	3900.40
						222.8	-315.42	-60.73	0.0	12.75	0.0	0.0
185	90	4644.58	0.0	-0.05	-163.04	0.0	-500.14	90.87	0.0	14.83	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-424.86	-5.01	0.0	14.83	0.0	4644.58
						222.8	-372.13	-72.16	0.0	14.83	0.0	0.0
185	91	2917.12	0.0	-0.03	-102.49	0.0	-321.17	56.88	0.0	10.06	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-274.14	-3.02	0.0	10.06	0.0	2917.12

						222.8	-240.69	-45.61	0.0	10.06	0.0	0.0
185	92	3661.30	0.0	-0.04	-128.58	0.0	-398.36	71.52	0.0	12.14	0.0	0.0
		0.0	0.0	0.05	0.0	111.4	-339.16	-3.88	0.0	12.14	0.0	3661.30
						222.8	-297.41	-57.05	0.0	12.14	0.0	0.0
186	1	3410.40	0.0	-0.04	-115.45	0.0	-429.84	61.72	0.0	-12.22	0.0	0.0
		0.0	0.0	0.02	0.0	112.4	-380.11	-2.52	0.0	-12.22	0.0	3410.40
						224.8	-340.48	-53.73	0.0	-12.22	0.0	0.0
186	3	6343.97	0.0	-0.08	-214.07	0.0	-794.31	114.92	0.0	-22.06	0.0	0.0
		0.0	0.0	7.59e-03	0.0	112.4	-701.50	-4.98	0.0	-22.06	0.0	6343.97
						224.8	-628.60	-99.15	0.0	-22.06	0.0	0.0
186	5	2042.09	0.0	-0.02	-69.26	0.0	-258.38	36.93	0.0	-7.45	0.0	0.0
		0.0	0.0	0.02	0.0	112.4	-228.67	-1.45	0.0	-7.45	0.0	2042.09
						224.8	-204.76	-32.33	0.0	-7.45	0.0	0.0
186	11	1.128e+04	0.0	-0.16	-379.96	0.0	-1415.95	204.41	0.0	-37.38	0.0	0.0
		0.0	0.0	-0.01	0.0	112.4	-1250.67	-9.12	0.0	-37.38	0.0	1.128e+04
						224.8	-1121.84	-175.55	0.0	-37.38	0.0	0.0
186	17	2957.36	0.0	-0.03	-100.03	0.0	-368.11	53.53	0.0	-8.78	0.0	0.0
		0.0	0.0	4.71e-03	0.0	112.4	-324.96	-2.22	0.0	-8.78	0.0	2957.36
						224.8	-290.68	-46.50	0.0	-8.78	0.0	0.0
186	31	2957.36	0.0	-0.04	-100.03	0.0	-384.13	53.53	0.0	-8.66	0.0	0.0
		0.0	0.0	-3.41e-03	0.0	112.4	-340.98	-2.22	0.0	-8.66	0.0	2957.36
						224.8	-306.70	-46.50	0.0	-8.66	0.0	0.0
186	34	2957.36	0.0	-0.03	-100.03	0.0	-360.11	53.53	0.0	-12.38	0.0	0.0
		0.0	0.0	0.03	0.0	112.4	-316.95	-2.22	0.0	-12.38	0.0	2957.36
						224.8	-282.67	-46.50	0.0	-12.38	0.0	0.0
186	39	2957.36	0.0	-0.04	-100.03	0.0	-383.96	53.53	0.0	-8.46	0.0	0.0
		0.0	0.0	1.25e-03	0.0	112.4	-340.80	-2.22	0.0	-8.46	0.0	2957.36
						224.8	-306.52	-46.50	0.0	-8.46	0.0	0.0
186	46	2957.36	0.0	-0.03	-100.03	0.0	-360.67	53.53	0.0	-12.65	0.0	0.0
		0.0	0.0	0.02	0.0	112.4	-317.51	-2.22	0.0	-12.65	0.0	2957.36
						224.8	-283.24	-46.50	0.0	-12.65	0.0	0.0
186	49	2957.36	0.0	-0.03	-100.03	0.0	-366.69	53.53	0.0	-8.16	0.0	0.0
		0.0	0.0	2.10e-03	0.0	112.4	-323.53	-2.22	0.0	-8.16	0.0	2957.36
						224.8	-289.25	-46.50	0.0	-8.16	0.0	0.0
186	63	2957.36	0.0	-0.04	-100.03	0.0	-388.41	53.53	0.0	-7.99	0.0	0.0
		0.0	0.0	-8.91e-03	0.0	112.4	-345.25	-2.22	0.0	-7.99	0.0	2957.36
						224.8	-310.98	-46.50	0.0	-7.99	0.0	0.0
186	66	2957.36	0.0	-0.03	-100.03	0.0	-355.83	53.53	0.0	-13.05	0.0	0.0
		0.0	0.0	0.03	0.0	112.4	-312.67	-2.22	0.0	-13.05	0.0	2957.36
						224.8	-278.40	-46.50	0.0	-13.05	0.0	0.0
186	71	2957.36	0.0	-0.04	-100.03	0.0	-388.17	53.53	0.0	-7.72	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	112.4	-345.01	-2.22	0.0	-7.72	0.0	2957.36
						224.8	-310.74	-46.50	0.0	-7.72	0.0	0.0
186	78	2957.36	0.0	-0.03	-100.03	0.0	-356.59	53.53	0.0	-13.40	0.0	0.0
		0.0	0.0	0.03	0.0	112.4	-313.44	-2.22	0.0	-13.40	0.0	2957.36
						224.8	-279.16	-46.50	0.0	-13.40	0.0	0.0
186	79	2370.65	0.0	-0.03	-80.31	0.0	-299.22	42.89	0.0	-8.55	0.0	0.0
		0.0	0.0	0.01	0.0	112.4	-264.69	-1.73	0.0	-8.55	0.0	2370.65
						224.8	-237.06	-37.42	0.0	-8.55	0.0	0.0
186	81	4326.36	0.0	-0.05	-146.06	0.0	-542.21	78.36	0.0	-15.11	0.0	0.0
		0.0	0.0	7.74e-03	0.0	112.4	-478.94	-3.37	0.0	-15.11	0.0	4326.36
						224.8	-429.15	-67.70	0.0	-15.11	0.0	0.0
186	85	7615.74	0.0	-0.11	-256.65	0.0	-956.63	138.02	0.0	-25.32	0.0	0.0
		0.0	0.0	-4.67e-03	0.0	112.4	-845.06	-6.12	0.0	-25.32	0.0	7615.74
						224.8	-757.97	-118.63	0.0	-25.32	0.0	0.0
186	86	2370.65	0.0	-0.03	-80.31	0.0	-299.22	42.89	0.0	-8.55	0.0	0.0
		0.0	0.0	0.01	0.0	112.4	-264.69	-1.73	0.0	-8.55	0.0	2370.65
						224.8	-237.06	-37.42	0.0	-8.55	0.0	0.0
186	87	3348.50	0.0	-0.04	-113.18	0.0	-420.72	60.63	0.0	-11.83	0.0	0.0
		0.0	0.0	0.01	0.0	112.4	-371.81	-2.55	0.0	-11.83	0.0	3348.50
						224.8	-333.10	-52.56	0.0	-11.83	0.0	0.0
186	90	3732.58	0.0	-0.05	-126.10	0.0	-469.58	67.59	0.0	-12.96	0.0	0.0
		0.0	0.0	9.18e-03	0.0	112.4	-415.04	-2.87	0.0	-12.96	0.0	3732.58
						224.8	-371.98	-58.50	0.0	-12.96	0.0	0.0
186	91	2370.65	0.0	-0.03	-80.31	0.0	-299.22	42.89	0.0	-8.55	0.0	0.0
		0.0	0.0	0.01	0.0	112.4	-264.69	-1.73	0.0	-8.55	0.0	2370.65
						224.8	-237.06	-37.42	0.0	-8.55	0.0	0.0
186	92	2957.36	0.0	-0.03	-100.03	0.0	-372.12	53.53	0.0	-10.52	0.0	0.0
		0.0	0.0	0.01	0.0	112.4	-328.96	-2.22	0.0	-10.52	0.0	2957.36
						224.8	-294.69	-46.50	0.0	-10.52	0.0	0.0
187	1	3791.08	0.0	-0.05	-130.35	0.0	-413.90	70.85	0.0	-8.09	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-356.13	-3.29	0.0	-8.09	0.0	3791.08
						223.9	-312.34	-59.50	0.0	-8.09	0.0	0.0
187	5	2260.58	0.0	-0.03	-77.83	0.0	-248.96	42.19	0.0	-5.25	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-214.61	-1.90	0.0	-5.25	0.0	2260.58
						223.9	-188.32	-35.65	0.0	-5.25	0.0	0.0
187	11	1.268e+04	0.0	-0.18	-434.43	0.0	-1358.52	237.75	0.0	-20.64	0.0	0.0

		0.0	0.0	0.06	0.0	111.9	-1164.02	-11.91	0.0	-20.64	0.0	1.268e+04
						223.9	-1020.07	-196.68	0.0	-20.64	0.0	0.0
187	12	8828.74	0.0	-0.13	-302.64	0.0	-948.46	165.57	0.0	-14.31	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-813.03	-8.27	0.0	-14.31	0.0	8828.74
						223.9	-712.69	-137.06	0.0	-14.31	0.0	0.0
187	20	3292.90	0.0	-0.04	-113.16	0.0	-377.00	61.58	0.0	-6.99	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-326.76	-2.90	0.0	-6.99	0.0	3292.90
						223.9	-288.83	-51.58	0.0	-6.99	0.0	0.0
187	21	3292.90	0.0	-0.05	-113.16	0.0	-339.46	61.58	0.0	-6.60	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-289.23	-2.90	0.0	-6.60	0.0	3292.90
						223.9	-251.30	-51.58	0.0	-6.60	0.0	0.0
187	32	3292.90	0.0	-0.03	-113.16	0.0	-365.91	61.58	0.0	-5.58	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-315.67	-2.90	0.0	-5.58	0.0	3292.90
						223.9	-277.74	-51.58	0.0	-5.58	0.0	0.0
187	37	3292.90	0.0	-0.06	-113.16	0.0	-351.79	61.58	0.0	-7.95	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-301.55	-2.90	0.0	-7.95	0.0	3292.90
						223.9	-263.62	-51.58	0.0	-7.95	0.0	0.0
187	52	3292.90	0.0	-0.04	-113.16	0.0	-383.68	61.58	0.0	-7.06	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-333.45	-2.90	0.0	-7.06	0.0	3292.90
						223.9	-295.52	-51.58	0.0	-7.06	0.0	0.0
187	53	3292.90	0.0	-0.05	-113.16	0.0	-332.78	61.58	0.0	-6.54	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-282.55	-2.90	0.0	-6.54	0.0	3292.90
						223.9	-244.62	-51.58	0.0	-6.54	0.0	0.0
187	64	3292.90	0.0	-0.03	-113.16	0.0	-368.64	61.58	0.0	-5.15	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-318.41	-2.90	0.0	-5.15	0.0	3292.90
						223.9	-280.48	-51.58	0.0	-5.15	0.0	0.0
187	69	3292.90	0.0	-0.07	-113.16	0.0	-349.49	61.58	0.0	-8.36	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-299.26	-2.90	0.0	-8.36	0.0	3292.90
						223.9	-261.33	-51.58	0.0	-8.36	0.0	0.0
187	79	2631.16	0.0	-0.03	-90.52	0.0	-288.20	49.15	0.0	-5.80	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-248.15	-2.26	0.0	-5.80	0.0	2631.16
						223.9	-217.68	-41.37	0.0	-5.80	0.0	0.0
187	83	7009.93	0.0	-0.10	-240.38	0.0	-754.54	131.41	0.0	-11.84	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-647.09	-6.50	0.0	-11.84	0.0	7009.93
						223.9	-567.26	-108.98	0.0	-11.84	0.0	0.0
187	85	8553.99	0.0	-0.12	-293.23	0.0	-917.95	160.41	0.0	-14.17	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-786.74	-8.00	0.0	-14.17	0.0	8553.99
						223.9	-689.50	-132.82	0.0	-14.17	0.0	0.0
187	86	2631.16	0.0	-0.03	-90.52	0.0	-288.20	49.15	0.0	-5.80	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-248.15	-2.26	0.0	-5.80	0.0	2631.16
						223.9	-217.68	-41.37	0.0	-5.80	0.0	0.0
187	88	3506.91	0.0	-0.05	-120.49	0.0	-381.47	65.60	0.0	-7.01	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-327.94	-3.11	0.0	-7.01	0.0	3506.91
						223.9	-287.59	-54.89	0.0	-7.01	0.0	0.0
187	90	4168.65	0.0	-0.06	-143.14	0.0	-451.50	78.03	0.0	-8.01	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-387.79	-3.75	0.0	-8.01	0.0	4168.65
						223.9	-339.98	-65.11	0.0	-8.01	0.0	0.0
187	91	2631.16	0.0	-0.03	-90.52	0.0	-288.20	49.15	0.0	-5.80	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-248.15	-2.26	0.0	-5.80	0.0	2631.16
						223.9	-217.68	-41.37	0.0	-5.80	0.0	0.0
187	92	3292.90	0.0	-0.04	-113.16	0.0	-358.23	61.58	0.0	-6.80	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-308.00	-2.90	0.0	-6.80	0.0	3292.90
						223.9	-270.07	-51.58	0.0	-6.80	0.0	0.0
188	5	1962.14	138.37	0.04	-32.80	0.0	-376.70	27.68	-2.89	-14.59	138.37	616.96
		616.96	-334.50	0.02	0.0	81.9	-364.29	5.29	-2.89	-14.59	-98.07	1885.54
						163.9	-358.52	-5.12	-2.89	-14.59	-334.50	1810.43
188	11	1.096e+04	558.17	0.14	-161.84	0.0	-1522.17	154.93	-12.73	-85.17	558.17	2818.07
		2818.07	-1527.97	0.06	0.0	81.9	-1456.50	36.43	-12.73	-85.17	-484.90	1.014e+04
						163.9	-1432.49	-6.91	-12.73	-85.17	-1527.97	1.084e+04
188	19	3218.68	218.80	0.04	-45.45	0.0	-562.83	42.87	-4.80	-23.81	218.80	898.46
		898.46	-566.63	0.03	0.0	81.9	-545.17	11.00	-4.80	-23.81	-173.92	2966.62
						163.9	-537.65	-2.58	-4.80	-23.81	-566.63	3173.10
188	20	3166.63	237.92	0.05	-45.45	0.0	-470.89	42.68	-5.06	-24.66	237.92	850.74
		850.74	-591.90	0.03	0.0	81.9	-453.23	10.81	-5.06	-24.66	-176.99	2916.24
						163.9	-445.71	-2.76	-5.06	-24.66	-591.90	3120.06
188	43	3014.81	158.34	0.04	-45.45	0.0	-656.26	41.09	-3.59	-20.72	158.34	936.92
		936.92	-428.29	0.02	0.0	81.9	-638.60	9.22	-3.59	-20.72	-134.97	2850.06
						163.9	-631.08	-4.36	-3.59	-20.72	-428.29	2901.53
188	46	2680.89	209.91	0.06	-45.45	0.0	-323.38	39.20	-4.25	-22.54	209.91	760.84
		760.84	-487.58	0.03	0.0	81.9	-305.72	7.33	-4.25	-22.54	-138.84	2564.86
						163.9	-298.20	-6.24	-4.25	-22.54	-487.58	2507.21
188	51	3362.25	231.14	0.04	-45.45	0.0	-588.83	43.84	-5.11	-24.59	231.14	916.11
		916.11	-605.32	0.03	0.0	81.9	-571.17	11.97	-5.11	-24.59	-187.09	3058.88
						163.9	-563.64	-1.61	-5.11	-24.59	-605.32	3339.97
188	52	3291.23	257.07	0.05	-45.45	0.0	-464.16	43.59	-5.46	-25.74	257.07	851.41
		851.41	-639.59	0.03	0.0	81.9	-446.50	11.71	-5.46	-25.74	-191.26	2990.57
						163.9	-438.97	-1.86	-5.46	-25.74	-639.59	3268.05

188	75	3075.28 968.26	149.16 -417.74	0.03 0.02	-45.45 0.0	0.0 81.9 163.9	-715.52 -697.86 -690.34	41.43 9.55 -4.02	-3.48 -3.48 -3.48	-20.40 -20.40 -20.40	149.16 -134.29 -417.74	968.26 2900.83 2971.71
188	78	2622.84 729.49	219.09 -498.14	0.06 0.03	-45.45 0.0	0.0 81.9 163.9	-264.13 -246.47 -238.95	38.87 6.99 -6.58	-4.36 -4.36 -4.36	-22.86 -22.86 -22.86	219.09 -139.52 -498.14	729.49 2514.10 2437.02
188	79	2278.47 699.61	154.85 -378.86	0.04 0.03	-37.34 0.0	0.0 81.9 163.9	-416.34 -402.05 -395.65	32.16 6.36 -5.18	-3.26 -3.26 -3.26	-17.11 -17.11 -17.11	154.85 -112.00 -378.86	699.61 2180.27 2131.29
188	85	7396.53 1916.89	381.77 -1039.60	0.10 0.04	-109.85 0.0	0.0 81.9 163.9	-1043.86 -999.44 -982.99	104.59 24.42 -5.26	-8.67 -8.67 -8.67	-57.38 -57.38 -57.38	381.77 -328.91 -1039.60	1916.89 6856.79 7296.85
188	86	2278.47 699.61	154.85 -378.86	0.04 0.03	-37.34 0.0	0.0 81.9 163.9	-416.34 -402.05 -395.65	32.16 6.36 -5.18	-3.26 -3.26 -3.26	-17.11 -17.11 -17.11	154.85 -112.00 -378.86	699.61 2180.27 2131.29
188	90	3599.85 1022.68	215.85 -553.18	0.06 0.03	-56.16 0.0	0.0 81.9 163.9	-581.04 -558.92 -549.92	50.90 10.99 -5.26	-4.69 -4.69 -4.69	-27.57 -27.57 -27.57	215.85 -168.67 -553.18	1022.68 3396.74 3470.04
188	91	2278.47 699.61	154.85 -378.86	0.04 0.03	-37.34 0.0	0.0 81.9 163.9	-416.34 -402.05 -395.65	32.16 6.36 -5.18	-3.26 -3.26 -3.26	-17.11 -17.11 -17.11	154.85 -112.00 -378.86	699.61 2180.27 2131.29
188	92	2844.93 848.88	184.13 -457.94	0.05 0.03	-45.45 0.0	0.0 81.9 163.9	-489.82 -472.16 -464.64	40.15 8.27 -5.30	-3.92 -3.92 -3.92	-21.63 -21.63 -21.63	184.13 -136.91 -457.94	848.88 2707.46 2704.37
189	5	2326.35 0.0	0.0 0.0	0.10 0.03	-79.71 0.0	0.0 111.9 223.8	-195.20 -222.25 -257.01	36.76 1.87 -42.95	0.0 0.0 0.0	-3.10 -3.10 -3.10	0.0 0.0 0.0	0.0 2326.35 0.0
189	9	1.069e+04 0.0	0.0 0.0	0.21 0.07	-364.66 0.0	0.0 111.9 223.8	-890.54 -1012.32 -1173.30	166.56 9.51 -198.10	0.0 0.0 0.0	-16.60 -16.60 -16.60	0.0 0.0 0.0	0.0 1.069e+04 0.0
189	11	1.309e+04 0.0	0.0 0.0	0.24 0.09	-446.14 0.0	0.0 111.9 223.8	-1085.97 -1234.78 -1431.91	203.63 11.72 -242.51	0.0 0.0 0.0	-20.40 -20.40 -20.40	0.0 0.0 0.0	0.0 1.309e+04 0.0
189	15	3393.14 0.0	0.0 0.0	0.10 0.03	-116.03 0.0	0.0 111.9 223.8	-269.79 -308.90 -359.76	53.28 2.85 -62.74	0.0 0.0 0.0	-3.35 -3.35 -3.35	0.0 0.0 0.0	0.0 3393.14 0.0
189	19	3393.14 0.0	0.0 0.0	0.10 0.03	-116.03 0.0	0.0 111.9 223.8	-269.78 -308.88 -359.74	53.28 2.85 -62.74	0.0 0.0 0.0	-3.39 -3.39 -3.39	0.0 0.0 0.0	0.0 3393.14 0.0
189	24	3393.14 0.0	0.0 0.0	0.12 0.03	-116.03 0.0	0.0 111.9 223.8	-265.28 -304.38 -355.25	53.28 2.85 -62.74	0.0 0.0 0.0	-4.47 -4.47 -4.47	0.0 0.0 0.0	0.0 3393.14 0.0
189	25	3393.14 0.0	0.0 0.0	0.10 0.04	-116.03 0.0	0.0 111.9 223.8	-299.57 -338.68 -389.54	53.28 2.85 -62.74	0.0 0.0 0.0	-5.12 -5.12 -5.12	0.0 0.0 0.0	0.0 3393.14 0.0
189	36	3393.14 0.0	0.0 0.0	0.14 0.03	-116.03 0.0	0.0 111.9 223.8	-275.65 -314.76 -365.62	53.28 2.85 -62.74	0.0 0.0 0.0	-5.37 -5.37 -5.37	0.0 0.0 0.0	0.0 3393.14 0.0
189	47	3393.14 0.0	0.0 0.0	0.10 0.03	-116.03 0.0	0.0 111.9 223.8	-265.30 -304.40 -355.26	53.28 2.85 -62.74	0.0 0.0 0.0	-2.84 -2.84 -2.84	0.0 0.0 0.0	0.0 3393.14 0.0
189	49	3393.14 0.0	0.0 0.0	0.10 0.05	-116.03 0.0	0.0 111.9 223.8	-301.02 -340.12 -390.98	53.28 2.85 -62.74	0.0 0.0 0.0	-6.16 -6.16 -6.16	0.0 0.0 0.0	0.0 3393.14 0.0
189	51	3393.14 0.0	0.0 0.0	0.10 0.03	-116.03 0.0	0.0 111.9 223.8	-265.27 -304.38 -355.24	53.28 2.85 -62.74	0.0 0.0 0.0	-2.89 -2.89 -2.89	0.0 0.0 0.0	0.0 3393.14 0.0
189	56	3393.14 0.0	0.0 0.0	0.13 0.03	-116.03 0.0	0.0 111.9 223.8	-259.17 -298.28 -349.14	53.28 2.85 -62.74	0.0 0.0 0.0	-4.36 -4.36 -4.36	0.0 0.0 0.0	0.0 3393.14 0.0
189	57	3393.14 0.0	0.0 0.0	0.09 0.04	-116.03 0.0	0.0 111.9 223.8	-305.68 -344.78 -395.65	53.28 2.85 -62.74	0.0 0.0 0.0	-5.24 -5.24 -5.24	0.0 0.0 0.0	0.0 3393.14 0.0
189	68	3393.14 0.0	0.0 0.0	0.15 0.03	-116.03 0.0	0.0 111.9 223.8	-273.24 -312.34 -363.21	53.28 2.85 -62.74	0.0 0.0 0.0	-5.57 -5.57 -5.57	0.0 0.0 0.0	0.0 3393.14 0.0
189	79	2709.30 0.0	0.0 0.0	0.10 0.03	-92.75 0.0	0.0 111.9 223.8	-226.59 -257.97 -298.51	42.69 2.22 -50.06	0.0 0.0 0.0	-3.71 -3.71 -3.71	0.0 0.0 0.0	0.0 2709.30 0.0
189	83	7234.32 0.0	0.0 0.0	0.15 0.05	-246.79 0.0	0.0 111.9 223.8	-602.98 -685.46 -794.34	112.78 6.40 -134.01	0.0 0.0 0.0	-11.16 -11.16 -11.16	0.0 0.0 0.0	0.0 7234.32 0.0
189	85	8829.96 0.0	0.0 0.0	0.17 0.06	-301.10 0.0	0.0 111.9 223.8	-733.26 -833.77 -966.74	137.49 7.87 -163.61	0.0 0.0 0.0	-13.68 -13.68 -13.68	0.0 0.0 0.0	0.0 8829.96 0.0
189	86	2709.30 0.0	0.0 0.0	0.10 0.03	-92.75 0.0	0.0 111.9	-226.59 -257.97	42.69 2.22	0.0 0.0	-3.71 -3.71	0.0 0.0	0.0 2709.30

						223.8	-298.51	-50.06	0.0	-3.71	0.0	0.0
189	88	3614.31	0.0	0.11	-123.56	0.0	-301.87	56.71	0.0	-5.20	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-343.47	3.06	0.0	-5.20	0.0	3614.31
						223.8	-397.67	-66.85	0.0	-5.20	0.0	0.0
189	90	4298.15	0.0	0.12	-146.83	0.0	-357.70	67.30	0.0	-6.29	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-407.03	3.69	0.0	-6.29	0.0	4298.15
						223.8	-471.56	-79.53	0.0	-6.29	0.0	0.0
189	91	2709.30	0.0	0.10	-92.75	0.0	-226.59	42.69	0.0	-3.71	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-257.97	2.22	0.0	-3.71	0.0	2709.30
						223.8	-298.51	-50.06	0.0	-3.71	0.0	0.0
189	92	3393.14	0.0	0.11	-116.03	0.0	-282.43	53.28	0.0	-4.80	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-321.53	2.85	0.0	-4.80	0.0	3393.14
						223.8	-372.39	-62.74	0.0	-4.80	0.0	0.0
190	5	2263.36	0.0	-0.05	-78.44	0.0	-279.65	42.75	0.0	6.05	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-244.66	-2.00	0.0	6.05	0.0	2263.36
						223.4	-218.32	-35.69	0.0	6.05	0.0	0.0
190	9	1.038e+04	0.0	-0.17	-358.42	0.0	-1221.74	197.20	0.0	25.71	0.0	0.0
		0.0	0.0	3.21e-03	0.0	111.7	-1059.58	-10.18	0.0	25.71	0.0	1.038e+04
						223.4	-941.49	-161.21	0.0	25.71	0.0	0.0
190	11	1.270e+04	0.0	-0.20	-438.46	0.0	-1490.93	241.41	0.0	31.93	0.0	0.0
		0.0	0.0	4.49e-04	0.0	111.7	-1292.35	-12.55	0.0	31.93	0.0	1.270e+04
						223.4	-1148.09	-197.05	0.0	31.93	0.0	0.0
190	23	3298.08	0.0	-0.06	-114.12	0.0	-423.87	62.46	0.0	8.15	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-372.64	-3.05	0.0	8.15	0.0	3298.08
						223.4	-334.63	-51.66	0.0	8.15	0.0	0.0
190	26	3298.08	0.0	-0.06	-114.12	0.0	-375.29	62.46	0.0	9.47	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-324.07	-3.05	0.0	9.47	0.0	3298.08
						223.4	-286.06	-51.66	0.0	9.47	0.0	0.0
190	27	3298.08	0.0	-0.06	-114.12	0.0	-424.07	62.46	0.0	8.12	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-372.85	-3.05	0.0	8.12	0.0	3298.08
						223.4	-334.84	-51.66	0.0	8.12	0.0	0.0
190	30	3298.08	0.0	-0.06	-114.12	0.0	-375.09	62.46	0.0	9.50	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-323.87	-3.05	0.0	9.50	0.0	3298.08
						223.4	-285.86	-51.66	0.0	9.50	0.0	0.0
190	39	3298.08	0.0	-0.05	-114.12	0.0	-410.29	62.46	0.0	8.40	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-359.07	-3.05	0.0	8.40	0.0	3298.08
						223.4	-321.06	-51.66	0.0	8.40	0.0	0.0
190	46	3298.08	0.0	-0.08	-114.12	0.0	-387.86	62.46	0.0	9.51	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-336.63	-3.05	0.0	9.51	0.0	3298.08
						223.4	-298.62	-51.66	0.0	9.51	0.0	0.0
190	55	3298.08	0.0	-0.06	-114.12	0.0	-432.51	62.46	0.0	7.92	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-381.29	-3.05	0.0	7.92	0.0	3298.08
						223.4	-343.28	-51.66	0.0	7.92	0.0	0.0
190	58	3298.08	0.0	-0.07	-114.12	0.0	-366.65	62.46	0.0	9.71	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-315.43	-3.05	0.0	9.71	0.0	3298.08
						223.4	-277.42	-51.66	0.0	9.71	0.0	0.0
190	59	3298.08	0.0	-0.06	-114.12	0.0	-432.79	62.46	0.0	7.88	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-381.56	-3.05	0.0	7.88	0.0	3298.08
						223.4	-343.56	-51.66	0.0	7.88	0.0	0.0
190	62	3298.08	0.0	-0.07	-114.12	0.0	-366.37	62.46	0.0	9.75	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-315.15	-3.05	0.0	9.75	0.0	3298.08
						223.4	-277.14	-51.66	0.0	9.75	0.0	0.0
190	71	3298.08	0.0	-0.04	-114.12	0.0	-414.10	62.46	0.0	8.25	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-362.88	-3.05	0.0	8.25	0.0	3298.08
						223.4	-324.87	-51.66	0.0	8.25	0.0	0.0
190	78	3298.08	0.0	-0.09	-114.12	0.0	-383.68	62.46	0.0	9.76	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-332.46	-3.05	0.0	9.76	0.0	3298.08
						223.4	-294.45	-51.66	0.0	9.76	0.0	0.0
190	79	2634.80	0.0	-0.05	-91.25	0.0	-322.67	49.83	0.0	7.04	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-281.85	-2.38	0.0	7.04	0.0	2634.80
						223.4	-251.32	-41.42	0.0	7.04	0.0	0.0
190	83	7023.80	0.0	-0.11	-242.57	0.0	-828.84	133.40	0.0	17.42	0.0	0.0
		0.0	0.0	5.44e-03	0.0	111.7	-719.17	-6.85	0.0	17.42	0.0	7023.80
						223.4	-639.17	-109.17	0.0	17.42	0.0	0.0
190	85	8571.47	0.0	-0.14	-295.93	0.0	-1008.30	162.87	0.0	21.56	0.0	0.0
		0.0	0.0	3.60e-03	0.0	111.7	-874.35	-8.43	0.0	21.56	0.0	8571.47
						223.4	-776.90	-133.06	0.0	21.56	0.0	0.0
190	86	2634.80	0.0	-0.05	-91.25	0.0	-322.67	49.83	0.0	7.04	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-281.85	-2.38	0.0	7.04	0.0	2634.80
						223.4	-251.32	-41.42	0.0	7.04	0.0	0.0
190	88	3512.60	0.0	-0.07	-121.51	0.0	-423.90	66.54	0.0	9.11	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-369.32	-3.27	0.0	9.11	0.0	3512.60
						223.4	-328.89	-54.97	0.0	9.11	0.0	0.0
190	90	4175.88	0.0	-0.08	-144.38	0.0	-500.81	79.17	0.0	10.89	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-435.82	-3.95	0.0	10.89	0.0	4175.88
						223.4	-387.92	-65.21	0.0	10.89	0.0	0.0
190	91	2634.80	0.0	-0.05	-91.25	0.0	-322.67	49.83	0.0	7.04	0.0	0.0

		0.0	0.0	0.02	0.0	111.7	-281.85	-2.38	0.0	7.04	0.0	2634.80
						223.4	-251.32	-41.42	0.0	7.04	0.0	0.0
190	92	3298.08	0.0	-0.06	-114.12	0.0	-399.58	62.46	0.0	8.81	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-348.36	-3.05	0.0	8.81	0.0	3298.08
						223.4	-310.35	-51.66	0.0	8.81	0.0	0.0
191	5	1252.12	0.0	0.06	-34.07	0.0	-601.38	5.41	0.02	-13.23	-2.88	1098.35
		0.0	-2.88	0.02	0.0	75.0	-606.72	-5.17	0.02	-13.23	-1.44	1187.98
						150.0	-618.56	-28.66	0.02	-13.23	0.0	0.0
191	11	4932.65	62.20	0.23	-175.70	0.0	-1529.07	38.83	-0.41	-108.00	62.20	3229.53
		0.0	0.0	0.06	0.0	75.0	-1552.57	-7.79	-0.41	-108.00	31.10	4909.13
						150.0	-1617.63	-136.87	-0.41	-108.00	0.0	0.0
191	14	4278.97	57.52	0.20	-154.23	0.0	-1285.41	34.48	-0.38	-96.28	57.52	2745.83
		0.0	0.0	0.05	0.0	75.0	-1305.89	-6.14	-0.38	-96.28	28.76	4264.79
						150.0	-1363.15	-119.75	-0.38	-96.28	0.0	0.0
191	15	1578.94	26.80	0.07	-47.69	0.0	-749.64	8.76	-0.18	-28.49	26.80	1277.43
		0.0	0.0	0.04	0.0	75.0	-756.69	-5.23	-0.18	-28.49	13.40	1532.89
						150.0	-773.67	-38.93	-0.18	-28.49	0.0	0.0
191	18	1588.76	0.0	0.08	-47.69	0.0	-605.40	8.65	0.13	-16.76	-19.23	1293.14
		0.0	-19.23	0.02	0.0	75.0	-612.45	-5.34	0.13	-16.76	-9.62	1540.75
						150.0	-629.43	-39.04	0.13	-16.76	0.0	0.0
191	28	1569.87	19.33	0.05	-47.69	0.0	-792.30	8.85	-0.13	-27.99	19.33	1262.92
		0.0	0.0	0.03	0.0	75.0	-799.35	-5.13	-0.13	-27.99	9.66	1525.64
						150.0	-816.34	-38.83	-0.13	-27.99	0.0	0.0
191	29	1597.83	0.0	0.09	-47.69	0.0	-562.73	8.56	0.08	-17.25	-11.76	1307.65
		0.0	-11.76	0.03	0.0	75.0	-569.78	-5.43	0.08	-17.25	-5.88	1548.00
						150.0	-586.77	-39.13	0.08	-17.25	0.0	0.0
191	36	1565.22	4.19	0.05	-47.69	0.0	-766.15	8.90	-0.03	-24.89	4.19	1255.48
		0.0	0.0	0.01	0.0	75.0	-773.20	-5.09	-0.03	-24.89	2.09	1521.92
						150.0	-790.19	-38.78	-0.03	-24.89	0.0	0.0
191	41	1607.83	0.16	0.09	-47.69	0.0	-577.26	8.45	-1.07e-03	-20.14	0.16	1323.65
		0.0	0.0	0.04	0.0	75.0	-584.31	-5.54	-1.07e-03	-20.14	0.08	1556.00
						150.0	-601.30	-39.24	-1.07e-03	-20.14	0.0	0.0
191	47	1577.20	35.00	0.06	-47.69	0.0	-775.31	8.78	-0.23	-30.57	35.00	1274.64
		0.0	0.0	0.04	0.0	75.0	-782.36	-5.21	-0.23	-30.57	17.50	1531.50
						150.0	-799.35	-38.91	-0.23	-30.57	0.0	0.0
191	50	1590.51	0.0	0.08	-47.69	0.0	-579.72	8.63	0.18	-14.67	-27.43	1295.94
		0.0	-27.43	0.01	0.0	75.0	-586.77	-5.35	0.18	-14.67	-13.71	1542.15
						150.0	-603.76	-39.05	0.18	-14.67	0.0	0.0
191	60	1564.90	24.86	0.05	-47.69	0.0	-833.17	8.91	-0.17	-29.90	24.86	1254.96
		0.0	0.0	0.03	0.0	75.0	-840.22	-5.08	-0.17	-29.90	12.43	1521.66
						150.0	-857.20	-38.78	-0.17	-29.90	0.0	0.0
191	61	1602.81	0.0	0.09	-47.69	0.0	-521.87	8.50	0.12	-15.34	-17.29	1315.61
		0.0	-17.29	0.03	0.0	75.0	-528.92	-5.49	0.12	-15.34	-8.65	1551.99
						150.0	-545.90	-39.19	0.12	-15.34	0.0	0.0
191	68	1558.59	4.33	0.04	-47.69	0.0	-797.70	8.98	-0.03	-25.69	4.33	1244.87
		0.0	0.0	8.04e-03	0.0	75.0	-804.76	-5.01	-0.03	-25.69	2.16	1516.61
						150.0	-821.74	-38.71	-0.03	-25.69	0.0	0.0
191	73	1616.37	0.0	0.10	-47.69	0.0	-541.57	8.36	7.54e-03	-19.25	-1.13	1337.31
		0.0	-1.13	0.05	0.0	75.0	-548.62	-5.63	7.54e-03	-19.25	-0.57	1562.83
						150.0	-565.61	-39.33	7.54e-03	-19.25	0.0	0.0
191	79	1368.24	0.0	0.06	-38.96	0.0	-628.88	6.60	3.15e-03	-16.60	-0.47	1165.39
		0.0	-0.47	0.02	0.0	75.0	-634.83	-5.21	3.15e-03	-16.60	-0.24	1313.17
						150.0	-648.52	-32.36	3.15e-03	-16.60	0.0	0.0
191	85	3385.77	39.79	0.16	-119.07	0.0	-1084.90	25.98	-0.27	-71.97	39.79	2263.71
		0.0	0.0	0.04	0.0	75.0	-1100.95	-5.86	-0.27	-71.97	19.90	3364.38
						150.0	-1144.92	-93.09	-0.27	-71.97	0.0	0.0
191	86	1368.24	0.0	0.06	-38.96	0.0	-628.88	6.60	3.15e-03	-16.60	-0.47	1165.39
		0.0	-0.47	0.02	0.0	75.0	-634.83	-5.21	3.15e-03	-16.60	-0.24	1313.17
						150.0	-648.52	-32.36	3.15e-03	-16.60	0.0	0.0
191	90	1878.69	9.85	0.09	-59.64	0.0	-746.02	11.60	-0.07	-30.89	9.85	1449.00
		0.0	0.0	0.03	0.0	75.0	-754.58	-5.38	-0.07	-30.89	4.93	1842.69
						150.0	-776.08	-48.04	-0.07	-30.89	0.0	0.0
191	91	1368.24	0.0	0.06	-38.96	0.0	-628.88	6.60	3.15e-03	-16.60	-0.47	1165.39
		0.0	-0.47	0.02	0.0	75.0	-634.83	-5.21	3.15e-03	-16.60	-0.24	1313.17
						150.0	-648.52	-32.36	3.15e-03	-16.60	0.0	0.0
191	92	1583.85	3.79	0.07	-47.69	0.0	-677.52	8.71	-0.03	-22.62	3.79	1285.29
		0.0	0.0	0.03	0.0	75.0	-684.57	-5.28	-0.03	-22.62	1.89	1536.82
						150.0	-701.55	-38.98	-0.03	-22.62	0.0	0.0
192	1	16.58	68.29	-2.10e-03	-8.17	0.0	-136.76	6.54	-0.67	3.51	68.29	-249.72
		-249.72	0.0	0.04	0.0	50.9	-136.76	2.45	-0.67	3.51	34.14	-20.82
						101.8	-136.76	-1.63	-0.67	3.51	0.0	0.0
192	5	8.35	50.33	-1.34e-03	-6.29	0.0	-43.21	5.26	-0.49	4.12	50.33	-215.54
		-215.54	0.0	0.03	0.0	50.9	-43.21	2.12	-0.49	4.12	25.17	-27.74
						101.8	-43.21	-1.03	-0.49	4.12	0.0	0.0
192	8	171.15	71.95	-5.75e-03	-6.29	0.0	-742.57	1.69	-0.71	-10.38	71.95	148.17
		0.0	0.0	0.04	0.0	50.9	-742.57	-1.46	-0.71	-10.38	35.98	154.11
						101.8	-742.57	-4.60	-0.71	-10.38	0.0	0.0

192	11	294.26 0.0	95.01 0.0	-8.88e-03 0.05	-8.17 0.0	0.0 50.9 101.8	-1113.99 -1113.99 -1113.99	1.30 -2.79 -6.88	-0.93 -0.93 -0.93	-16.78 -16.78 -16.78	95.01 47.51 0.0	284.14 246.11 0.0
192	14	318.32 0.0	77.06 0.0	-8.12e-03 0.04	-6.29 0.0	0.0 50.9 101.8	-1020.44 -1020.44 -1020.44	0.02 -3.13 -6.27	-0.76 -0.76 -0.76	-16.17 -16.17 -16.17	77.06 38.53 0.0	318.32 239.19 0.0
192	24	0.0 -317.58	43.29 0.0	-3.83e-03 0.04	-6.29 0.0	0.0 50.9 101.8	-16.55 -16.55 -16.55	6.26 3.12 -0.02	-0.43 -0.43 -0.43	2.43 2.43 2.43	43.29 21.65 0.0	-317.58 -78.76 0.0
192	25	66.77 -27.45	64.94 0.0	2.18e-04 0.03	-6.29 0.0	0.0 50.9 101.8	-269.63 -269.63 -269.63	3.41 0.27 -2.87	-0.64 -0.64 -0.64	1.53 1.53 1.53	64.94 32.47 0.0	-27.45 66.31 0.0
192	36	0.0 -356.84	74.82 0.0	-4.40e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-42.00 -42.00 -42.00	6.65 3.50 0.36	-0.73 -0.73 -0.73	0.67 0.67 0.67	74.82 37.41 0.0	-356.84 -98.39 0.0
192	37	85.94 0.0	33.41 0.0	7.81e-04 0.03	-6.29 0.0	0.0 50.9 101.8	-244.18 -244.18 -244.18	3.03 -0.12 -3.26	-0.33 -0.33 -0.33	3.28 3.28 3.28	33.41 16.71 0.0	11.82 85.94 0.0
192	46	1.70 -272.88	88.00 0.0	-3.41e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-118.86 -118.86 -118.86	5.82 2.68 -0.46	-0.86 -0.86 -0.86	0.33 0.33 0.33	88.00 44.00 0.0	-272.88 -56.41 0.0
192	56	0.0 -369.22	39.44 0.0	-4.56e-03 0.04	-6.29 0.0	0.0 50.9 101.8	28.49 28.49 28.49	6.77 3.63 0.48	-0.39 -0.39 -0.39	2.59 2.59 2.59	39.44 19.72 0.0	-369.22 -104.58 0.0
192	57	92.39 0.0	68.79 0.0	9.40e-04 0.03	-6.29 0.0	0.0 50.9 101.8	-314.67 -314.67 -314.67	2.91 -0.24 -3.38	-0.68 -0.68 -0.68	1.37 1.37 1.37	68.79 34.40 0.0	24.20 92.13 0.0
192	68	0.0 -422.46	82.18 0.0	-5.32e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-6.01 -6.01 -6.01	7.29 4.15 1.01	-0.81 -0.81 -0.81	0.21 0.21 0.21	82.18 41.09 0.0	-422.46 -131.20 0.0
192	69	123.43 0.0	26.05 0.0	1.70e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-280.17 -280.17 -280.17	2.38 -0.76 -3.90	-0.26 -0.26 -0.26	3.75 3.75 3.75	26.05 13.02 0.0	77.44 118.75 0.0
192	78	0.0 -308.61	100.06 0.0	-3.98e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-110.24 -110.24 -110.24	6.17 3.03 -0.11	-0.98 -0.98 -0.98	-0.25 -0.25 -0.25	100.06 50.03 0.0	-308.61 -74.27 0.0
192	79	10.84 -202.29	51.57 0.0	-1.50e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-78.24 -78.24 -78.24	5.13 1.99 -1.16	-0.51 -0.51 -0.51	3.32 3.32 3.32	51.57 25.79 0.0	-202.29 -21.11 0.0
192	82	101.38 0.0	65.99 0.0	-4.43e-03 0.04	-6.29 0.0	0.0 50.9 101.8	-544.49 -544.49 -544.49	2.75 -0.39 -3.54	-0.65 -0.65 -0.65	-6.35 -6.35 -6.35	65.99 32.99 0.0	40.18 100.12 0.0
192	85	175.24 0.0	69.39 0.0	-6.01e-03 0.04	-6.29 0.0	0.0 50.9 101.8	-729.73 -729.73 -729.73	1.64 -1.51 -4.65	-0.68 -0.68 -0.68	-10.21 -10.21 -10.21	69.39 34.69 0.0	153.62 156.84 0.0
192	86	10.84 -202.29	51.57 0.0	-1.50e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-78.24 -78.24 -78.24	5.13 1.99 -1.16	-0.51 -0.51 -0.51	3.32 3.32 3.32	51.57 25.79 0.0	-202.29 -21.11 0.0
192	87	21.86 -152.66	55.81 0.0	-2.02e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-186.32 -186.32 -186.32	4.64 1.50 -1.64	-0.55 -0.55 -0.55	1.08 1.08 1.08	55.81 27.90 0.0	-152.66 3.70 0.0
192	90	32.77 -115.23	56.49 0.0	-2.57e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-243.13 -243.13 -243.13	4.28 1.13 -2.01	-0.55 -0.55 -0.55	-0.10 -0.10 -0.10	56.49 28.25 0.0	-115.23 22.42 0.0
192	91	10.84 -202.29	51.57 0.0	-1.50e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-78.24 -78.24 -78.24	5.13 1.99 -1.16	-0.51 -0.51 -0.51	3.32 3.32 3.32	51.57 25.79 0.0	-202.29 -21.11 0.0
192	92	16.90 -172.51	54.12 0.0	-1.81e-03 0.03	-6.29 0.0	0.0 50.9 101.8	-143.09 -143.09 -143.09	4.84 1.69 -1.45	-0.53 -0.53 -0.53	1.98 1.98 1.98	54.12 27.06 0.0	-172.51 -6.22 0.0
193	1	0.0 -396.12	0.0 -17.22	-8.14e-03 0.03	-8.03 0.0	0.0 50.0 100.0	-146.98 -146.98 -146.98	7.97 3.96 -0.05	0.17 0.17 0.17	12.08 12.08 12.08	-17.22 -8.61 0.0	-396.12 -97.73 0.0
193	5	0.0 -314.23	0.0 -12.10	-6.90e-03 0.02	-6.17 0.0	0.0 50.0 100.0	-49.38 -49.38 -49.38	6.23 3.14 0.06	0.12 0.12 0.12	8.47 8.47 8.47	-12.10 -6.05 0.0	-314.23 -79.94 0.0
193	8	37.90 -91.87	0.0 -23.52	5.61e-04 0.03	-6.17 0.0	0.0 50.0 100.0	-765.66 -765.66 -765.66	4.01 0.92 -2.17	0.24 0.24 0.24	16.51 16.51 16.51	-23.52 -11.76 0.0	-91.87 31.24 0.0
193	11	85.95 -29.27	0.0 -32.95	2.68e-03 0.03	-8.03 0.0	0.0 50.0 100.0	-1146.96 -1146.96 -1146.96	4.31 0.29 -3.72	0.33 0.33 0.33	22.38 22.38 22.38	-32.95 -16.48 0.0	-29.27 85.69 0.0
193	14	105.56 0.0	0.0 -27.84	3.92e-03 0.02	-6.17 0.0	0.0 50.0 100.0	-1049.36 -1049.36 -1049.36	2.56 -0.53 -3.61	0.28 0.28 0.28	18.77 18.77 18.77	-27.84 -13.92 0.0	52.61 103.48 0.0
193	24	0.0 -567.37	0.0 -8.73	-0.01 0.03	-6.17 0.0	0.0 50.0	-60.26 -60.26	8.76 5.67	0.09 0.09	9.95 9.95	-8.73 -4.36	-567.37 -206.51

193	25	64.43	0.0	2.39e-03	-6.17	100.0	-60.26	2.59	0.09	9.95	0.0	0.0
		-26.37	-18.95	0.02	0.0	0.0	-243.60	3.35	0.19	9.70	-18.95	-26.37
						50.0	-243.60	0.26	0.19	9.70	-9.48	63.99
193	31	0.61	0.0	-4.43e-03	-6.17	100.0	-243.60	-2.82	0.19	9.70	0.0	0.0
		-279.59	-39.35	0.02	0.0	0.0	-202.65	5.88	0.39	8.45	-39.35	-279.59
						50.0	-202.65	2.80	0.39	8.45	-19.68	-62.62
193	34	0.0	11.67	-7.39e-03	-6.17	100.0	-202.65	-0.29	0.39	8.45	0.0	0.0
		-314.15	0.0	0.03	0.0	0.0	-101.21	6.23	-0.12	11.20	11.67	-314.15
						50.0	-101.21	3.14	-0.12	11.20	5.83	-79.90
193	56	0.0	0.0	-0.02	-6.17	100.0	-101.21	0.05	-0.12	11.20	0.0	0.0
		-663.66	-6.91	0.03	0.0	0.0	-27.63	9.72	0.07	9.99	-6.91	-663.66
						50.0	-27.63	6.64	0.07	9.99	-3.46	-254.66
193	57	116.05	0.0	5.35e-03	-6.17	100.0	-27.63	3.55	0.07	9.99	0.0	0.0
		0.0	-20.77	0.02	0.0	0.0	-276.23	2.39	0.21	9.66	-20.77	69.92
						50.0	-276.23	-0.70	0.21	9.66	-10.39	112.14
193	63	1.00	0.0	-3.90e-03	-6.17	100.0	-276.23	-3.79	0.21	9.66	0.0	0.0
		-273.43	-48.43	0.02	0.0	0.0	-220.70	5.82	0.48	7.96	-48.43	-273.43
						50.0	-220.70	2.73	0.48	7.96	-24.22	-59.54
193	66	0.0	20.75	-7.92e-03	-6.17	100.0	-220.70	-0.35	0.48	7.96	0.0	0.0
		-320.30	0.0	0.03	0.0	0.0	-83.15	6.29	-0.21	11.69	20.75	-320.30
						50.0	-83.15	3.20	-0.21	11.69	10.37	-82.98
193	79	0.0	0.0	-6.54e-03	-6.17	100.0	-83.15	0.12	-0.21	11.69	0.0	0.0
		-308.85	-12.75	0.02	0.0	0.0	-85.38	6.18	0.13	8.94	-12.75	-308.85
						50.0	-85.38	3.09	0.13	8.94	-6.37	-77.25
193	82	17.73	0.0	-1.57e-03	-6.17	100.0	-85.38	1.50e-03	0.13	8.94	0.0	0.0
		-160.61	-20.36	0.03	0.0	0.0	-562.90	4.69	0.20	14.30	-20.36	-160.61
						50.0	-562.90	1.61	0.20	14.30	-10.18	-3.13
193	85	48.24	0.0	6.77e-04	-6.17	100.0	-562.90	-1.48	0.20	14.30	0.0	0.0
		-64.29	-23.24	0.02	0.0	0.0	-752.03	3.73	0.23	15.80	-23.24	-64.29
						50.0	-752.03	0.64	0.23	15.80	-11.62	45.03
193	86	0.0	0.0	-6.54e-03	-6.17	100.0	-752.03	-2.44	0.23	15.80	0.0	0.0
		-308.85	-12.75	0.02	0.0	0.0	-85.38	6.18	0.13	8.94	-12.75	-308.85
						50.0	-85.38	3.09	0.13	8.94	-6.37	-77.25
193	87	0.03	0.0	-5.49e-03	-6.17	100.0	-85.38	1.50e-03	0.13	8.94	0.0	0.0
		-288.88	-14.57	0.02	0.0	0.0	-196.30	5.98	0.15	10.42	-14.57	-288.88
						50.0	-196.30	2.89	0.15	10.42	-7.28	-67.27
193	90	2.24	0.0	-4.76e-03	-6.17	100.0	-196.30	-0.20	0.15	10.42	0.0	0.0
		-253.55	-15.43	0.02	0.0	0.0	-254.20	5.62	0.15	10.78	-15.43	-253.55
						50.0	-254.20	2.54	0.15	10.78	-7.71	-49.60
193	91	0.0	0.0	-6.54e-03	-6.17	100.0	-254.20	-0.55	0.15	10.78	0.0	0.0
		-308.85	-12.75	0.02	0.0	0.0	-85.38	6.18	0.13	8.94	-12.75	-308.85
						50.0	-85.38	3.09	0.13	8.94	-6.37	-77.25
193	92	0.0	0.0	-5.91e-03	-6.17	100.0	-85.38	1.50e-03	0.13	8.94	0.0	0.0
		-296.87	-13.84	0.02	0.0	0.0	-151.93	6.06	0.14	9.83	-13.84	-296.87
						50.0	-151.93	2.97	0.14	9.83	-6.92	-71.26
203	1	5656.25	39.18	0.02	-34.44	100.0	-151.93	-0.12	0.14	9.83	0.0	0.0
		2973.02	-130.02	5.14e-03	0.0	0.0	-1289.94	-8.50	1.35	-1.04	-130.02	5656.25
						62.5	-1295.40	-19.35	1.35	-1.04	-45.42	4852.58
203	5	3646.35	31.28	9.21e-03	-21.57	125.0	-1307.30	-42.94	1.35	-1.04	39.18	2973.02
		1882.61	-110.28	3.42e-03	0.0	0.0	-909.12	-5.78	1.13	-1.19	-110.28	3646.35
						62.5	-912.71	-12.89	1.13	-1.19	-39.50	3101.40
203	11	1.545e+04	22.43	0.05	-102.80	125.0	-919.99	-27.35	1.13	-1.19	31.28	1882.61
		8587.87	10.94	0.01	0.0	0.0	-2437.45	-19.13	0.09	4.49	10.94	1.545e+04
						62.5	-2451.53	-47.07	0.09	4.49	16.69	1.362e+04
203	17	4982.63	77.60	0.02	-29.32	125.0	-2489.27	-121.93	0.09	4.49	22.43	8587.87
		2427.66	45.56	0.01	0.0	0.0	-956.69	-9.44	-0.26	0.32	77.60	4982.63
						62.5	-961.26	-18.50	-0.26	0.32	61.58	4163.13
203	19	4573.42	23.40	-0.01	-29.32	125.0	-971.47	-38.76	-0.26	0.32	45.56	2427.66
		2657.06	-202.91	2.81e-03	0.0	0.0	-1164.27	-4.39	1.81	-1.80	-202.91	4573.42
						62.5	-1168.83	-13.44	1.81	-1.80	-89.76	4073.21
203	22	4937.71	35.57	0.03	-29.32	125.0	-1179.05	-33.71	1.81	-1.80	23.40	2657.06
		2381.40	14.80	8.40e-03	0.0	0.0	-916.65	-9.56	0.17	0.64	14.80	4937.71
						62.5	-921.21	-18.62	0.17	0.64	25.19	4117.53
203	24	4534.76	3.97	9.54e-03	-29.32	125.0	-931.43	-38.88	0.17	0.64	35.57	2381.40
		2649.59	-282.70	-4.61e-03	0.0	0.0	-1110.63	-4.25	2.30	-2.49	-282.70	4534.76
						62.5	-1115.19	-13.30	2.30	-2.49	-139.36	4050.16
203	25	4976.36	94.59	0.02	-29.32	125.0	-1125.41	-33.57	2.30	-2.49	3.97	2649.59
		2388.87	55.00	0.01	0.0	0.0	-970.29	-9.70	-0.32	1.33	94.59	4976.36
						62.5	-974.85	-18.75	-0.32	1.33	74.79	4140.59
203	26	4921.73	42.85	0.02	-29.32	125.0	-985.07	-39.02	-0.32	1.33	55.00	2388.87
		2339.80	27.77	7.36e-03	0.0	0.0	-935.22	-9.82	0.12	1.44	27.77	4921.73
						62.5	-939.78	-18.87	0.12	1.44	35.31	4088.74
203	49	5063.47	138.71	0.02	-29.32	125.0	-950.00	-39.14	0.12	1.44	42.85	2339.80
		2395.06	51.29	0.02	0.0	0.0	-926.87	-10.32	-0.70	0.64	138.71	5063.47
						62.5	-931.44	-19.37	-0.70	0.64	95.00	4187.24
203	51	4508.57	21.24	-0.02	-29.32	125.0	-941.65	-39.64	-0.70	0.64	51.29	2395.06
						0.0	-1208.34	-3.46	2.10	-2.24	-241.67	4508.57

		2706.12	-241.67	2.86e-03	0.0	62.5	-1212.91	-12.52	2.10	-2.24	-110.21	4065.33
						125.0	-1223.12	-32.78	2.10	-2.24	21.24	2706.12
203	54	5002.55	53.55	0.03	-29.32	0.0	-872.57	-10.48	-0.13	1.08	53.55	5002.55
		2332.34	37.74	9.87e-03	0.0	62.5	-877.14	-19.54	-0.13	1.08	45.65	4125.42
						125.0	-887.35	-39.81	-0.13	1.08	37.74	2332.34
203	56	4456.16	-5.11	-9.73e-03	-29.32	0.0	-1135.61	-3.28	2.76	-3.18	-349.86	4456.16
		2696.00	-349.86	-7.77e-03	0.0	62.5	-1140.17	-12.33	2.76	-3.18	-177.48	4034.06
						125.0	-1150.39	-32.60	2.76	-3.18	-5.11	2696.00
203	57	5054.97	161.75	0.02	-29.32	0.0	-945.31	-10.67	-0.78	2.01	161.75	5054.97
		2342.46	64.08	0.02	0.0	62.5	-949.87	-19.73	-0.78	2.01	112.92	4156.69
						125.0	-960.09	-39.99	-0.78	2.01	64.08	2342.46
203	58	4980.88	71.13	0.03	-29.32	0.0	-897.76	-10.83	-0.19	2.16	71.13	4980.88
		2275.92	47.60	8.46e-03	0.0	62.5	-902.32	-19.88	-0.19	2.16	59.37	4086.38
						125.0	-912.54	-40.15	-0.19	2.16	47.60	2275.92
203	79	4044.61	30.64	0.01	-24.35	0.0	-956.11	-6.21	1.08	-0.97	-104.48	4044.61
		2111.15	-104.48	3.72e-03	0.0	62.5	-960.05	-14.02	1.08	-0.97	-36.92	3458.25
						125.0	-968.39	-30.56	1.08	-0.97	30.64	2111.15
203	85	1.057e+04	19.47	0.03	-69.92	0.0	-1721.12	-13.30	0.24	2.72	-10.50	1.057e+04
		5854.38	-10.50	7.64e-03	0.0	62.5	-1730.80	-32.50	0.24	2.72	4.49	9305.33
						125.0	-1756.37	-83.22	0.24	2.72	19.47	5854.38
203	86	4044.61	30.64	0.01	-24.35	0.0	-956.11	-6.21	1.08	-0.97	-104.48	4044.61
		2111.15	-104.48	3.72e-03	0.0	62.5	-960.05	-14.02	1.08	-0.97	-36.92	3458.25
						125.0	-968.39	-30.56	1.08	-0.97	30.64	2111.15
203	90	5729.26	27.79	0.02	-36.12	0.0	-1154.10	-8.03	0.86	-0.02	-80.12	5729.26
		3077.44	-80.12	4.80e-03	0.0	62.5	-1159.52	-18.79	0.86	-0.02	-26.17	4967.47
						125.0	-1172.30	-44.15	0.86	-0.02	27.79	3077.44
203	91	4044.61	30.64	0.01	-24.35	0.0	-956.11	-6.21	1.08	-0.97	-104.48	4044.61
		2111.15	-104.48	3.72e-03	0.0	62.5	-960.05	-14.02	1.08	-0.97	-36.92	3458.25
						125.0	-968.39	-30.56	1.08	-0.97	30.64	2111.15
203	92	4755.56	29.49	0.01	-29.32	0.0	-1040.46	-6.97	0.99	-0.58	-94.06	4755.56
		2519.23	-94.06	4.27e-03	0.0	62.5	-1045.02	-16.03	0.99	-0.58	-32.28	4095.37
						125.0	-1055.24	-36.30	0.99	-0.58	29.49	2519.23
204	5	3529.31	127.28	-8.74e-03	-21.54	0.0	-884.50	-10.40	-1.02	19.14	127.28	3529.31
		1189.36	-0.31	0.01	0.0	62.5	-888.09	-17.50	-1.02	19.14	63.49	2695.78
						125.0	-895.36	-31.94	-1.02	19.14	-0.31	1189.36
204	11	1.443e+04	311.74	-0.03	-102.63	0.0	-2457.45	-50.38	-1.71	111.97	311.74	1.443e+04
		3672.81	98.22	0.02	0.0	62.5	-2471.51	-78.27	-1.71	111.97	204.98	1.065e+04
						125.0	-2509.17	-153.00	-1.71	111.97	98.22	3672.81
204	15	4854.27	284.75	-0.01	-29.27	0.0	-1115.03	-16.59	-1.95	31.46	284.75	4854.27
		1415.98	41.37	0.02	0.0	62.5	-1119.59	-25.64	-1.95	31.46	163.06	3592.38
						125.0	-1129.79	-45.87	-1.95	31.46	41.37	1415.98
204	18	4244.67	-0.23	-9.01e-03	-29.27	0.0	-921.57	-11.84	-0.17	24.92	-0.23	4244.67
		1404.04	-21.75	0.01	0.0	62.5	-926.13	-20.88	-0.17	24.92	-10.99	3281.61
						125.0	-936.32	-41.11	-0.17	24.92	-21.75	1404.04
204	28	4622.23	218.58	-0.02	-29.27	0.0	-1162.38	-14.90	-1.56	29.87	218.58	4622.23
		1391.67	23.78	0.02	0.0	62.5	-1166.94	-23.94	-1.56	29.87	121.18	3464.21
						125.0	-1177.14	-44.18	-1.56	29.87	23.78	1391.67
204	29	4476.70	65.94	0.02	-29.27	0.0	-874.22	-13.53	-0.56	26.51	65.94	4476.70
		1428.35	-4.16	0.02	0.0	62.5	-878.78	-22.57	-0.56	26.51	30.89	3409.78
						125.0	-888.98	-42.81	-0.56	26.51	-4.16	1428.35
204	31	4902.72	261.04	0.02	-29.27	0.0	-990.25	-16.79	-1.80	29.73	261.04	4902.72
		1442.04	36.09	0.03	0.0	62.5	-994.81	-25.83	-1.80	29.73	148.57	3629.64
						125.0	-1005.00	-46.06	-1.80	29.73	36.09	1442.04
204	44	4335.93	93.81	-0.02	-29.27	0.0	-1135.74	-12.82	-0.72	28.33	93.81	4335.93
		1369.17	3.92	5.00e-03	0.0	62.5	-1140.30	-21.86	-0.72	28.33	48.86	3309.81
						125.0	-1150.50	-42.09	-0.72	28.33	3.92	1369.17
204	47	4962.78	335.48	-0.01	-29.27	0.0	-1149.47	-17.44	-2.26	32.62	335.48	4962.78
		1418.11	52.61	0.02	0.0	62.5	-1154.03	-26.48	-2.26	32.62	194.04	3647.70
						125.0	-1164.23	-46.72	-2.26	32.62	52.61	1418.11
204	50	4136.16	-32.98	-8.50e-03	-29.27	0.0	-887.13	-10.99	0.14	23.75	-50.96	4136.16
		1401.91	-50.96	8.01e-03	0.0	62.5	-891.69	-20.03	0.14	23.75	-41.97	3226.29
						125.0	-901.89	-40.27	0.14	23.75	-32.98	1401.91
204	60	4648.13	245.75	-0.02	-29.27	0.0	-1213.67	-15.14	-1.74	30.47	245.75	4648.13
		1385.14	28.75	0.02	0.0	62.5	-1218.23	-24.19	-1.74	30.47	137.25	3473.90
						125.0	-1228.43	-44.42	-1.74	30.47	28.75	1385.14
204	61	4450.80	38.77	0.02	-29.27	0.0	-822.93	-13.29	-0.38	25.91	38.77	4450.80
		1434.87	-9.13	0.02	0.0	62.5	-827.49	-22.33	-0.38	25.91	14.82	3400.09
						125.0	-837.68	-42.56	-0.38	25.91	-9.13	1434.87
204	63	5028.48	303.33	0.02	-29.27	0.0	-980.26	-17.70	-2.06	30.28	303.33	5028.48
		1453.44	45.44	0.03	0.0	62.5	-984.82	-26.74	-2.06	30.28	174.39	3698.22
						125.0	-995.02	-46.97	-2.06	30.28	45.44	1453.44
204	76	4259.92	76.57	-0.02	-29.27	0.0	-1177.55	-12.32	-0.59	28.38	76.57	4259.92
		1354.63	1.82	1.19e-03	0.0	62.5	-1182.11	-21.36	-0.59	28.38	39.19	3264.53
						125.0	-1192.31	-41.59	-0.59	28.38	1.82	1354.63
204	79	3895.49	132.68	-9.30e-03	-24.32	0.0	-932.76	-11.77	-1.04	22.38	132.68	3895.49
		1268.50	3.33	0.02	0.0	62.5	-936.69	-19.57	-1.04	22.38	68.00	2961.81
						125.0	-945.02	-36.09	-1.04	22.38	3.33	1268.50

204	85	9894.94	221.92	-0.02	-69.81	0.0	-1730.50	-34.24	-1.27	75.46	221.92	9894.94
		2564.92	63.50	0.02	0.0	62.5	-1740.16	-53.42	-1.27	75.46	142.71	7320.31
						125.0	-1765.68	-104.05	-1.27	75.46	63.50	2564.92
204	86	3895.49	132.68	-9.30e-03	-24.32	0.0	-932.76	-11.77	-1.04	22.38	132.68	3895.49
		1268.50	3.33	0.02	0.0	62.5	-936.69	-19.57	-1.04	22.38	68.00	2961.81
						125.0	-945.02	-36.09	-1.04	22.38	3.33	1268.50
204	90	5444.17	155.64	-0.01	-36.06	0.0	-1137.93	-17.57	-1.09	36.09	155.64	5444.17
		1603.25	18.82	0.02	0.0	62.5	-1143.34	-28.31	-1.09	36.09	87.23	4086.94
						125.0	-1156.10	-53.63	-1.09	36.09	18.82	1603.25
204	91	3895.49	132.68	-9.30e-03	-24.32	0.0	-932.76	-11.77	-1.04	22.38	132.68	3895.49
		1268.50	3.33	0.02	0.0	62.5	-936.69	-19.57	-1.04	22.38	68.00	2961.81
						125.0	-945.02	-36.09	-1.04	22.38	3.33	1268.50
204	92	4549.47	142.26	-0.01	-29.27	0.0	-1018.30	-14.22	-1.06	28.19	142.26	4549.47
		1410.01	9.81	0.02	0.0	62.5	-1022.86	-23.26	-1.06	28.19	76.04	3437.00
						125.0	-1033.06	-43.49	-1.06	28.19	9.81	1410.01
205	5	6282.52	0.0	-0.16	-142.51	0.0	-100.39	71.26	0.0	-8.98	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-156.01	-9.82e-06	0.0	-8.98	0.0	6282.52
						352.7	-211.63	-71.26	0.0	-8.98	0.0	0.0
205	7	1.563e+04	0.0	-0.38	-354.60	0.0	-234.01	177.30	0.0	-9.52	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-372.40	-2.67e-05	0.0	-9.52	0.0	1.563e+04
						352.7	-510.79	-177.30	0.0	-9.52	0.0	0.0
205	9	2.914e+04	0.0	-0.69	-660.92	0.0	-428.08	330.46	0.0	-10.31	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-686.02	-4.03e-05	0.0	-10.31	0.0	2.914e+04
						352.7	-943.96	-330.46	0.0	-10.31	0.0	0.0
205	11	3.568e+04	0.0	-0.84	-809.38	0.0	-521.61	404.69	0.0	-10.69	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-837.49	-5.21e-05	0.0	-10.69	0.0	3.568e+04
						352.7	-1153.37	-404.69	0.0	-10.69	0.0	0.0
205	32	9199.64	0.0	-0.25	-208.68	0.0	-151.47	104.34	0.0	-9.07	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-232.92	-1.49e-05	0.0	-9.07	0.0	9199.64
						352.7	-314.36	-104.34	0.0	-9.07	0.0	0.0
205	33	9199.64	0.0	-0.21	-208.68	0.0	-132.80	104.34	0.0	-9.15	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-214.24	-1.49e-05	0.0	-9.15	0.0	9199.64
						352.7	-295.69	-104.34	0.0	-9.15	0.0	0.0
205	38	9199.64	0.0	-0.25	-208.68	0.0	-150.15	104.34	0.0	-8.21	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-231.60	-1.49e-05	0.0	-8.21	0.0	9199.64
						352.7	-313.04	-104.34	0.0	-8.21	0.0	0.0
205	44	9199.64	0.0	-0.25	-208.68	0.0	-152.41	104.34	0.0	-8.88	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-233.85	-1.49e-05	0.0	-8.88	0.0	9199.64
						352.7	-315.30	-104.34	0.0	-8.88	0.0	0.0
205	45	9199.64	0.0	-0.21	-208.68	0.0	-131.86	104.34	0.0	-9.33	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-213.30	-1.49e-05	0.0	-9.33	0.0	9199.64
						352.7	-294.75	-104.34	0.0	-9.33	0.0	0.0
205	64	9199.64	0.0	-0.26	-208.68	0.0	-154.80	104.34	0.0	-9.05	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-236.24	-1.49e-05	0.0	-9.05	0.0	9199.64
						352.7	-317.68	-104.34	0.0	-9.05	0.0	0.0
205	65	9199.64	0.0	-0.21	-208.68	0.0	-129.47	104.34	0.0	-9.17	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-210.92	-1.49e-05	0.0	-9.17	0.0	9199.64
						352.7	-292.36	-104.34	0.0	-9.17	0.0	0.0
205	70	9199.64	0.0	-0.25	-208.68	0.0	-153.01	104.34	0.0	-7.89	0.0	0.0
		0.0	0.0	8.78e-03	0.0	176.3	-234.45	-1.49e-05	0.0	-7.89	0.0	9199.64
						352.7	-315.89	-104.34	0.0	-7.89	0.0	0.0
205	76	9199.64	0.0	-0.26	-208.68	0.0	-156.07	104.34	0.0	-8.80	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-237.51	-1.49e-05	0.0	-8.80	0.0	9199.64
						352.7	-318.96	-104.34	0.0	-8.80	0.0	0.0
205	77	9199.64	0.0	-0.21	-208.68	0.0	-128.20	104.34	0.0	-9.41	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-209.65	-1.49e-05	0.0	-9.41	0.0	9199.64
						352.7	-291.09	-104.34	0.0	-9.41	0.0	0.0
205	79	7329.69	0.0	-0.19	-166.27	0.0	-115.41	83.13	0.0	-9.00	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-180.30	-1.16e-05	0.0	-9.00	0.0	7329.69
						352.7	-245.19	-83.13	0.0	-9.00	0.0	0.0
205	81	1.356e+04	0.0	-0.33	-307.66	0.0	-204.49	153.83	0.0	-9.36	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-324.56	-2.28e-05	0.0	-9.36	0.0	1.356e+04
						352.7	-444.63	-153.83	0.0	-9.36	0.0	0.0
205	83	1.970e+04	0.0	-0.47	-446.95	0.0	-290.76	223.47	0.0	-8.06	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-465.19	-2.72e-05	0.0	-8.06	0.0	1.970e+04
						352.7	-639.63	-223.47	0.0	-8.06	0.0	0.0
205	85	2.407e+04	0.0	-0.57	-545.92	0.0	-353.12	272.96	0.0	-8.31	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-566.18	-3.51e-05	0.0	-8.31	0.0	2.407e+04
						352.7	-779.24	-272.96	0.0	-8.31	0.0	0.0
205	86	7329.69	0.0	-0.19	-166.27	0.0	-115.41	83.13	0.0	-9.00	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-180.30	-1.16e-05	0.0	-9.00	0.0	7329.69
						352.7	-245.19	-83.13	0.0	-9.00	0.0	0.0
205	87	1.045e+04	0.0	-0.26	-236.96	0.0	-159.95	118.48	0.0	-9.18	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-252.43	-1.72e-05	0.0	-9.18	0.0	1.045e+04
						352.7	-344.91	-118.48	0.0	-9.18	0.0	0.0
205	88	9804.40	0.0	-0.24	-222.40	0.0	-150.48	111.20	0.0	-8.81	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-237.28	-1.47e-05	0.0	-8.81	0.0	9804.40

						352.7	-324.08	-111.20	0.0	-8.81	0.0	0.0
205	90	1.167e+04	0.0	-0.29	-264.82	0.0	-177.21	132.41	0.0	-8.92	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-280.56	-1.81e-05	0.0	-8.92	0.0	1.167e+04
						352.7	-383.91	-132.41	0.0	-8.92	0.0	0.0
205	91	7329.69	0.0	-0.19	-166.27	0.0	-115.41	83.13	0.0	-9.00	0.0	0.0
		0.0	0.0	0.02	0.0	176.3	-180.30	-1.16e-05	0.0	-9.00	0.0	7329.69
						352.7	-245.19	-83.13	0.0	-9.00	0.0	0.0
205	92	9199.64	0.0	-0.23	-208.68	0.0	-142.14	104.34	0.0	-9.11	0.0	0.0
		0.0	0.0	0.01	0.0	176.3	-223.58	-1.49e-05	0.0	-9.11	0.0	9199.64
						352.7	-305.02	-104.34	0.0	-9.11	0.0	0.0
206	3	1.991e+04	0.0	-0.50	-451.83	0.0	-649.49	225.92	0.0	-14.42	0.0	0.0
		0.0	0.0	0.06	0.0	176.2	-473.01	-2.35e-06	0.0	-14.42	0.0	1.991e+04
						352.5	-296.52	-225.92	0.0	-14.42	0.0	0.0
206	4	2.918e+04	0.0	-0.71	-662.28	0.0	-945.04	331.14	0.0	-15.94	0.0	0.0
		0.0	0.0	0.06	0.0	176.2	-686.35	0.0	0.0	-15.94	0.0	2.918e+04
						352.5	-427.66	-331.14	0.0	-15.94	0.0	0.0
206	5	6276.86	0.0	-0.17	-142.46	0.0	-210.46	71.23	0.0	-8.93	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-154.81	0.0	0.0	-8.93	0.0	6276.86
						352.5	-99.17	-71.23	0.0	-8.93	0.0	0.0
206	11	3.565e+04	0.0	-0.86	-809.11	0.0	-1150.94	404.56	0.0	-16.76	0.0	0.0
		0.0	0.0	0.06	0.0	176.2	-834.90	3.48e-06	0.0	-16.76	0.0	3.565e+04
						352.5	-518.86	-404.56	0.0	-16.76	0.0	0.0
206	15	9191.53	0.0	-0.24	-208.61	0.0	-307.35	104.30	0.0	-10.09	0.0	0.0
		0.0	0.0	0.03	0.0	176.2	-225.87	0.0	0.0	-10.09	0.0	9191.53
						352.5	-144.38	-104.30	0.0	-10.09	0.0	0.0
206	22	9191.53	0.0	-0.24	-208.61	0.0	-299.76	104.30	0.0	-9.06	0.0	0.0
		0.0	0.0	0.05	0.0	176.2	-218.28	0.0	0.0	-9.06	0.0	9191.53
						352.5	-136.80	-104.30	0.0	-9.06	0.0	0.0
206	29	9191.53	0.0	-0.23	-208.61	0.0	-303.36	104.30	0.0	-9.39	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-221.88	0.0	0.0	-9.39	0.0	9191.53
						352.5	-140.39	-104.30	0.0	-9.39	0.0	0.0
206	32	9191.53	0.0	-0.26	-208.61	0.0	-300.72	104.30	0.0	-8.85	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-219.23	0.0	0.0	-8.85	0.0	9191.53
						352.5	-137.75	-104.30	0.0	-8.85	0.0	0.0
206	39	9191.53	0.0	-0.22	-208.61	0.0	-309.47	104.30	0.0	-10.70	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-227.99	0.0	0.0	-10.70	0.0	9191.53
						352.5	-146.50	-104.30	0.0	-10.70	0.0	0.0
206	42	9191.53	0.0	-0.26	-208.61	0.0	-298.01	104.30	0.0	-8.51	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-216.53	0.0	0.0	-8.51	0.0	9191.53
						352.5	-135.04	-104.30	0.0	-8.51	0.0	0.0
206	47	9191.53	0.0	-0.23	-208.61	0.0	-308.63	104.30	0.0	-10.26	0.0	0.0
		0.0	0.0	0.03	0.0	176.2	-227.15	0.0	0.0	-10.26	0.0	9191.53
						352.5	-145.67	-104.30	0.0	-10.26	0.0	0.0
206	54	9191.53	0.0	-0.24	-208.61	0.0	-298.35	104.30	0.0	-8.87	0.0	0.0
		0.0	0.0	0.05	0.0	176.2	-216.87	0.0	0.0	-8.87	0.0	9191.53
						352.5	-135.38	-104.30	0.0	-8.87	0.0	0.0
206	61	9191.53	0.0	-0.22	-208.61	0.0	-303.23	104.30	0.0	-9.31	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-221.74	0.0	0.0	-9.31	0.0	9191.53
						352.5	-140.26	-104.30	0.0	-9.31	0.0	0.0
206	64	9191.53	0.0	-0.27	-208.61	0.0	-299.64	104.30	0.0	-8.58	0.0	0.0
		0.0	0.0	0.03	0.0	176.2	-218.16	0.0	0.0	-8.58	0.0	9191.53
						352.5	-136.68	-104.30	0.0	-8.58	0.0	0.0
206	71	9191.53	0.0	-0.22	-208.61	0.0	-311.51	104.30	0.0	-11.09	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-230.03	0.0	0.0	-11.09	0.0	9191.53
						352.5	-148.54	-104.30	0.0	-11.09	0.0	0.0
206	74	9191.53	0.0	-0.26	-208.61	0.0	-295.97	104.30	0.0	-8.12	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-214.49	0.0	0.0	-8.12	0.0	9191.53
						352.5	-133.00	-104.30	0.0	-8.12	0.0	0.0
206	79	7323.15	0.0	-0.19	-166.20	0.0	-243.98	83.10	0.0	-9.14	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-179.06	1.10e-06	0.0	-9.14	0.0	7323.15
						352.5	-114.14	-83.10	0.0	-9.14	0.0	0.0
206	81	1.355e+04	0.0	-0.34	-307.55	0.0	-443.18	153.78	0.0	-10.69	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-323.05	-1.51e-06	0.0	-10.69	0.0	1.355e+04
						352.5	-202.92	-153.78	0.0	-10.69	0.0	0.0
206	82	1.973e+04	0.0	-0.48	-447.85	0.0	-640.21	223.92	0.0	-11.70	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-465.28	0.0	0.0	-11.70	0.0	1.973e+04
						352.5	-290.35	-223.92	0.0	-11.70	0.0	0.0
206	85	2.405e+04	0.0	-0.58	-545.74	0.0	-777.48	272.87	0.0	-12.25	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-564.31	2.37e-06	0.0	-12.25	0.0	2.405e+04
						352.5	-351.14	-272.87	0.0	-12.25	0.0	0.0
206	86	7323.15	0.0	-0.19	-166.20	0.0	-243.98	83.10	0.0	-9.14	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-179.06	1.10e-06	0.0	-9.14	0.0	7323.15
						352.5	-114.14	-83.10	0.0	-9.14	0.0	0.0
206	87	1.044e+04	0.0	-0.27	-236.88	0.0	-343.58	118.44	0.0	-9.92	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-251.05	0.0	0.0	-9.92	0.0	1.044e+04
						352.5	-158.53	-118.44	0.0	-9.92	0.0	0.0
206	90	1.166e+04	0.0	-0.30	-264.73	0.0	-382.55	132.36	0.0	-10.01	0.0	0.0

		0.0	0.0	0.04	0.0	176.2	-279.15	0.0	0.0	-10.01	0.0	1.166e+04
						352.5	-175.75	-132.36	0.0	-10.01	0.0	0.0
206	91	7323.15	0.0	-0.19	-166.20	0.0	-243.98	83.10	0.0	-9.14	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-179.06	1.10e-06	0.0	-9.14	0.0	7323.15
						352.5	-114.14	-83.10	0.0	-9.14	0.0	0.0
206	92	9191.53	0.0	-0.24	-208.61	0.0	-303.74	104.30	0.0	-9.61	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-222.26	0.0	0.0	-9.61	0.0	9191.53
						352.5	-140.77	-104.30	0.0	-9.61	0.0	0.0
207	1	1.038e+04	0.0	-0.31	-235.80	0.0	-348.37	117.90	0.0	-7.50	0.0	0.0
		0.0	0.0	0.05	0.0	176.1	-256.18	-1.14e-06	0.0	-7.50	0.0	1.038e+04
						352.3	-164.00	-117.90	0.0	-7.50	0.0	0.0
207	5	6171.41	0.0	-0.20	-140.14	0.0	-209.50	70.07	0.0	-5.81	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-154.71	0.0	0.0	-5.81	0.0	6171.41
						352.3	-99.92	-70.07	0.0	-5.81	0.0	0.0
207	11	3.499e+04	0.0	-0.89	-794.66	0.0	-1137.00	397.33	0.0	-5.71	0.0	0.0
		0.0	0.0	0.07	0.0	176.1	-826.32	1.20e-05	0.0	-5.71	0.0	3.499e+04
						352.3	-515.64	-397.33	0.0	-5.71	0.0	0.0
207	23	9031.01	0.0	-0.26	-205.08	0.0	-307.74	102.54	0.0	-5.68	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-227.56	0.0	0.0	-5.68	0.0	9031.01
						352.3	-147.38	-102.54	0.0	-5.68	0.0	0.0
207	25	9031.01	0.0	-0.25	-205.08	0.0	-298.87	102.54	0.0	-5.31	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-218.69	0.0	0.0	-5.31	0.0	9031.01
						352.3	-138.52	-102.54	0.0	-5.31	0.0	0.0
207	31	9031.01	0.0	-0.24	-205.08	0.0	-309.10	102.54	0.0	-4.75	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-228.92	0.0	0.0	-4.75	0.0	9031.01
						352.3	-148.74	-102.54	0.0	-4.75	0.0	0.0
207	32	9031.01	0.0	-0.29	-205.08	0.0	-297.34	102.54	0.0	-6.66	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-217.16	0.0	0.0	-6.66	0.0	9031.01
						352.3	-136.99	-102.54	0.0	-6.66	0.0	0.0
207	34	9031.01	0.0	-0.28	-205.08	0.0	-293.98	102.54	0.0	-6.81	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-213.80	0.0	0.0	-6.81	0.0	9031.01
						352.3	-133.63	-102.54	0.0	-6.81	0.0	0.0
207	48	9031.01	0.0	-0.28	-205.08	0.0	-306.74	102.54	0.0	-5.83	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-226.56	0.0	0.0	-5.83	0.0	9031.01
						352.3	-146.39	-102.54	0.0	-5.83	0.0	0.0
207	55	9031.01	0.0	-0.26	-205.08	0.0	-309.94	102.54	0.0	-5.64	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-229.77	0.0	0.0	-5.64	0.0	9031.01
						352.3	-149.59	-102.54	0.0	-5.64	0.0	0.0
207	57	9031.01	0.0	-0.25	-205.08	0.0	-297.92	102.54	0.0	-5.14	0.0	0.0
		0.0	0.0	0.05	0.0	176.1	-217.74	0.0	0.0	-5.14	0.0	9031.01
						352.3	-137.57	-102.54	0.0	-5.14	0.0	0.0
207	63	9031.01	0.0	-0.24	-205.08	0.0	-311.79	102.54	0.0	-4.38	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-231.61	0.0	0.0	-4.38	0.0	9031.01
						352.3	-151.44	-102.54	0.0	-4.38	0.0	0.0
207	66	9031.01	0.0	-0.29	-205.08	0.0	-291.29	102.54	0.0	-7.17	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-211.11	0.0	0.0	-7.17	0.0	9031.01
						352.3	-130.94	-102.54	0.0	-7.17	0.0	0.0
207	79	7197.93	0.0	-0.22	-163.45	0.0	-242.55	81.73	0.0	-5.78	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-178.65	0.0	0.0	-5.78	0.0	7197.93
						352.3	-114.74	-81.73	0.0	-5.78	0.0	0.0
207	85	2.360e+04	0.0	-0.60	-536.03	0.0	-768.30	268.01	0.0	-4.60	0.0	0.0
		0.0	0.0	0.05	0.0	176.1	-558.74	8.06e-06	0.0	-4.60	0.0	2.360e+04
						352.3	-349.17	-268.01	0.0	-4.60	0.0	0.0
207	86	7197.93	0.0	-0.22	-163.45	0.0	-242.55	81.73	0.0	-5.78	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-178.65	0.0	0.0	-5.78	0.0	7197.93
						352.3	-114.74	-81.73	0.0	-5.78	0.0	0.0
207	90	1.146e+04	0.0	-0.32	-260.17	0.0	-379.16	130.08	0.0	-5.54	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-277.45	1.55e-06	0.0	-5.54	0.0	1.146e+04
						352.3	-175.73	-130.08	0.0	-5.54	0.0	0.0
207	91	7197.93	0.0	-0.22	-163.45	0.0	-242.55	81.73	0.0	-5.78	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-178.65	0.0	0.0	-5.78	0.0	7197.93
						352.3	-114.74	-81.73	0.0	-5.78	0.0	0.0
207	92	9031.01	0.0	-0.26	-205.08	0.0	-301.54	102.54	0.0	-5.78	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-221.36	0.0	0.0	-5.78	0.0	9031.01
						352.3	-141.19	-102.54	0.0	-5.78	0.0	0.0
209	3	1.956e+04	0.0	-0.38	-444.04	0.0	-642.74	222.02	0.0	-7.28	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-469.24	-1.44e-06	0.0	-7.28	0.0	1.956e+04
						352.4	-295.75	-222.02	0.0	-7.28	0.0	0.0
209	4	2.866e+04	0.0	-0.59	-650.68	0.0	-933.72	325.34	0.0	-8.25	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-679.49	-6.62e-06	0.0	-8.25	0.0	2.866e+04
						352.4	-425.26	-325.34	0.0	-8.25	0.0	0.0
209	5	6175.46	0.0	-0.10	-140.18	0.0	-209.15	70.09	0.0	-4.38	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-154.38	0.0	0.0	-4.38	0.0	6175.46
						352.4	-99.61	-70.09	0.0	-4.38	0.0	0.0
209	11	3.502e+04	0.0	-0.74	-794.85	0.0	-1136.24	397.43	0.0	-8.81	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-825.68	-1.13e-05	0.0	-8.81	0.0	3.502e+04
						352.4	-515.12	-397.43	0.0	-8.81	0.0	0.0

209	15	9036.81	0.0	-0.16	-205.13	0.0	-303.03	102.57	0.0	-4.24	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-222.88	0.0	0.0	-4.24	0.0	9036.81
						352.4	-142.73	-102.57	0.0	-4.24	0.0	0.0
209	28	9036.81	0.0	-0.15	-205.13	0.0	-309.98	102.57	0.0	-4.56	0.0	0.0
		0.0	0.0	0.03	0.0	176.2	-229.83	0.0	0.0	-4.56	0.0	9036.81
						352.4	-149.68	-102.57	0.0	-4.56	0.0	0.0
209	30	9036.81	0.0	-0.16	-205.13	0.0	-296.74	102.57	0.0	-5.15	0.0	0.0
		0.0	0.0	4.03e-03	0.0	176.2	-216.59	0.0	0.0	-5.15	0.0	9036.81
						352.4	-136.44	-102.57	0.0	-5.15	0.0	0.0
209	36	9036.81	0.0	-0.14	-205.13	0.0	-312.43	102.57	0.0	-5.07	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-232.28	0.0	0.0	-5.07	0.0	9036.81
						352.4	-152.13	-102.57	0.0	-5.07	0.0	0.0
209	37	9036.81	0.0	-0.18	-205.13	0.0	-289.90	102.57	0.0	-4.44	0.0	0.0
		0.0	0.0	0.01	0.0	176.2	-209.75	0.0	0.0	-4.44	0.0	9036.81
						352.4	-129.60	-102.57	0.0	-4.44	0.0	0.0
209	46	9036.81	0.0	-0.15	-205.13	0.0	-306.50	102.57	0.0	-5.18	0.0	0.0
		0.0	0.0	0.01	0.0	176.2	-226.35	0.0	0.0	-5.18	0.0	9036.81
						352.4	-146.20	-102.57	0.0	-5.18	0.0	0.0
209	47	9036.81	0.0	-0.16	-205.13	0.0	-303.69	102.57	0.0	-4.05	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-223.54	0.0	0.0	-4.05	0.0	9036.81
						352.4	-143.39	-102.57	0.0	-4.05	0.0	0.0
209	60	9036.81	0.0	-0.15	-205.13	0.0	-313.12	102.57	0.0	-4.49	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-232.97	0.0	0.0	-4.49	0.0	9036.81
						352.4	-152.82	-102.57	0.0	-4.49	0.0	0.0
209	62	9036.81	0.0	-0.16	-205.13	0.0	-295.16	102.57	0.0	-5.29	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	176.2	-215.01	0.0	0.0	-5.29	0.0	9036.81
						352.4	-134.86	-102.57	0.0	-5.29	0.0	0.0
209	68	9036.81	0.0	0.15	-205.13	0.0	-316.44	102.57	0.0	-5.19	0.0	0.0
		0.0	0.0	0.03	0.0	176.2	-236.29	0.0	0.0	-5.19	0.0	9036.81
						352.4	-156.14	-102.57	0.0	-5.19	0.0	0.0
209	69	9036.81	0.0	-0.18	-205.13	0.0	-285.89	102.57	0.0	-4.33	0.0	0.0
		0.0	0.0	0.01	0.0	176.2	-205.74	0.0	0.0	-4.33	0.0	9036.81
						352.4	-125.59	-102.57	0.0	-4.33	0.0	0.0
209	78	9036.81	0.0	-0.14	-205.13	0.0	-308.39	102.57	0.0	-5.32	0.0	0.0
		0.0	0.0	6.96e-03	0.0	176.2	-228.24	0.0	0.0	-5.32	0.0	9036.81
						352.4	-148.09	-102.57	0.0	-5.32	0.0	0.0
209	79	7202.61	0.0	-0.12	-163.50	0.0	-242.19	81.75	0.0	-4.50	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-178.31	0.0	0.0	-4.50	0.0	7202.61
						352.4	-114.43	-81.75	0.0	-4.50	0.0	0.0
209	81	1.332e+04	0.0	-0.25	-302.29	0.0	-438.76	151.14	0.0	-5.37	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-320.65	0.0	0.0	-5.37	0.0	1.332e+04
						352.4	-202.54	-151.14	0.0	-5.37	0.0	0.0
209	82	1.939e+04	0.0	-0.39	-440.04	0.0	-632.74	220.02	0.0	-6.02	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-460.81	-4.41e-06	0.0	-6.02	0.0	1.939e+04
						352.4	-288.88	-220.02	0.0	-6.02	0.0	0.0
209	85	2.362e+04	0.0	-0.49	-536.16	0.0	-767.76	268.08	0.0	-6.40	0.0	0.0
		0.0	0.0	0.01	0.0	176.2	-558.27	-7.52e-06	0.0	-6.40	0.0	2.362e+04
						352.4	-348.79	-268.08	0.0	-6.40	0.0	0.0
209	86	7202.61	0.0	-0.12	-163.50	0.0	-242.19	81.75	0.0	-4.50	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-178.31	0.0	0.0	-4.50	0.0	7202.61
						352.4	-114.43	-81.75	0.0	-4.50	0.0	0.0
209	87	1.026e+04	0.0	-0.19	-232.89	0.0	-340.48	116.45	0.0	-4.93	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-249.48	0.0	0.0	-4.93	0.0	1.026e+04
						352.4	-158.48	-116.45	0.0	-4.93	0.0	0.0
209	90	1.146e+04	0.0	-0.21	-260.24	0.0	-378.76	130.12	0.0	-5.02	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-277.08	-1.55e-06	0.0	-5.02	0.0	1.146e+04
						352.4	-175.40	-130.12	0.0	-5.02	0.0	0.0
209	91	7202.61	0.0	-0.12	-163.50	0.0	-242.19	81.75	0.0	-4.50	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-178.31	0.0	0.0	-4.50	0.0	7202.61
						352.4	-114.43	-81.75	0.0	-4.50	0.0	0.0
209	92	9036.81	0.0	-0.16	-205.13	0.0	-301.16	102.57	0.0	-4.76	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-221.01	0.0	0.0	-4.76	0.0	9036.81
						352.4	-140.86	-102.57	0.0	-4.76	0.0	0.0
210	5	508.14	72.16	-0.02	-33.49	0.0	544.15	3.66	-0.62	13.88	72.16	423.75
		-1083.28	-31.72	-3.71e-03	0.0	83.6	538.36	-6.98	-0.62	13.88	20.22	370.16
						167.2	525.94	-29.83	-0.62	13.88	-31.72	-1083.28
210	11	2650.59	313.43	0.05	-165.72	0.0	1232.65	6.26	-2.34	63.48	313.43	2545.56
		-5971.91	-78.00	-0.02	0.0	83.6	1208.53	-38.12	-2.34	63.48	117.72	1750.14
						167.2	1142.57	-159.46	-2.34	63.48	-78.00	-5971.91
210	18	633.25	127.62	-0.01	-46.38	0.0	674.01	4.61	-1.08	20.25	127.62	519.12
		-1542.54	-53.34	-9.26e-03	0.0	83.6	666.48	-9.26	-1.08	20.25	37.14	457.66
						167.2	648.80	-41.78	-1.08	20.25	-53.34	-1542.54
210	28	750.07	115.51	-0.02	-46.38	0.0	619.58	3.28	-0.95	17.23	115.51	688.87
		-1607.14	-32.89	-4.09e-03	0.0	83.6	612.05	-10.59	-0.95	17.23	41.31	510.23
						167.2	594.37	-43.11	-0.95	17.23	-32.89	-1607.14
210	31	819.26	67.93	5.92e-03	-46.38	0.0	493.82	2.90	-0.53	17.46	67.93	770.84
		-1593.35	-19.90	1.71e-03	0.0	83.6	486.28	-10.96	-0.53	17.46	24.02	558.11

210	34	626.48	123.81	-0.03	-46.38	167.2	468.61	-43.48	-0.53	17.46	-19.90	-1593.35
		-1554.15	-51.56	-0.01	0.0	0.0	729.44	4.53	-1.05	20.03	123.81	513.97
210	50	603.11	138.93	-0.01	-46.38	83.6	721.91	-9.33	-1.05	20.03	36.13	449.27
		-1531.43	-59.60	-0.01	0.0	167.2	704.23	-41.85	-1.05	20.03	-51.56	-1554.15
210	60	761.28	122.50	-0.03	-46.38	0.0	696.22	4.92	-1.19	20.79	138.93	475.23
		-1619.02	-31.88	-4.00e-03	0.0	83.6	688.69	-8.94	-1.19	20.79	39.66	441.27
210	63	855.10	57.98	0.01	-46.38	167.2	671.01	-41.46	-1.19	20.79	-59.60	-1531.43
		-1600.32	-14.26	4.19e-03	0.0	0.0	622.41	3.12	-1.01	16.69	122.50	705.41
210	66	593.94	133.76	-0.04	-46.38	83.6	614.88	-10.75	-1.01	16.69	45.31	512.56
		-1547.17	-57.19	-0.01	0.0	167.2	597.20	-43.27	-1.01	16.69	-31.88	-1619.02
210	79	582.59	81.12	-0.02	-38.12	0.0	451.88	2.61	-0.43	17.01	57.98	816.56
		-1258.11	-33.34	-4.23e-03	0.0	83.6	444.34	-11.25	-0.43	17.01	21.86	577.48
210	85	1793.37	213.80	0.03	-112.48	167.2	426.67	-43.77	-0.43	17.01	-14.26	-1600.32
		-4032.46	-55.37	-0.01	0.0	0.0	771.38	4.83	-1.14	20.49	133.76	468.24
210	86	582.59	81.12	-0.02	-38.12	83.6	763.85	-9.04	-1.14	20.49	38.28	429.90
		-1258.11	-33.34	-4.23e-03	0.0	167.2	746.17	-41.56	-1.14	20.49	-57.19	-1547.17
210	90	896.40	115.52	-6.16e-03	-57.40	0.0	567.50	3.70	-0.68	15.60	81.12	500.69
		-1981.32	-39.02	-6.35e-03	0.0	83.6	561.08	-8.10	-0.68	15.60	23.89	417.94
210	91	582.59	81.12	-0.02	-38.12	167.2	546.78	-34.42	-0.68	15.60	-33.34	-1258.11
		-1258.11	-33.34	-4.23e-03	0.0	0.0	881.87	4.64	-1.61	43.25	213.80	1712.50
210	92	718.58	95.87	-0.01	-46.38	83.6	865.35	-25.75	-1.61	43.25	79.22	1190.64
		-1573.75	-35.73	-5.26e-03	0.0	167.2	820.73	-107.83	-1.61	43.25	-55.37	-4032.46
211	5	849.69	12.16	0.07	-31.72	0.0	567.50	3.70	-0.68	15.60	81.12	500.69
		-1405.35	-50.00	2.03e-03	0.0	83.6	561.08	-8.10	-0.68	15.60	23.89	417.94
211	11	3716.37	166.61	0.19	-154.48	167.2	546.78	-34.42	-0.68	15.60	-33.34	-1258.11
		-6734.38	-416.76	8.03e-03	0.0	0.0	653.91	3.90	-0.92	22.81	115.52	818.63
211	19	1154.43	33.57	0.07	-43.68	83.6	644.88	-12.72	-0.92	22.81	38.25	618.21
		-2008.30	-101.84	3.65e-03	0.0	167.2	622.71	-53.50	-0.92	22.81	-39.02	-1981.32
211	25	1045.58	38.36	0.08	-43.68	0.0	567.50	3.70	-0.68	15.60	81.12	500.69
		-1881.13	-102.38	4.79e-03	0.0	83.6	561.08	-8.10	-0.68	15.60	23.89	417.94
211	30	1095.77	36.95	0.09	-43.68	167.2	546.78	-34.42	-0.68	15.60	-33.34	-1258.11
		-1866.72	-105.51	1.70e-03	0.0	0.0	611.63	3.72	-0.79	18.75	95.87	642.40
211	31	1057.56	31.31	0.07	-43.68	83.6	604.10	-10.15	-0.79	18.75	30.07	503.69
		-1975.40	-87.10	0.01	0.0	167.2	586.42	-42.67	-0.79	18.75	-35.73	-1573.75
211	34	1218.48	23.06	0.09	-43.68	0.0	-21.73	-1.40	0.37	-9.24	-50.00	849.69
		-1896.98	-86.27	-6.00e-03	0.0	83.6	-27.27	-11.60	0.37	-9.24	-18.92	385.08
211	36	1249.61	21.64	0.09	-43.68	167.2	-38.97	-33.12	0.37	-9.24	12.16	-1405.35
		-1934.43	-86.21	-6.48e-03	0.0	0.0	420.54	-9.05	3.49	-48.02	-416.76	3716.37
211	51	1160.28	35.84	0.07	-43.68	83.6	397.94	-50.62	3.49	-48.02	-125.08	1719.46
		-2033.97	-107.24	4.06e-03	0.0	167.2	336.57	-163.53	3.49	-48.02	166.61	-6734.38
211	57	1012.67	42.34	0.08	-43.68	0.0	68.18	-2.81	0.80	-11.63	-101.84	1154.43
		-1861.53	-107.97	5.70e-03	0.0	83.6	61.01	-16.00	0.80	-11.63	-34.14	485.87
211	62	1080.73	40.42	0.09	-43.68	167.2	44.43	-46.49	0.80	-11.63	33.57	-2008.30
		-1841.99	-112.22	-1.96e-03	0.0	0.0	22.77	-1.44	0.84	-14.33	-102.38	1045.58
211	63	1028.92	32.77	0.06	-43.68	83.6	15.60	-14.62	0.84	-14.33	-32.01	495.03
		-1989.36	-87.25	0.01	0.0	167.2	-0.97	-45.11	0.84	-14.33	38.36	-1881.13
211	66	1247.12	21.60	0.10	-43.68	0.0	-4.64	-1.68	0.86	-13.82	-105.51	1095.77
		-1883.02	-86.12	-8.94e-03	0.0	83.6	-11.80	-14.87	0.86	-13.82	-34.28	527.33
211	68	1289.33	19.66	0.10	-43.68	167.2	-28.38	-45.36	0.86	-13.82	36.95	-1866.72
		-1933.80	-86.04	-9.59e-03	0.0	0.0	86.06	-2.04	0.69	-13.57	-87.10	1057.56
211	79	951.48	17.94	0.07	-36.01	83.6	78.89	-15.23	0.69	-13.57	-27.90	453.88
						167.2	62.32	-45.72	0.69	-13.57	31.31	-1975.40
						0.0	-34.89	-2.59	0.67	-12.53	-86.27	1218.48
						83.6	-42.06	-15.78	0.67	-12.53	-31.60	573.55
						167.2	-58.63	-46.27	0.67	-12.53	23.06	-1896.98
						0.0	-20.26	-3.00	0.66	-11.75	-86.21	1249.61
						83.6	-27.42	-16.18	0.66	-11.75	-32.29	570.39
						167.2	-44.00	-46.67	0.66	-11.75	21.64	-1934.43
						0.0	83.34	-2.99	0.84	-11.12	-107.24	1160.28
						83.6	76.17	-16.17	0.84	-11.12	-35.70	475.96
						167.2	59.60	-46.66	0.84	-11.12	35.84	-2033.97
						0.0	21.77	-1.12	0.89	-14.79	-107.97	1012.67
						83.6	14.60	-14.31	0.89	-14.79	-32.81	488.38
						167.2	-1.97	-44.80	0.89	-14.79	42.34	-1861.53
						0.0	-15.40	-1.45	0.92	-14.10	-112.22	1080.73
						83.6	-22.56	-14.64	0.92	-14.10	-35.90	532.17
						167.2	-39.14	-45.13	0.92	-14.10	40.42	-1841.99
						0.0	107.59	-1.94	0.69	-13.75	-87.25	1028.92
						83.6	100.42	-15.13	0.69	-13.75	-27.24	432.58
						167.2	83.85	-45.62	0.69	-13.75	32.77	-1989.36
						0.0	-56.42	-2.69	0.67	-12.35	-86.12	1247.12
						83.6	-63.59	-15.88	0.67	-12.35	-32.26	594.86
						167.2	-80.16	-46.37	0.67	-12.35	21.60	-1883.02
						0.0	-36.57	-3.24	0.66	-11.29	-86.04	1289.33
						83.6	-43.74	-16.43	0.66	-11.29	-33.19	590.57
						167.2	-60.32	-46.92	0.66	-11.29	19.66	-1933.80
						0.0	-3.98	-1.71	0.49	-10.59	-63.82	951.48

		-1594.49	-63.82	2.24e-03	0.0	83.6	-10.10	-12.98	0.49	-10.59	-22.94	431.11
						167.2	-23.55	-37.72	0.49	-10.59	17.94	-1594.49
211	85	2536.58	109.61	0.13	-104.93	0.0	267.99	-6.06	2.31	-32.53	-277.13	2536.58
		-4576.09	-277.13	5.46e-03	0.0	83.6	252.50	-34.56	2.31	-32.53	-83.76	1173.10
						167.2	210.96	-110.98	2.31	-32.53	109.61	-4576.09
211	86	951.48	17.94	0.07	-36.01	0.0	-3.98	-1.71	0.49	-10.59	-63.82	951.48
		-1594.49	-63.82	2.24e-03	0.0	83.6	-10.10	-12.98	0.49	-10.59	-22.94	431.11
						167.2	-23.55	-37.72	0.49	-10.59	17.94	-1594.49
211	90	1367.99	41.21	0.09	-53.88	0.0	66.18	-2.90	0.96	-16.29	-118.68	1367.99
		-2373.05	-118.68	3.07e-03	0.0	83.6	57.63	-18.64	0.96	-16.29	-38.74	623.57
						167.2	36.89	-56.79	0.96	-16.29	41.21	-2373.05
211	91	951.48	17.94	0.07	-36.01	0.0	-3.98	-1.71	0.49	-10.59	-63.82	951.48
		-1594.49	-63.82	2.24e-03	0.0	83.6	-10.10	-12.98	0.49	-10.59	-22.94	431.11
						167.2	-23.55	-37.72	0.49	-10.59	17.94	-1594.49
211	92	1138.02	27.19	0.08	-43.68	0.0	25.58	-2.32	0.68	-13.05	-86.68	1138.02
		-1936.19	-86.68	2.70e-03	0.0	83.6	18.42	-15.50	0.68	-13.05	-29.75	513.72
						167.2	1.84	-45.99	0.68	-13.05	27.19	-1936.19
212	1	2745.17	569.63	0.03	-57.75	0.0	-65.41	54.33	4.71	27.93	-201.86	-217.62
		-217.62	-201.86	0.01	0.0	81.9	-43.01	13.89	4.71	27.93	183.89	2418.98
						163.9	-33.41	-3.43	4.71	27.93	569.63	2689.71
212	5	1647.58	356.79	0.02	-35.49	0.0	14.52	33.08	2.98	16.39	-132.31	-176.76
		-176.76	-132.31	0.01	0.0	81.9	28.04	8.68	2.98	16.39	112.24	1442.91
						163.9	34.19	-2.41	2.98	16.39	356.79	1608.62
212	11	9067.49	1604.65	0.10	-178.72	0.0	-959.54	172.73	12.71	98.04	-477.39	-116.76
		-116.76	-477.39	-0.02	0.0	81.9	-886.86	41.56	12.71	98.04	563.63	8090.64
						163.9	-860.51	-6.00	12.71	98.04	1604.65	8976.54
212	20	2860.60	567.33	0.02	-49.56	0.0	-7.68	50.59	4.65	26.77	-195.15	-284.22
		-284.22	-195.15	9.81e-03	0.0	81.9	11.69	15.64	4.65	26.77	186.09	2303.26
						163.9	19.78	1.03	4.65	26.77	567.33	2860.60
212	27	2757.07	574.74	0.03	-49.56	0.0	98.13	51.01	4.83	26.19	-221.90	-429.02
		-429.02	-221.90	8.82e-03	0.0	81.9	117.50	16.05	4.83	26.19	176.42	2179.10
						163.9	125.59	1.45	4.83	26.19	574.74	2757.07
212	28	2820.21	592.62	0.02	-49.56	0.0	29.01	50.59	4.97	25.50	-215.97	-317.27
		-317.27	-215.97	0.01	0.0	81.9	48.38	15.64	4.97	25.50	188.32	2266.54
						163.9	56.47	1.04	4.97	25.50	592.62	2820.21
212	30	2125.67	395.20	0.03	-49.56	0.0	-274.46	42.55	3.15	22.66	-115.42	105.56
		105.56	-115.42	0.01	0.0	81.9	-255.09	7.59	3.15	22.66	139.89	2020.52
						163.9	-247.00	-7.01	3.15	22.66	395.20	1905.35
212	52	3049.07	596.65	0.01	-49.56	0.0	20.98	51.95	4.89	27.61	-204.58	-327.82
		-327.82	-204.58	9.20e-03	0.0	81.9	40.35	16.99	4.89	27.61	196.04	2375.69
						163.9	48.44	2.39	4.89	27.61	596.65	3049.07
212	59	2908.68	606.70	0.03	-49.56	0.0	164.45	52.51	5.12	26.82	-240.85	-524.18
		-524.18	-240.85	7.86e-03	0.0	81.9	183.82	17.55	5.12	26.82	182.92	2207.32
						163.9	191.91	2.95	5.12	26.82	606.70	2908.68
212	60	2994.30	630.94	0.02	-49.56	0.0	70.72	51.95	5.32	25.88	-232.81	-372.64
		-372.64	-232.81	0.01	0.0	81.9	90.09	17.00	5.32	25.88	199.06	2325.90
						163.9	98.18	2.39	5.32	25.88	630.94	2994.30
212	62	2057.84	363.24	0.02	-49.56	0.0	-340.78	41.04	2.85	22.03	-96.47	200.72
		200.72	-96.47	0.02	0.0	81.9	-321.41	6.09	2.85	22.03	133.39	1992.30
						163.9	-313.32	-8.51	2.85	22.03	363.24	1753.74
212	79	1909.89	402.79	0.02	-40.54	0.0	-22.13	38.00	3.34	19.27	-145.29	-171.47
		-171.47	-145.29	0.01	0.0	81.9	-6.51	9.81	3.34	19.27	128.75	1679.08
						163.9	0.34	-2.54	3.34	19.27	402.79	1868.84
212	85	6124.77	1092.80	0.06	-121.19	0.0	-618.22	116.94	8.68	66.01	-328.98	-104.23
		-104.23	-328.98	-0.02	0.0	81.9	-569.08	28.26	8.68	66.01	381.91	5460.19
						163.9	-551.06	-4.25	8.68	66.01	1092.80	6060.06
212	86	1909.89	402.79	0.02	-40.54	0.0	-22.13	38.00	3.34	19.27	-145.29	-171.47
		-171.47	-145.29	0.01	0.0	81.9	-6.51	9.81	3.34	19.27	128.75	1679.08
						163.9	0.34	-2.54	3.34	19.27	402.79	1868.84
212	90	3001.72	584.62	0.03	-61.48	0.0	-176.56	58.47	4.75	31.37	-194.49	-152.83
		-152.83	-194.49	0.01	0.0	81.9	-152.24	14.57	4.75	31.37	195.07	2659.69
						163.9	-142.50	-3.01	4.75	31.37	584.62	2953.68
212	91	1909.89	402.79	0.02	-40.54	0.0	-22.13	38.00	3.34	19.27	-145.29	-171.47
		-171.47	-145.29	0.01	0.0	81.9	-6.51	9.81	3.34	19.27	128.75	1679.08
						163.9	0.34	-2.54	3.34	19.27	402.79	1868.84
212	92	2376.49	484.97	0.03	-49.56	0.0	-88.16	46.78	3.99	24.43	-168.66	-161.73
		-161.73	-168.66	0.01	0.0	81.9	-68.79	11.82	3.99	24.43	158.15	2099.81
						163.9	-60.70	-2.78	3.99	24.43	484.97	2331.21
218	1	3103.76	0.0	-0.05	-109.80	0.0	-50.61	59.10	0.0	-43.01	0.0	0.0
		0.0	0.0	0.06	0.0	108.2	-8.15	-1.82	0.0	-43.01	0.0	3103.76
						216.5	25.92	-50.70	0.0	-43.01	0.0	0.0
218	3	5753.19	0.0	-0.11	-202.94	0.0	-145.49	109.76	0.0	-55.10	0.0	0.0
		0.0	0.0	0.09	0.0	108.2	-66.50	-3.59	0.0	-55.10	0.0	5753.19
						216.5	-4.07	-93.18	0.0	-55.10	0.0	0.0
218	4	8482.23	0.0	-0.18	-298.88	0.0	-242.54	161.95	0.0	-67.35	0.0	0.0
		0.0	0.0	0.11	0.0	108.2	-125.91	-5.41	0.0	-67.35	0.0	8482.23
						216.5	-34.26	-136.93	0.0	-67.35	0.0	0.0

218	11	1.042e+04	0.0	-0.23	-366.87	0.0	-311.12	198.94	0.0	-75.97	0.0	0.0
		0.0	0.0	0.13	0.0	108.2	-167.82	-6.70	0.0	-75.97	0.0	1.042e+04
						216.5	-55.46	-167.94	0.0	-75.97	0.0	0.0
218	27	2689.13	0.0	-0.05	-95.07	0.0	-49.46	51.23	0.0	-34.16	0.0	0.0
		0.0	0.0	0.07	0.0	108.2	-12.64	-1.60	0.0	-34.16	0.0	2689.13
						216.5	16.79	-43.84	0.0	-34.16	0.0	0.0
218	32	2689.13	0.0	-0.03	-95.07	0.0	-30.94	51.23	0.0	-34.10	0.0	0.0
		0.0	0.0	0.06	0.0	108.2	5.88	-1.60	0.0	-34.10	0.0	2689.13
						216.5	35.31	-43.84	0.0	-34.10	0.0	0.0
218	40	2689.13	0.0	-0.03	-95.07	0.0	-26.21	51.23	0.0	-33.98	0.0	0.0
		0.0	0.0	0.06	0.0	108.2	10.61	-1.60	0.0	-33.98	0.0	2689.13
						216.5	40.04	-43.84	0.0	-33.98	0.0	0.0
218	41	2689.13	0.0	-0.06	-95.07	0.0	-73.28	51.23	0.0	-34.95	0.0	0.0
		0.0	0.0	0.04	0.0	108.2	-36.46	-1.60	0.0	-34.95	0.0	2689.13
						216.5	-7.03	-43.84	0.0	-34.95	0.0	0.0
218	43	2689.13	0.0	-0.06	-95.07	0.0	-68.28	51.23	0.0	-34.59	0.0	0.0
		0.0	0.0	0.05	0.0	108.2	-31.46	-1.60	0.0	-34.59	0.0	2689.13
						216.5	-2.03	-43.84	0.0	-34.59	0.0	0.0
218	59	2689.13	0.0	-0.06	-95.07	0.0	-49.36	51.23	0.0	-34.05	0.0	0.0
		0.0	0.0	0.08	0.0	108.2	-12.54	-1.60	0.0	-34.05	0.0	2689.13
						216.5	16.89	-43.84	0.0	-34.05	0.0	0.0
218	64	2689.13	0.0	-0.02	-95.07	0.0	-24.24	51.23	0.0	-33.97	0.0	0.0
		0.0	0.0	0.07	0.0	108.2	12.57	-1.60	0.0	-33.97	0.0	2689.13
						216.5	42.01	-43.84	0.0	-33.97	0.0	0.0
218	72	2689.13	0.0	-0.02	-95.07	0.0	-17.83	51.23	0.0	-33.81	0.0	0.0
		0.0	0.0	0.06	0.0	108.2	18.98	-1.60	0.0	-33.81	0.0	2689.13
						216.5	48.42	-43.84	0.0	-33.81	0.0	0.0
218	73	2689.13	0.0	-0.07	-95.07	0.0	-81.66	51.23	0.0	-35.12	0.0	0.0
		0.0	0.0	0.03	0.0	108.2	-44.84	-1.60	0.0	-35.12	0.0	2689.13
						216.5	-15.41	-43.84	0.0	-35.12	0.0	0.0
218	75	2689.13	0.0	-0.07	-95.07	0.0	-74.87	51.23	0.0	-34.63	0.0	0.0
		0.0	0.0	0.05	0.0	108.2	-38.06	-1.60	0.0	-34.63	0.0	2689.13
						216.5	-8.62	-43.84	0.0	-34.63	0.0	0.0
218	79	2159.25	0.0	-0.03	-76.44	0.0	-30.77	41.10	0.0	-32.05	0.0	0.0
		0.0	0.0	0.04	0.0	108.2	-1.26	-1.24	0.0	-32.05	0.0	2159.25
						216.5	22.50	-35.34	0.0	-32.05	0.0	0.0
218	81	3925.53	0.0	-0.07	-138.53	0.0	-94.03	74.87	0.0	-40.11	0.0	0.0
		0.0	0.0	0.06	0.0	108.2	-40.16	-2.43	0.0	-40.11	0.0	3925.53
						216.5	2.52	-63.66	0.0	-40.11	0.0	0.0
218	82	5744.90	0.0	-0.12	-202.49	0.0	-158.73	109.66	0.0	-48.27	0.0	0.0
		0.0	0.0	0.08	0.0	108.2	-79.77	-3.64	0.0	-48.27	0.0	5744.90
						216.5	-17.61	-92.83	0.0	-48.27	0.0	0.0
218	85	7034.37	0.0	-0.15	-247.82	0.0	-204.45	134.32	0.0	-54.02	0.0	0.0
		0.0	0.0	0.09	0.0	108.2	-107.70	-4.50	0.0	-54.02	0.0	7034.37
						216.5	-31.74	-113.50	0.0	-54.02	0.0	0.0
218	86	2159.25	0.0	-0.03	-76.44	0.0	-30.77	41.10	0.0	-32.05	0.0	0.0
		0.0	0.0	0.04	0.0	108.2	-1.26	-1.24	0.0	-32.05	0.0	2159.25
						216.5	22.50	-35.34	0.0	-32.05	0.0	0.0
218	87	3042.39	0.0	-0.05	-107.49	0.0	-62.40	57.99	0.0	-36.08	0.0	0.0
		0.0	0.0	0.05	0.0	108.2	-20.71	-1.83	0.0	-36.08	0.0	3042.39
						216.5	12.51	-49.50	0.0	-36.08	0.0	0.0
218	90	3416.88	0.0	-0.06	-120.65	0.0	-75.62	65.15	0.0	-37.73	0.0	0.0
		0.0	0.0	0.05	0.0	108.2	-28.77	-2.09	0.0	-37.73	0.0	3416.88
						216.5	8.46	-55.50	0.0	-37.73	0.0	0.0
218	91	2159.25	0.0	-0.03	-76.44	0.0	-30.77	41.10	0.0	-32.05	0.0	0.0
		0.0	0.0	0.04	0.0	108.2	-1.26	-1.24	0.0	-32.05	0.0	2159.25
						216.5	22.50	-35.34	0.0	-32.05	0.0	0.0
218	92	2689.13	0.0	-0.04	-95.07	0.0	-49.74	51.23	0.0	-34.47	0.0	0.0
		0.0	0.0	0.05	0.0	108.2	-12.93	-1.60	0.0	-34.47	0.0	2689.13
						216.5	16.51	-43.84	0.0	-34.47	0.0	0.0
219	1	2905.08	0.0	0.03	-104.30	0.0	51.06	48.94	0.0	36.39	0.0	0.0
		0.0	0.0	-0.02	0.0	105.8	16.68	1.28	0.0	36.39	0.0	2905.08
						211.5	-24.18	-55.36	0.0	36.39	0.0	0.0
219	11	9700.50	0.0	0.19	-346.41	0.0	-8.94	161.42	0.0	78.91	0.0	0.0
		0.0	0.0	-0.05	0.0	105.8	-121.98	4.71	0.0	78.91	0.0	9700.50
						211.5	-258.83	-184.99	0.0	78.91	0.0	0.0
219	24	2516.64	0.0	-0.02	-90.28	0.0	33.75	42.31	0.0	28.72	0.0	0.0
		0.0	0.0	-0.02	0.0	105.8	4.04	1.13	0.0	28.72	0.0	2516.64
						211.5	-31.37	-47.96	0.0	28.72	0.0	0.0
219	35	2516.64	0.0	0.03	-90.28	0.0	50.27	42.31	0.0	29.02	0.0	0.0
		0.0	0.0	0.02	0.0	105.8	20.56	1.13	0.0	29.02	0.0	2516.64
						211.5	-14.85	-47.96	0.0	29.02	0.0	0.0
219	37	2516.64	0.0	0.04	-90.28	0.0	49.70	42.31	0.0	29.73	0.0	0.0
		0.0	0.0	0.02	0.0	105.8	19.99	1.13	0.0	29.73	0.0	2516.64
						211.5	-15.42	-47.96	0.0	29.73	0.0	0.0
219	38	2516.64	0.0	0.03	-90.28	0.0	23.25	42.31	0.0	30.52	0.0	0.0
		0.0	0.0	-0.05	0.0	105.8	-6.46	1.13	0.0	30.52	0.0	2516.64

219	44	2516.64	0.0	0.02	-90.28	211.5	-41.87	-47.96	0.0	30.52	0.0	0.0
		0.0	0.0	-0.05	0.0	0.0	27.58	42.31	0.0	30.09	0.0	0.0
						105.8	-2.13	1.13	0.0	30.09	0.0	2516.64
219	45	2516.64	0.0	0.04	-90.28	211.5	-37.54	-47.96	0.0	30.09	0.0	0.0
		0.0	0.0	0.02	0.0	0.0	45.94	42.31	0.0	29.45	0.0	0.0
						105.8	16.23	1.13	0.0	29.45	0.0	2516.64
219	56	2516.64	0.0	-0.02	-90.28	211.5	-19.19	-47.96	0.0	29.45	0.0	0.0
		0.0	0.0	-0.03	0.0	0.0	32.68	42.31	0.0	28.34	0.0	0.0
						105.8	2.97	1.13	0.0	28.34	0.0	2516.64
219	57	2516.64	0.0	0.05	-90.28	211.5	-32.45	-47.96	0.0	28.34	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	0.0	40.84	42.31	0.0	31.20	0.0	0.0
						105.8	11.13	1.13	0.0	31.20	0.0	2516.64
219	67	2516.64	0.0	0.03	-90.28	211.5	-24.28	-47.96	0.0	31.20	0.0	0.0
		0.0	0.0	0.03	0.0	0.0	55.08	42.31	0.0	28.76	0.0	0.0
						105.8	25.37	1.13	0.0	28.76	0.0	2516.64
219	70	2516.64	0.0	0.03	-90.28	211.5	-10.04	-47.96	0.0	28.76	0.0	0.0
		0.0	0.0	-0.06	0.0	0.0	18.44	42.31	0.0	30.78	0.0	0.0
						105.8	-11.27	1.13	0.0	30.78	0.0	2516.64
219	76	2516.64	0.0	0.02	-90.28	211.5	-46.69	-47.96	0.0	30.78	0.0	0.0
		0.0	0.0	-0.06	0.0	0.0	24.32	42.31	0.0	30.20	0.0	0.0
						105.8	-5.39	1.13	0.0	30.20	0.0	2516.64
219	77	2516.64	0.0	0.04	-90.28	211.5	-40.80	-47.96	0.0	30.20	0.0	0.0
		0.0	0.0	0.03	0.0	0.0	49.20	42.31	0.0	29.34	0.0	0.0
						105.8	19.49	1.13	0.0	29.34	0.0	2516.64
219	79	2021.29	0.0	0.02	-72.63	211.5	-15.92	-47.96	0.0	29.34	0.0	0.0
		0.0	0.0	-0.01	0.0	0.0	41.16	34.12	0.0	26.66	0.0	0.0
						105.8	17.18	0.88	0.0	26.66	0.0	2021.29
219	85	6551.57	0.0	0.12	-234.04	211.5	-11.23	-38.51	0.0	26.66	0.0	0.0
		0.0	0.0	-0.04	0.0	0.0	1.16	109.10	0.0	55.01	0.0	0.0
						105.8	-75.26	3.17	0.0	55.01	0.0	6551.57
219	86	2021.29	0.0	0.02	-72.63	211.5	-167.67	-124.94	0.0	55.01	0.0	0.0
		0.0	0.0	-0.01	0.0	0.0	41.16	34.12	0.0	26.66	0.0	0.0
						105.8	17.18	0.88	0.0	26.66	0.0	2021.29
219	90	3191.54	0.0	0.05	-114.32	211.5	-11.23	-38.51	0.0	26.66	0.0	0.0
		0.0	0.0	-0.02	0.0	0.0	30.81	53.49	0.0	33.99	0.0	0.0
						105.8	-6.71	1.47	0.0	33.99	0.0	3191.54
219	91	2021.29	0.0	0.02	-72.63	211.5	-51.66	-60.84	0.0	33.99	0.0	0.0
		0.0	0.0	-0.01	0.0	0.0	41.16	34.12	0.0	26.66	0.0	0.0
						105.8	17.18	0.88	0.0	26.66	0.0	2021.29
219	92	2516.64	0.0	0.03	-90.28	211.5	-11.23	-38.51	0.0	26.66	0.0	0.0
		0.0	0.0	-0.02	0.0	0.0	36.76	42.31	0.0	29.77	0.0	0.0
						105.8	7.05	1.13	0.0	29.77	0.0	2516.64
220	1	3133.39	0.0	0.05	-111.07	211.5	-28.36	-47.96	0.0	29.77	0.0	0.0
		0.0	0.0	0.03	0.0	0.0	45.31	51.72	0.0	-40.37	0.0	0.0
						107.5	10.02	1.59	0.0	-40.37	0.0	3133.39
220	3	5817.91	0.0	0.12	-205.58	215.0	-32.87	-59.35	0.0	-40.37	0.0	0.0
		0.0	0.0	0.05	0.0	0.0	23.70	95.26	0.0	-52.37	0.0	0.0
						107.5	-41.14	3.13	0.0	-52.37	0.0	5817.91
220	11	1.054e+04	0.0	0.23	-371.92	215.0	-121.00	-110.32	0.0	-52.37	0.0	0.0
		0.0	0.0	0.09	0.0	0.0	-13.23	171.90	0.0	-73.12	0.0	0.0
						107.5	-130.09	5.86	0.0	-73.12	0.0	1.054e+04
220	23	2715.92	0.0	0.04	-96.20	215.0	-275.00	-200.03	0.0	-73.12	0.0	0.0
		0.0	0.0	6.77e-03	0.0	0.0	42.70	44.74	0.0	-31.93	0.0	0.0
						107.5	12.19	1.40	0.0	-31.93	0.0	2715.92
220	26	2715.92	0.0	0.06	-96.20	215.0	-25.01	-51.45	0.0	-31.93	0.0	0.0
		0.0	0.0	0.05	0.0	0.0	22.07	44.74	0.0	-32.92	0.0	0.0
						107.5	-8.44	1.40	0.0	-32.92	0.0	2715.92
220	28	2715.92	0.0	0.05	-96.20	215.0	-45.64	-51.45	0.0	-32.92	0.0	0.0
		0.0	0.0	-4.45e-03	0.0	0.0	39.50	44.74	0.0	-31.99	0.0	0.0
						107.5	8.99	1.40	0.0	-31.99	0.0	2715.92
220	37	2715.92	0.0	0.02	-96.20	215.0	-28.21	-51.45	0.0	-31.99	0.0	0.0
		0.0	0.0	0.04	0.0	0.0	36.01	44.74	0.0	-32.46	0.0	0.0
						107.5	5.50	1.40	0.0	-32.46	0.0	2715.92
220	40	2715.92	0.0	0.07	-96.20	215.0	-31.70	-51.45	0.0	-32.46	0.0	0.0
		0.0	0.0	-9.20e-03	0.0	0.0	29.74	44.74	0.0	-32.28	0.0	0.0
						107.5	-0.77	1.40	0.0	-32.28	0.0	2715.92
220	55	2715.92	0.0	0.03	-96.20	215.0	-37.97	-51.45	0.0	-32.28	0.0	0.0
		0.0	0.0	-1.94e-04	0.0	0.0	46.37	44.74	0.0	-31.75	0.0	0.0
						107.5	15.86	1.40	0.0	-31.75	0.0	2715.92
220	58	2715.92	0.0	0.06	-96.20	215.0	-21.34	-51.45	0.0	-31.75	0.0	0.0
		0.0	0.0	0.05	0.0	0.0	18.40	44.74	0.0	-33.10	0.0	0.0
						107.5	-12.11	1.40	0.0	-33.10	0.0	2715.92
220	60	2715.92	0.0	0.06	-96.20	215.0	-49.31	-51.45	0.0	-33.10	0.0	0.0
		0.0	0.0	-0.02	0.0	0.0	42.03	44.74	0.0	-31.84	0.0	0.0
						107.5	11.52	1.40	0.0	-31.84	0.0	2715.92
220	69	2715.92	0.0	-0.02	-96.20	215.0	-25.68	-51.45	0.0	-31.84	0.0	0.0
						0.0	37.30	44.74	0.0	-32.47	0.0	0.0

		0.0	0.0	0.05	0.0	107.5	6.79	1.40	0.0	-32.47	0.0	2715.92
						215.0	-30.41	-51.45	0.0	-32.47	0.0	0.0
220	74	2715.92	0.0	0.08	-96.20	0.0	23.75	44.74	0.0	-32.91	0.0	0.0
		0.0	0.0	1.45e-03	0.0	107.5	-6.76	1.40	0.0	-32.91	0.0	2715.92
						215.0	-43.96	-51.45	0.0	-32.91	0.0	0.0
220	79	2179.02	0.0	0.03	-77.30	0.0	36.71	36.04	0.0	-30.03	0.0	0.0
		0.0	0.0	0.02	0.0	107.5	12.11	1.09	0.0	-30.03	0.0	2179.02
						215.0	-17.70	-41.26	0.0	-30.03	0.0	0.0
220	81	3968.70	0.0	0.08	-140.30	0.0	22.30	65.06	0.0	-38.03	0.0	0.0
		0.0	0.0	0.04	0.0	107.5	-22.00	2.12	0.0	-38.03	0.0	3968.70
						215.0	-76.45	-75.24	0.0	-38.03	0.0	0.0
220	85	7118.70	0.0	0.15	-251.20	0.0	-2.32	116.15	0.0	-51.86	0.0	0.0
		0.0	0.0	0.06	0.0	107.5	-81.30	3.93	0.0	-51.86	0.0	7118.70
						215.0	-179.12	-135.05	0.0	-51.86	0.0	0.0
220	86	2179.02	0.0	0.03	-77.30	0.0	36.71	36.04	0.0	-30.03	0.0	0.0
		0.0	0.0	0.02	0.0	107.5	12.11	1.09	0.0	-30.03	0.0	2179.02
						215.0	-17.70	-41.26	0.0	-30.03	0.0	0.0
220	87	3073.86	0.0	0.05	-108.80	0.0	29.50	50.55	0.0	-34.03	0.0	0.0
		0.0	0.0	0.03	0.0	107.5	-4.95	1.60	0.0	-34.03	0.0	3073.86
						215.0	-47.08	-58.25	0.0	-34.03	0.0	0.0
220	90	3453.31	0.0	0.06	-122.16	0.0	26.60	56.70	0.0	-35.67	0.0	0.0
		0.0	0.0	0.03	0.0	107.5	-12.03	1.82	0.0	-35.67	0.0	3453.31
						215.0	-59.38	-65.45	0.0	-35.67	0.0	0.0
220	91	2179.02	0.0	0.03	-77.30	0.0	36.71	36.04	0.0	-30.03	0.0	0.0
		0.0	0.0	0.02	0.0	107.5	12.11	1.09	0.0	-30.03	0.0	2179.02
						215.0	-17.70	-41.26	0.0	-30.03	0.0	0.0
220	92	2715.92	0.0	0.05	-96.20	0.0	32.38	44.74	0.0	-32.43	0.0	0.0
		0.0	0.0	0.03	0.0	107.5	1.87	1.40	0.0	-32.43	0.0	2715.92
						215.0	-35.32	-51.45	0.0	-32.43	0.0	0.0
221	1	2853.05	0.0	-0.03	-99.91	0.0	-20.33	52.25	0.0	0.06	0.0	0.0
		0.0	0.0	0.02	0.0	107.6	16.96	-0.79	0.0	0.06	0.0	2853.05
						215.2	49.91	-47.66	0.0	0.06	0.0	0.0
221	9	7818.93	0.0	-0.14	-272.17	0.0	-150.72	142.99	0.0	0.09	0.0	0.0
		0.0	0.0	-3.56e-04	0.0	107.6	-48.53	-2.38	0.0	0.09	0.0	7818.93
						215.2	40.61	-129.18	0.0	0.09	0.0	0.0
221	11	9506.29	0.0	-0.18	-330.70	0.0	-195.01	173.82	0.0	0.10	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	107.6	-70.76	-2.92	0.0	0.10	0.0	9506.29
						215.2	37.48	-156.88	0.0	0.10	0.0	0.0
221	15	2469.08	0.0	-0.04	-86.38	0.0	3.23	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.04	0.0	107.6	35.50	-0.70	0.0	0.05	0.0	2469.08
						215.2	63.95	-41.17	0.0	0.05	0.0	0.0
221	18	2469.08	0.0	-0.02	-86.38	0.0	-48.89	45.21	0.0	0.04	0.0	0.0
		0.0	0.0	-2.53e-03	0.0	107.6	-16.62	-0.70	0.0	0.04	0.0	2469.08
						215.2	11.83	-41.17	0.0	0.04	0.0	0.0
221	25	2469.08	0.0	-0.03	-86.38	0.0	-38.03	45.21	0.0	0.04	0.0	0.0
		0.0	0.0	-6.19e-03	0.0	107.6	-5.76	-0.70	0.0	0.04	0.0	2469.08
						215.2	22.69	-41.17	0.0	0.04	0.0	0.0
221	28	2469.08	0.0	-0.02	-86.38	0.0	-7.14	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.04	0.0	107.6	25.13	-0.70	0.0	0.05	0.0	2469.08
						215.2	53.58	-41.17	0.0	0.05	0.0	0.0
221	37	2469.08	0.0	-0.05	-86.38	0.0	-21.68	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.01	0.0	107.6	10.59	-0.70	0.0	0.05	0.0	2469.08
						215.2	39.04	-41.17	0.0	0.05	0.0	0.0
221	43	2469.08	0.0	-0.05	-86.38	0.0	-13.08	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.03	0.0	107.6	19.20	-0.70	0.0	0.05	0.0	2469.08
						215.2	47.65	-41.17	0.0	0.05	0.0	0.0
221	47	2469.08	0.0	-0.04	-86.38	0.0	12.50	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.04	0.0	107.6	44.77	-0.70	0.0	0.05	0.0	2469.08
						215.2	73.23	-41.17	0.0	0.05	0.0	0.0
221	50	2469.08	0.0	-0.02	-86.38	0.0	-58.17	45.21	0.0	0.04	0.0	0.0
		0.0	0.0	-9.37e-03	0.0	107.6	-25.90	-0.70	0.0	0.04	0.0	2469.08
						215.2	2.55	-41.17	0.0	0.04	0.0	0.0
221	57	2469.08	0.0	-0.03	-86.38	0.0	-43.45	45.21	0.0	0.04	0.0	0.0
		0.0	0.0	-0.01	0.0	107.6	-11.17	-0.70	0.0	0.04	0.0	2469.08
						215.2	17.28	-41.17	0.0	0.04	0.0	0.0
221	60	2469.08	0.0	-0.02	-86.38	0.0	-1.55	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.05	0.0	107.6	30.72	-0.70	0.0	0.05	0.0	2469.08
						215.2	59.17	-41.17	0.0	0.05	0.0	0.0
221	69	2469.08	0.0	-0.06	-86.38	0.0	-21.27	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.01	0.0	107.6	11.00	-0.70	0.0	0.05	0.0	2469.08
						215.2	39.46	-41.17	0.0	0.05	0.0	0.0
221	75	2469.08	0.0	-0.06	-86.38	0.0	-9.60	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.04	0.0	107.6	22.67	-0.70	0.0	0.05	0.0	2469.08
						215.2	51.12	-41.17	0.0	0.05	0.0	0.0
221	79	1986.98	0.0	-0.02	-69.65	0.0	-10.18	36.40	0.0	0.04	0.0	0.0
		0.0	0.0	0.02	0.0	107.6	15.79	-0.54	0.0	0.04	0.0	1986.98
						215.2	38.78	-33.25	0.0	0.04	0.0	0.0

221	83	5297.57	0.0	-0.09	-184.49	0.0	-97.11	96.89	0.0	0.06	0.0	0.0
		0.0	0.0	2.62e-03	0.0	107.6	-27.87	-1.60	0.0	0.06	0.0	5297.57
						215.2	32.59	-87.60	0.0	0.06	0.0	0.0
221	85	6422.47	0.0	-0.12	-223.51	0.0	-126.63	117.44	0.0	0.07	0.0	0.0
		0.0	0.0	6.40e-04	0.0	107.6	-42.69	-1.96	0.0	0.07	0.0	6422.47
						215.2	30.50	-106.07	0.0	0.07	0.0	0.0
221	86	1986.98	0.0	-0.02	-69.65	0.0	-10.18	36.40	0.0	0.04	0.0	0.0
		0.0	0.0	0.02	0.0	107.6	15.79	-0.54	0.0	0.04	0.0	1986.98
						215.2	38.78	-33.25	0.0	0.04	0.0	0.0
221	88	2649.09	0.0	-0.03	-92.62	0.0	-27.57	48.50	0.0	0.05	0.0	0.0
		0.0	0.0	0.01	0.0	107.6	7.06	-0.75	0.0	0.05	0.0	2649.09
						215.2	37.54	-44.12	0.0	0.05	0.0	0.0
221	90	3131.20	0.0	-0.04	-109.34	0.0	-40.22	57.31	0.0	0.05	0.0	0.0
		0.0	0.0	0.01	0.0	107.6	0.71	-0.91	0.0	0.05	0.0	3131.20
						215.2	36.65	-52.04	0.0	0.05	0.0	0.0
221	91	1986.98	0.0	-0.02	-69.65	0.0	-10.18	36.40	0.0	0.04	0.0	0.0
		0.0	0.0	0.02	0.0	107.6	15.79	-0.54	0.0	0.04	0.0	1986.98
						215.2	38.78	-33.25	0.0	0.04	0.0	0.0
221	92	2469.08	0.0	-0.03	-86.38	0.0	-22.83	45.21	0.0	0.05	0.0	0.0
		0.0	0.0	0.02	0.0	107.6	9.44	-0.70	0.0	0.05	0.0	2469.08
						215.2	37.89	-41.17	0.0	0.05	0.0	0.0
222	1	2958.87	0.0	0.03	-106.23	0.0	63.59	49.31	0.0	-33.22	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	29.48	1.61	0.0	-33.22	0.0	2958.87
						212.7	-12.39	-56.93	0.0	-33.22	0.0	0.0
222	3	5483.00	0.0	0.08	-196.25	0.0	55.15	90.60	0.0	-51.76	0.0	0.0
		0.0	0.0	0.07	0.0	106.4	-7.37	3.19	0.0	-51.76	0.0	5483.00
						212.7	-85.21	-105.65	0.0	-51.76	0.0	0.0
222	11	9884.25	0.0	0.18	-353.20	0.0	39.81	162.59	0.0	-84.27	0.0	0.0
		0.0	0.0	0.10	0.0	106.4	-72.24	5.93	0.0	-84.27	0.0	9884.25
						212.7	-212.81	-190.60	0.0	-84.27	0.0	0.0
222	15	2563.41	0.0	0.02	-91.97	0.0	63.42	42.63	0.0	-28.77	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	33.94	1.42	0.0	-28.77	0.0	2563.41
						212.7	-2.36	-49.34	0.0	-28.77	0.0	0.0
222	19	2563.41	0.0	0.02	-91.97	0.0	64.34	42.63	0.0	-28.85	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	34.87	1.42	0.0	-28.85	0.0	2563.41
						212.7	-1.44	-49.34	0.0	-28.85	0.0	0.0
222	22	2563.41	0.0	0.04	-91.97	0.0	31.58	42.63	0.0	-26.48	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	2.11	1.42	0.0	-26.48	0.0	2563.41
						212.7	-34.19	-49.34	0.0	-26.48	0.0	0.0
222	27	2563.41	0.0	0.02	-91.97	0.0	58.75	42.63	0.0	-28.61	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	29.28	1.42	0.0	-28.61	0.0	2563.41
						212.7	-7.03	-49.34	0.0	-28.61	0.0	0.0
222	31	2563.41	0.0	0.03	-91.97	0.0	51.20	42.63	0.0	-28.09	0.0	0.0
		0.0	0.0	0.07	0.0	106.4	21.73	1.42	0.0	-28.09	0.0	2563.41
						212.7	-14.57	-49.34	0.0	-28.09	0.0	0.0
222	44	2563.41	0.0	0.02	-91.97	0.0	49.52	42.63	0.0	-27.58	0.0	0.0
		0.0	0.0	4.33e-03	0.0	106.4	20.05	1.42	0.0	-27.58	0.0	2563.41
						212.7	-16.25	-49.34	0.0	-27.58	0.0	0.0
222	47	2563.41	0.0	0.02	-91.97	0.0	68.92	42.63	0.0	-29.17	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	39.45	1.42	0.0	-29.17	0.0	2563.41
						212.7	3.14	-49.34	0.0	-29.17	0.0	0.0
222	51	2563.41	0.0	0.02	-91.97	0.0	70.17	42.63	0.0	-29.27	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	40.70	1.42	0.0	-29.27	0.0	2563.41
						212.7	4.39	-49.34	0.0	-29.27	0.0	0.0
222	54	2563.41	0.0	0.04	-91.97	0.0	25.75	42.63	0.0	-26.06	0.0	0.0
		0.0	0.0	0.03	0.0	106.4	-3.72	1.42	0.0	-26.06	0.0	2563.41
						212.7	-40.02	-49.34	0.0	-26.06	0.0	0.0
222	59	2563.41	0.0	0.02	-91.97	0.0	62.59	42.63	0.0	-28.94	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	33.12	1.42	0.0	-28.94	0.0	2563.41
						212.7	-3.19	-49.34	0.0	-28.94	0.0	0.0
222	63	2563.41	0.0	0.03	-91.97	0.0	52.36	42.63	0.0	-28.24	0.0	0.0
		0.0	0.0	0.08	0.0	106.4	22.89	1.42	0.0	-28.24	0.0	2563.41
						212.7	-13.42	-49.34	0.0	-28.24	0.0	0.0
222	76	2563.41	0.0	-0.02	-91.97	0.0	50.08	42.63	0.0	-27.56	0.0	0.0
		0.0	0.0	-8.83e-03	0.0	106.4	20.61	1.42	0.0	-27.56	0.0	2563.41
						212.7	-15.70	-49.34	0.0	-27.56	0.0	0.0
222	79	2058.59	0.0	0.02	-73.96	0.0	49.65	34.37	0.0	-23.96	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	25.86	1.11	0.0	-23.96	0.0	2058.59
						212.7	-3.25	-39.59	0.0	-23.96	0.0	0.0
222	81	3741.34	0.0	0.05	-133.97	0.0	44.02	61.90	0.0	-36.32	0.0	0.0
		0.0	0.0	0.05	0.0	106.4	1.29	2.16	0.0	-36.32	0.0	3741.34
						212.7	-51.80	-72.07	0.0	-36.32	0.0	0.0
222	85	6675.51	0.0	0.12	-238.61	0.0	33.79	109.90	0.0	-57.99	0.0	0.0
		0.0	0.0	0.07	0.0	106.4	-41.96	3.99	0.0	-57.99	0.0	6675.51
						212.7	-136.86	-128.71	0.0	-57.99	0.0	0.0
222	86	2058.59	0.0	0.02	-73.96	0.0	49.65	34.37	0.0	-23.96	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	25.86	1.11	0.0	-23.96	0.0	2058.59

222	87	2899.97 0.0	0.0	0.04	-103.97	212.7	-3.25	-39.59	0.0	-23.96	0.0	0.0
			0.0	0.04	0.0	0.0	46.84	48.13	0.0	-30.14	0.0	0.0
						106.4	13.58	1.63	0.0	-30.14	0.0	2899.97
222	90	3251.21 0.0	0.0	0.04	-116.49	212.7	-27.52	-55.83	0.0	-30.14	0.0	0.0
			0.0	0.05	0.0	0.0	45.58	53.88	0.0	-32.74	0.0	0.0
						106.4	8.36	1.85	0.0	-32.74	0.0	3251.21
222	91	2058.59 0.0	0.0	0.02	-73.96	212.7	-37.74	-62.61	0.0	-32.74	0.0	0.0
			0.0	0.04	0.0	0.0	49.65	34.37	0.0	-23.96	0.0	0.0
						106.4	25.86	1.11	0.0	-23.96	0.0	2058.59
222	92	2563.41 0.0	0.0	0.03	-91.97	212.7	-3.25	-39.59	0.0	-23.96	0.0	0.0
			0.0	0.04	0.0	0.0	47.96	42.63	0.0	-27.66	0.0	0.0
						106.4	18.49	1.42	0.0	-27.66	0.0	2563.41
223	1	2966.74 0.0	0.0	-0.06	-107.00	212.7	-17.82	-49.34	0.0	-27.66	0.0	0.0
			0.0	-6.43e-03	0.0	0.0	-46.82	57.60	0.0	44.82	0.0	0.0
						106.2	-4.23	-1.77	0.0	44.82	0.0	2966.74
223	3	5500.32 0.0	0.0	-0.13	-197.80	212.3	29.94	-49.41	0.0	44.82	0.0	0.0
			0.0	-0.02	0.0	0.0	-133.12	106.99	0.0	61.80	0.0	0.0
						106.2	-53.86	-3.50	0.0	61.80	0.0	5500.32
223	4	8089.23 0.0	0.0	-0.19	-290.59	212.3	8.77	-90.82	0.0	61.80	0.0	0.0
			0.0	-0.03	0.0	0.0	-221.15	157.46	0.0	79.11	0.0	0.0
						106.2	-104.42	-5.26	0.0	79.11	0.0	8089.23
223	7	4313.65 0.0	0.0	-0.10	-155.12	212.3	-12.69	-133.13	0.0	79.11	0.0	0.0
			0.0	-0.01	0.0	0.0	-105.24	83.91	0.0	48.10	0.0	0.0
						106.2	-43.08	-2.75	0.0	48.10	0.0	4313.65
223	11	9918.05 0.0	0.0	-0.23	-356.13	212.3	6.03	-71.21	0.0	48.10	0.0	0.0
			0.0	-0.04	0.0	0.0	-283.29	193.11	0.0	91.32	0.0	0.0
						106.2	-140.09	-6.51	0.0	91.32	0.0	9918.05
223	19	2570.55 0.0	0.0	-0.07	-92.65	212.3	-27.81	-163.02	0.0	91.32	0.0	0.0
			0.0	-0.01	0.0	0.0	-36.35	49.93	0.0	35.99	0.0	0.0
						106.2	0.58	-1.56	0.0	35.99	0.0	2570.55
223	22	2570.55 0.0	0.0	-0.05	-92.65	212.3	30.11	-42.72	0.0	35.99	0.0	0.0
			0.0	-1.18e-03	0.0	0.0	-55.35	49.93	0.0	36.83	0.0	0.0
						106.2	-18.42	-1.56	0.0	36.83	0.0	2570.55
223	33	2570.55 0.0	0.0	-0.05	-92.65	212.3	11.11	-42.72	0.0	36.83	0.0	0.0
			0.0	-0.03	0.0	0.0	-69.09	49.93	0.0	37.15	0.0	0.0
						106.2	-32.15	-1.56	0.0	37.15	0.0	2570.55
223	40	2570.55 0.0	0.0	-0.07	-92.65	212.3	-2.63	-42.72	0.0	37.15	0.0	0.0
			0.0	0.02	0.0	0.0	-16.78	49.93	0.0	35.88	0.0	0.0
						106.2	20.15	-1.56	0.0	35.88	0.0	2570.55
223	41	2570.55 0.0	0.0	-0.05	-92.65	212.3	49.68	-42.72	0.0	35.88	0.0	0.0
			0.0	-0.03	0.0	0.0	-74.92	49.93	0.0	36.94	0.0	0.0
						106.2	-37.99	-1.56	0.0	36.94	0.0	2570.55
223	42	2570.55 0.0	0.0	-0.06	-92.65	212.3	-8.46	-42.72	0.0	36.94	0.0	0.0
			0.0	0.01	0.0	0.0	-26.81	49.93	0.0	36.20	0.0	0.0
						106.2	10.12	-1.56	0.0	36.20	0.0	2570.55
223	50	2570.55 0.0	0.0	-0.04	-92.65	212.3	39.65	-42.72	0.0	36.20	0.0	0.0
			0.0	2.11e-03	0.0	0.0	-61.11	49.93	0.0	36.90	0.0	0.0
						106.2	-24.18	-1.56	0.0	36.90	0.0	2570.55
223	51	2570.55 0.0	0.0	-0.07	-92.65	212.3	5.35	-42.72	0.0	36.90	0.0	0.0
			0.0	-0.01	0.0	0.0	-32.97	49.93	0.0	35.84	0.0	0.0
						106.2	3.97	-1.56	0.0	35.84	0.0	2570.55
223	65	2570.55 0.0	0.0	-0.04	-92.65	212.3	33.49	-42.72	0.0	35.84	0.0	0.0
			0.0	-0.04	0.0	0.0	-77.36	49.93	0.0	37.42	0.0	0.0
						106.2	-40.42	-1.56	0.0	37.42	0.0	2570.55
223	72	2570.55 0.0	0.0	-0.07	-92.65	212.3	-10.90	-42.72	0.0	37.42	0.0	0.0
			0.0	0.02	0.0	0.0	-6.43	49.93	0.0	35.69	0.0	0.0
						106.2	30.50	-1.56	0.0	35.69	0.0	2570.55
223	73	2570.55 0.0	0.0	-0.04	-92.65	212.3	60.03	-42.72	0.0	35.69	0.0	0.0
			0.0	-0.03	0.0	0.0	-85.27	49.93	0.0	37.13	0.0	0.0
						106.2	-48.34	-1.56	0.0	37.13	0.0	2570.55
223	74	2570.55 0.0	0.0	-0.06	-92.65	212.3	-18.81	-42.72	0.0	37.13	0.0	0.0
			0.0	0.02	0.0	0.0	-20.03	49.93	0.0	36.13	0.0	0.0
						106.2	16.90	-1.56	0.0	36.13	0.0	2570.55
223	79	2063.83 0.0	0.0	-0.04	-74.49	212.3	46.43	-42.72	0.0	36.13	0.0	0.0
			0.0	-4.09e-03	0.0	0.0	-28.59	40.05	0.0	33.01	0.0	0.0
						106.2	1.01	-1.21	0.0	33.01	0.0	2063.83
223	81	3752.89 0.0	0.0	-0.09	-135.02	212.3	24.84	-34.44	0.0	33.01	0.0	0.0
			0.0	-9.83e-03	0.0	0.0	-86.13	72.98	0.0	44.34	0.0	0.0
						106.2	-32.08	-2.36	0.0	44.34	0.0	3752.89
223	82	5478.82 0.0	0.0	-0.13	-196.88	212.3	10.73	-62.04	0.0	44.34	0.0	0.0
			0.0	-0.02	0.0	0.0	-144.81	106.62	0.0	55.87	0.0	0.0
						106.2	-65.78	-3.54	0.0	55.87	0.0	5478.82
223	85	6698.04 0.0	0.0	-0.16	-240.57	212.3	-3.58	-90.25	0.0	55.87	0.0	0.0
			0.0	-0.03	0.0	0.0	-186.24	130.39	0.0	64.01	0.0	0.0
						106.2	-89.56	-4.37	0.0	64.01	0.0	6698.04
223	86	2063.83	0.0	-0.04	-74.49	212.3	-13.66	-110.18	0.0	64.01	0.0	0.0
						0.0	-28.59	40.05	0.0	33.01	0.0	0.0

		0.0	0.0	-4.09e-03	0.0	106.2	1.01	-1.21	0.0	33.01	0.0	2063.83
						212.3	24.84	-34.44	0.0	33.01	0.0	0.0
223	87	2908.36	0.0	-0.07	-104.75	0.0	-57.36	56.51	0.0	38.68	0.0	0.0
		0.0	0.0	-6.96e-03	0.0	106.2	-15.54	-1.79	0.0	38.68	0.0	2908.36
						212.3	17.79	-48.24	0.0	38.68	0.0	0.0
223	90	3260.92	0.0	-0.07	-117.39	0.0	-69.33	63.39	0.0	41.03	0.0	0.0
		0.0	0.0	-9.23e-03	0.0	106.2	-22.40	-2.03	0.0	41.03	0.0	3260.92
						212.3	14.88	-54.00	0.0	41.03	0.0	0.0
223	91	2063.83	0.0	-0.04	-74.49	0.0	-28.59	40.05	0.0	33.01	0.0	0.0
		0.0	0.0	-4.09e-03	0.0	106.2	1.01	-1.21	0.0	33.01	0.0	2063.83
						212.3	24.84	-34.44	0.0	33.01	0.0	0.0
223	92	2570.55	0.0	-0.06	-92.65	0.0	-45.85	49.93	0.0	36.41	0.0	0.0
		0.0	0.0	-5.81e-03	0.0	106.2	-8.92	-1.56	0.0	36.41	0.0	2570.55
						212.3	20.61	-42.72	0.0	36.41	0.0	0.0
224	5	3506.55	176.30	0.04	-21.59	0.0	-816.91	-67.03	2.48	-4.15	-133.97	3506.55
		-6525.15	-133.97	-1.73e-03	0.0	62.5	-809.62	-81.51	2.48	-4.15	21.16	-1172.01
						125.0	-806.03	-88.63	2.48	-4.15	176.30	-6525.15
224	11	1.478e+04	337.67	0.20	-102.94	0.0	-2437.37	-264.50	6.02	-21.14	-414.58	1.478e+04
		-2.666e+04	-414.58	-0.03	0.0	62.5	-2399.58	-339.47	6.02	-21.14	-38.45	-4335.62
						125.0	-2385.48	-367.44	6.02	-21.14	337.67	-2.666e+04
224	30	5040.88	360.56	0.06	-29.36	0.0	-982.31	-93.71	5.21	-5.89	-290.43	5040.88
		-8976.68	-290.43	-5.69e-03	0.0	62.5	-972.08	-114.01	5.21	-5.89	35.06	-1509.36
						125.0	-967.51	-123.07	5.21	-5.89	360.56	-8976.68
224	32	4796.99	298.22	0.04	-29.36	0.0	-836.62	-86.21	4.15	-5.67	-220.32	4796.99
		-8332.51	-220.32	-5.84e-03	0.0	62.5	-826.39	-106.50	4.15	-5.67	38.95	-1309.22
						125.0	-821.82	-115.56	4.15	-5.67	298.22	-8332.51
224	33	4334.65	76.62	0.07	-29.36	0.0	-1078.75	-84.68	1.39	-5.85	-97.33	4334.65
		-8493.06	-97.33	-1.61e-03	0.0	62.5	-1068.52	-104.97	1.39	-5.85	-10.35	-1620.66
						125.0	-1063.95	-114.04	1.39	-5.85	76.62	-8493.06
224	38	4973.14	373.02	0.05	-29.36	0.0	-875.95	-89.88	5.18	-6.20	-274.22	4973.14
		-8615.78	-274.22	-4.44e-03	0.0	62.5	-865.72	-110.17	5.18	-6.20	49.40	-1362.78
						125.0	-861.16	-119.23	5.18	-6.20	373.02	-8615.78
224	62	5210.00	422.20	0.06	-29.36	0.0	-991.07	-96.65	6.08	-5.93	-337.28	5210.00
		-9177.43	-337.28	-6.41e-03	0.0	62.5	-980.84	-116.95	6.08	-5.93	42.46	-1525.18
						125.0	-976.28	-126.01	6.08	-5.93	422.20	-9177.43
224	64	4879.29	337.66	0.04	-29.36	0.0	-793.52	-86.48	4.64	-5.64	-242.21	4879.29
		-8303.94	-242.21	-6.63e-03	0.0	62.5	-783.29	-106.77	4.64	-5.64	47.72	-1253.79
						125.0	-778.72	-115.84	4.64	-5.64	337.66	-8303.94
224	65	4252.35	37.18	0.07	-29.36	0.0	-1121.85	-84.41	0.90	-5.89	-75.43	4252.35
		-8521.63	-75.43	-9.81e-04	0.0	62.5	-1111.62	-104.70	0.90	-5.89	-19.13	-1676.10
						125.0	-1107.05	-113.76	0.90	-5.89	37.18	-8521.63
224	70	5118.15	439.09	0.04	-29.36	0.0	-846.86	-91.45	6.04	-6.36	-315.30	5118.15
		-8688.04	-315.30	-4.78e-03	0.0	62.5	-836.63	-111.75	6.04	-6.36	61.89	-1326.41
						125.0	-832.06	-120.81	6.04	-6.36	439.09	-8688.04
224	79	3886.81	180.29	0.05	-24.38	0.0	-867.68	-73.64	2.59	-4.73	-142.90	3886.81
		-7202.40	-142.90	-2.42e-03	0.0	62.5	-859.33	-90.20	2.59	-4.73	18.70	-1276.98
						125.0	-855.39	-98.02	2.59	-4.73	180.29	-7202.40
224	85	1.012e+04	246.49	0.13	-70.02	0.0	-1706.76	-181.75	4.29	-14.34	-289.49	1.012e+04
		-1.828e+04	-289.49	-0.02	0.0	62.5	-1681.15	-232.54	4.29	-14.34	-21.50	-2990.70
						125.0	-1671.46	-251.77	4.29	-14.34	246.49	-1.828e+04
224	86	3886.81	180.29	0.05	-24.38	0.0	-867.68	-73.64	2.59	-4.73	-142.90	3886.81
		-7202.40	-142.90	-2.42e-03	0.0	62.5	-859.33	-90.20	2.59	-4.73	18.70	-1276.98
						125.0	-855.39	-98.02	2.59	-4.73	180.29	-7202.40
224	90	5494.71	197.33	0.07	-36.16	0.0	-1083.50	-101.56	3.03	-7.20	-180.71	5494.71
		-1.006e+04	-180.71	-5.92e-03	0.0	62.5	-1070.70	-126.96	3.03	-7.20	8.31	-1719.97
						125.0	-1065.27	-137.72	3.03	-7.20	197.33	-1.006e+04
224	91	3886.81	180.29	0.05	-24.38	0.0	-867.68	-73.64	2.59	-4.73	-142.90	3886.81
		-7202.40	-142.90	-2.42e-03	0.0	62.5	-859.33	-90.20	2.59	-4.73	18.70	-1276.98
						125.0	-855.39	-98.02	2.59	-4.73	180.29	-7202.40
224	92	4565.82	187.42	0.06	-29.36	0.0	-957.68	-85.44	2.77	-5.76	-158.82	4565.82
		-8412.78	-158.82	-3.69e-03	0.0	62.5	-947.45	-105.74	2.77	-5.76	14.30	-1464.94
						125.0	-942.89	-114.80	2.77	-5.76	187.42	-8412.78
225	5	3566.87	50.11	0.05	-22.17	0.0	-858.54	-67.84	-1.30	-4.47	50.11	3566.87
		-6613.47	-112.62	0.02	0.0	62.5	-851.03	-82.75	-1.30	-4.47	-31.25	-1177.04
						125.0	-847.36	-90.01	-1.30	-4.47	-112.62	-6613.47
225	11	1.509e+04	186.10	0.22	-106.62	0.0	-2463.54	-279.99	4.74	5.74	-406.30	1.509e+04
		-2.859e+04	-406.30	-8.60e-03	0.0	62.5	-2424.37	-357.72	4.74	5.74	-110.10	-5082.52
						125.0	-2409.80	-386.61	4.74	5.74	186.10	-2.859e+04
225	14	1.313e+04	191.25	0.19	-93.31	0.0	-2089.99	-243.23	4.58	6.10	-380.86	1.313e+04
		-2.489e+04	-380.86	-0.01	0.0	62.5	-2055.58	-311.50	4.58	6.10	-94.81	-4425.86
						125.0	-2042.96	-336.55	4.58	6.10	191.25	-2.489e+04
225	16	5148.16	177.23	0.07	-30.23	0.0	-899.88	-92.64	2.75	-1.78	-166.71	5148.16
		-8817.89	-166.71	9.16e-03	0.0	62.5	-889.32	-113.59	2.75	-1.78	5.26	-1362.63
						125.0	-884.64	-122.87	2.75	-1.78	177.23	-8817.89
225	17	4151.78	168.83	0.06	-30.23	0.0	-1099.12	-82.75	-4.02	-4.81	168.83	4151.78
		-8548.21	-333.06	0.02	0.0	62.5	-1088.55	-103.70	-4.02	-4.81	-82.12	-1725.97
						125.0	-1083.88	-112.99	-4.02	-4.81	-333.06	-8548.21

225	20	5173.27 -8845.86	173.04 -169.41	0.07 7.57e-03	-30.23 0.0	0.0 62.5 125.0	-893.47 -882.91 -878.23	-93.06 -114.02 -123.30	2.74 2.74 2.74	-1.52 -1.52 -1.52	-169.41 1.81 173.04	5173.27 -1364.05 -8845.86
225	23	4884.05 -8701.97	89.26 -103.27	0.06 0.02	-30.23 0.0	0.0 62.5 125.0	-842.43 -831.87 -827.20	-88.44 -109.40 -118.68	1.54 1.54 1.54	-1.47 -1.47 -1.47	-103.27 -7.00 89.26	4884.05 -1436.72 -8701.97
225	26	4415.89 -8664.13	105.39 -245.09	0.07 0.02	-30.23 0.0	0.0 62.5 125.0	-1156.56 -1146.00 -1141.32	-86.94 -107.90 -117.18	-2.80 -2.80 -2.80	-5.13 -5.13 -5.13	105.39 -69.85 -245.09	4415.89 -1651.88 -8664.13
225	44	5049.22 -9118.93	81.93 -109.15	0.08 0.01	-30.23 0.0	0.0 62.5 125.0	-999.48 -988.92 -984.24	-93.99 -114.94 -124.22	1.53 1.53 1.53	-3.90 -3.90 -3.90	-109.15 -13.61 81.93	5049.22 -1562.61 -9118.93
225	48	5325.52 -8865.90	268.07 -226.43	0.07 6.46e-03	-30.23 0.0	0.0 62.5 125.0	-864.42 -853.85 -849.18	-94.40 -115.35 -124.63	3.96 3.96 3.96	-1.24 -1.24 -1.24	-226.43 20.82 268.07	5325.52 -1297.95 -8865.90
225	49	3974.42 -8500.20	228.55 -423.90	0.06 0.03	-30.23 0.0	0.0 62.5 125.0	-1134.58 -1124.02 -1119.34	-80.99 -101.95 -111.23	-5.22 -5.22 -5.22	-5.35 -5.35 -5.35	228.55 -97.67 -423.90	3974.42 -1790.65 -8500.20
225	52	5359.57 -8903.82	262.38 -230.10	0.07 4.31e-03	-30.23 0.0	0.0 62.5 125.0	-855.72 -845.16 -840.48	-94.97 -115.93 -125.21	3.94 3.94 3.94	-0.89 -0.89 -0.89	-230.10 16.14 262.38	5359.57 -1299.88 -8903.82
225	55	4967.39 -8708.71	148.78 -140.41	0.06 0.02	-30.23 0.0	0.0 62.5 125.0	-786.52 -775.96 -771.28	-88.71 -109.66 -118.95	2.31 2.31 2.31	-0.82 -0.82 -0.82	-140.41 4.18 148.78	4967.39 -1398.42 -8708.71
225	58	4332.55 -8657.40	142.53 -304.61	0.08 0.02	-30.23 0.0	0.0 62.5 125.0	-1212.47 -1201.91 -1197.24	-86.68 -107.63 -116.91	-3.58 -3.58 -3.58	-5.78 -5.78 -5.78	142.53 -81.04 -304.61	4332.55 -1690.18 -8657.40
225	76	5191.35 -9274.10	138.84 -148.38	0.09 7.99e-03	-30.23 0.0	0.0 62.5 125.0	-999.48 -988.92 -984.24	-96.23 -117.18 -126.46	2.30 2.30 2.30	-4.11 -4.11 -4.11	-148.38 -4.77 138.84	5191.35 -1569.13 -9274.10
225	79	3955.85 -7356.85	32.51 -100.17	0.06 0.02	-25.06 0.0	0.0 62.5 125.0	-908.97 -900.36 -896.34	-74.97 -92.05 -100.04	-1.06 -1.06 -1.06	-4.05 -4.05 -4.05	32.51 -33.83 -100.17	3955.85 -1309.02 -7356.85
225	85	1.033e+04 -1.954e+04	102.41 -254.80	0.15 -2.50e-03	-72.49 0.0	0.0 62.5 125.0	-1729.94 -1703.40 -1693.40	-191.90 -244.55 -264.39	2.86 2.86 2.86	3.00 3.00 3.00	-254.80 -76.19 102.41	1.033e+04 -3474.90 -1.954e+04
225	86	3955.85 -7356.85	32.51 -100.17	0.06 0.02	-25.06 0.0	0.0 62.5 125.0	-908.97 -900.36 -896.34	-74.97 -92.05 -100.04	-1.06 -1.06 -1.06	-4.05 -4.05 -4.05	32.51 -33.83 -100.17	3955.85 -1309.02 -7356.85
225	90	5600.90 -1.050e+04	-41.73 -47.78	0.08 0.01	-37.31 0.0	0.0 62.5 125.0	-1121.44 -1108.21 -1102.64	-105.14 -131.40 -142.45	-0.05 -0.05 -0.05	-2.24 -2.24 -2.24	-41.73 -44.75 -47.78	5600.90 -1867.68 -1.050e+04
225	91	3955.85 -7356.85	32.51 -100.17	0.06 0.02	-25.06 0.0	0.0 62.5 125.0	-908.97 -900.36 -896.34	-74.97 -92.05 -100.04	-1.06 -1.06 -1.06	-4.05 -4.05 -4.05	32.51 -33.83 -100.17	3955.85 -1309.02 -7356.85
225	92	4649.97 -8683.05	1.06 -77.92	0.07 0.02	-30.23 0.0	0.0 62.5 125.0	-999.50 -988.94 -984.26	-87.69 -108.65 -117.93	-0.63 -0.63 -0.63	-3.30 -3.30 -3.30	1.06 -38.43 -77.92	4649.97 -1544.30 -8683.05
226	1	2743.21 0.0	0.0 0.0	0.04 -4.46e-03	-95.71 0.0	0.0 107.7 215.3	37.95 6.06 -29.27	45.98 0.57 -49.72	0.0 0.0 0.0	0.05 0.05 0.05	0.0 0.0 0.0	0.0 2743.21 0.0
226	4	7418.30 0.0	0.0 0.0	0.16 -0.03	-257.10 0.0	0.0 107.7 215.3	-1.58 -86.77 -182.18	122.99 1.71 -134.12	0.0 0.0 0.0	0.10 0.10 0.10	0.0 0.0 0.0	0.0 7418.30 0.0
226	11	9099.57 0.0	0.0 0.0	0.21 -0.04	-315.14 0.0	0.0 107.7 215.3	-15.80 -120.16 -237.17	150.68 2.12 -164.47	0.0 0.0 0.0	0.12 0.12 0.12	0.0 0.0 0.0	0.0 9099.57 0.0
226	26	2372.34 0.0	0.0 0.0	0.05 0.01	-82.67 0.0	0.0 107.7 215.3	55.80 28.28 -2.27	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	27	2372.34 0.0	0.0 0.0	0.02 -0.02	-82.67 0.0	0.0 107.7 215.3	-2.75 -30.28 -60.82	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	28	2372.34 0.0	0.0 0.0	0.04 -0.02	-82.67 0.0	0.0 107.7 215.3	3.86 -23.66 -54.21	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	30	2372.34 0.0	0.0 0.0	0.05 0.01	-82.67 0.0	0.0 107.7 215.3	56.72 29.20 -1.35	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	39	2372.34 0.0	0.0 0.0	-0.02 -0.01	-82.67 0.0	0.0 107.7 215.3	10.61 -16.92 -47.47	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	46	2372.34 0.0	0.0 0.0	0.07 -1.79e-04	-82.67 0.0	0.0 107.7 215.3	45.94 18.41 -12.13	39.69 0.51 -42.98	0.0 0.0 0.0	0.04 0.04 0.04	0.0 0.0 0.0	0.0 2372.34 0.0
226	58	2372.34 0.0	0.0 0.0	0.05 0.02	-82.67 0.0	0.0 107.7	66.06 38.54	39.69 0.51	0.0 0.0	0.05 0.05	0.0 0.0	0.0 2372.34

						215.3	7.99	-42.98	0.0	0.05	0.0	0.0
226	59	2372.34	0.0	-0.01	-82.67	0.0	-13.34	39.69	0.0	0.04	0.0	0.0
		0.0	0.0	-0.03	0.0	107.7	-40.86	0.51	0.0	0.04	0.0	2372.34
						215.3	-71.41	-42.98	0.0	0.04	0.0	0.0
226	60	2372.34	0.0	0.04	-82.67	0.0	-4.37	39.69	0.0	0.04	0.0	0.0
		0.0	0.0	-0.03	0.0	107.7	-31.90	0.51	0.0	0.04	0.0	2372.34
						215.3	-62.44	-42.98	0.0	0.04	0.0	0.0
226	62	2372.34	0.0	0.05	-82.67	0.0	67.31	39.69	0.0	0.05	0.0	0.0
		0.0	0.0	0.02	0.0	107.7	39.78	0.51	0.0	0.05	0.0	2372.34
						215.3	9.24	-42.98	0.0	0.05	0.0	0.0
226	71	2372.34	0.0	-0.03	-82.67	0.0	4.77	39.69	0.0	0.04	0.0	0.0
		0.0	0.0	-0.01	0.0	107.7	-22.75	0.51	0.0	0.04	0.0	2372.34
						215.3	-53.30	-42.98	0.0	0.04	0.0	0.0
226	78	2372.34	0.0	0.08	-82.67	0.0	52.68	39.69	0.0	0.04	0.0	0.0
		0.0	0.0	1.57e-03	0.0	107.7	25.16	0.51	0.0	0.04	0.0	2372.34
						215.3	-5.39	-42.98	0.0	0.04	0.0	0.0
226	79	1911.75	0.0	0.02	-66.77	0.0	30.88	32.11	0.0	0.04	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	107.7	8.60	0.39	0.0	0.04	0.0	1911.75
						215.3	-16.02	-34.66	0.0	0.04	0.0	0.0
226	82	5028.48	0.0	0.11	-174.37	0.0	4.53	83.44	0.0	0.07	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-53.28	1.15	0.0	0.07	0.0	5028.48
						215.3	-117.96	-90.93	0.0	0.07	0.0	0.0
226	85	6149.33	0.0	0.14	-213.06	0.0	-4.96	101.90	0.0	0.08	0.0	0.0
		0.0	0.0	-0.03	0.0	107.7	-75.54	1.42	0.0	0.08	0.0	6149.33
						215.3	-154.62	-111.16	0.0	0.08	0.0	0.0
226	86	1911.75	0.0	0.02	-66.77	0.0	30.88	32.11	0.0	0.04	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	107.7	8.60	0.39	0.0	0.04	0.0	1911.75
						215.3	-16.02	-34.66	0.0	0.04	0.0	0.0
226	87	2679.40	0.0	0.04	-93.27	0.0	24.39	44.75	0.0	0.04	0.0	0.0
		0.0	0.0	-7.00e-03	0.0	107.7	-6.63	0.58	0.0	0.04	0.0	2679.40
						215.3	-41.13	-48.52	0.0	0.04	0.0	0.0
226	90	3004.91	0.0	0.05	-104.51	0.0	21.64	50.11	0.0	0.05	0.0	0.0
		0.0	0.0	-8.96e-03	0.0	107.7	-13.10	0.66	0.0	0.05	0.0	3004.91
						215.3	-51.78	-54.40	0.0	0.05	0.0	0.0
226	91	1911.75	0.0	0.02	-66.77	0.0	30.88	32.11	0.0	0.04	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	107.7	8.60	0.39	0.0	0.04	0.0	1911.75
						215.3	-16.02	-34.66	0.0	0.04	0.0	0.0
226	92	2372.34	0.0	0.03	-82.67	0.0	26.99	39.69	0.0	0.04	0.0	0.0
		0.0	0.0	-5.10e-03	0.0	107.7	-0.54	0.51	0.0	0.04	0.0	2372.34
						215.3	-31.08	-42.98	0.0	0.04	0.0	0.0
227	1	3005.03	0.0	-0.08	-107.75	0.0	-22.83	57.99	0.0	-29.06	0.0	0.0
		0.0	0.0	0.06	0.0	106.8	19.67	-1.78	0.0	-29.06	0.0	3005.03
						213.6	53.79	-49.76	0.0	-29.06	0.0	0.0
227	9	8248.32	0.0	-0.20	-294.55	0.0	-210.00	159.59	0.0	-51.37	0.0	0.0
		0.0	0.0	0.10	0.0	106.8	-92.73	-5.32	0.0	-51.37	0.0	8248.32
						213.6	-0.55	-134.96	0.0	-51.37	0.0	0.0
227	11	1.004e+04	0.0	-0.25	-358.54	0.0	-273.78	194.39	0.0	-58.94	0.0	0.0
		0.0	0.0	0.11	0.0	106.8	-130.90	-6.54	0.0	-58.94	0.0	1.004e+04
						213.6	-18.83	-164.15	0.0	-58.94	0.0	0.0
227	27	2603.65	0.0	-0.07	-93.29	0.0	-48.78	50.27	0.0	-24.19	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	-11.93	-1.57	0.0	-24.19	0.0	2603.65
						213.6	17.55	-43.02	0.0	-24.19	0.0	0.0
227	30	2603.65	0.0	-0.06	-93.29	0.0	-7.07	50.27	0.0	-22.99	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	29.79	-1.57	0.0	-22.99	0.0	2603.65
						213.6	59.27	-43.02	0.0	-22.99	0.0	0.0
227	34	2603.65	0.0	-0.07	-93.29	0.0	-19.23	50.27	0.0	-23.58	0.0	0.0
		0.0	0.0	0.07	0.0	106.8	17.63	-1.57	0.0	-23.58	0.0	2603.65
						213.6	47.10	-43.02	0.0	-23.58	0.0	0.0
227	42	2603.65	0.0	-0.07	-93.29	0.0	-18.47	50.27	0.0	-23.23	0.0	0.0
		0.0	0.0	0.07	0.0	106.8	18.39	-1.57	0.0	-23.23	0.0	2603.65
						213.6	47.87	-43.02	0.0	-23.23	0.0	0.0
227	44	2603.65	0.0	-0.07	-93.29	0.0	-27.81	50.27	0.0	-23.51	0.0	0.0
		0.0	0.0	0.07	0.0	106.8	9.04	-1.57	0.0	-23.51	0.0	2603.65
						213.6	38.52	-43.02	0.0	-23.51	0.0	0.0
227	46	2603.65	0.0	-0.07	-93.29	0.0	-16.35	50.27	0.0	-23.19	0.0	0.0
		0.0	0.0	0.07	0.0	106.8	20.51	-1.57	0.0	-23.19	0.0	2603.65
						213.6	49.98	-43.02	0.0	-23.19	0.0	0.0
227	59	2603.65	0.0	-0.08	-93.29	0.0	-56.21	50.27	0.0	-24.40	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	-19.35	-1.57	0.0	-24.40	0.0	2603.65
						213.6	10.13	-43.02	0.0	-24.40	0.0	0.0
227	62	2603.65	0.0	-0.06	-93.29	0.0	0.36	50.27	0.0	-22.77	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	37.21	-1.57	0.0	-22.77	0.0	2603.65
						213.6	66.69	-43.02	0.0	-22.77	0.0	0.0
227	64	2603.65	0.0	-0.08	-93.29	0.0	-25.94	50.27	0.0	-23.91	0.0	0.0
		0.0	0.0	0.08	0.0	106.8	10.91	-1.57	0.0	-23.91	0.0	2603.65
						213.6	40.39	-43.02	0.0	-23.91	0.0	0.0
227	74	2603.65	0.0	-0.07	-93.29	0.0	-15.10	50.27	0.0	-23.10	0.0	0.0

		0.0	0.0	0.08	0.0	106.8	21.76	-1.57	0.0	-23.10	0.0	2603.65
						213.6	51.23	-43.02	0.0	-23.10	0.0	0.0
227	76	2603.65	0.0	-0.08	-93.29	0.0	-27.77	50.27	0.0	-23.48	0.0	0.0
		0.0	0.0	0.08	0.0	106.8	9.08	-1.57	0.0	-23.48	0.0	2603.65
						213.6	38.56	-43.02	0.0	-23.48	0.0	0.0
227	78	2603.65	0.0	-0.07	-93.29	0.0	-12.23	50.27	0.0	-23.05	0.0	0.0
		0.0	0.0	0.08	0.0	106.8	24.63	-1.57	0.0	-23.05	0.0	2603.65
						213.6	54.10	-43.02	0.0	-23.05	0.0	0.0
227	79	2090.53	0.0	-0.05	-75.01	0.0	-9.70	40.32	0.0	-21.42	0.0	0.0
		0.0	0.0	0.04	0.0	106.8	19.84	-1.22	0.0	-21.42	0.0	2090.53
						213.6	43.63	-34.68	0.0	-21.42	0.0	0.0
227	83	5586.05	0.0	-0.14	-199.54	0.0	-134.48	108.06	0.0	-36.29	0.0	0.0
		0.0	0.0	0.07	0.0	106.8	-55.10	-3.58	0.0	-36.29	0.0	5586.05
						213.6	7.41	-91.49	0.0	-36.29	0.0	0.0
227	85	6783.34	0.0	-0.17	-242.20	0.0	-177.00	131.26	0.0	-41.34	0.0	0.0
		0.0	0.0	0.08	0.0	106.8	-80.54	-4.39	0.0	-41.34	0.0	6783.34
						213.6	-4.78	-110.94	0.0	-41.34	0.0	0.0
227	86	2090.53	0.0	-0.05	-75.01	0.0	-9.70	40.32	0.0	-21.42	0.0	0.0
		0.0	0.0	0.04	0.0	106.8	19.84	-1.22	0.0	-21.42	0.0	2090.53
						213.6	43.63	-34.68	0.0	-21.42	0.0	0.0
227	88	2789.63	0.0	-0.07	-99.91	0.0	-34.66	53.87	0.0	-24.40	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	4.85	-1.69	0.0	-24.40	0.0	2789.63
						213.6	36.39	-46.04	0.0	-24.40	0.0	0.0
227	90	3302.76	0.0	-0.08	-118.20	0.0	-52.88	63.81	0.0	-26.56	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	-6.06	-2.04	0.0	-26.56	0.0	3302.76
						213.6	31.16	-54.38	0.0	-26.56	0.0	0.0
227	91	2090.53	0.0	-0.05	-75.01	0.0	-9.70	40.32	0.0	-21.42	0.0	0.0
		0.0	0.0	0.04	0.0	106.8	19.84	-1.22	0.0	-21.42	0.0	2090.53
						213.6	43.63	-34.68	0.0	-21.42	0.0	0.0
227	92	2603.65	0.0	-0.07	-93.29	0.0	-27.93	50.27	0.0	-23.59	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	8.93	-1.57	0.0	-23.59	0.0	2603.65
						213.6	38.41	-43.02	0.0	-23.59	0.0	0.0
236	5	1050.19	3.22	-0.08	-33.71	0.0	-614.89	26.37	0.02	-4.72	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-603.19	3.16	0.02	-4.72	1.61	1027.98
						150.0	-597.90	-7.34	0.02	-4.72	3.22	791.82
236	11	2863.10	0.0	-0.28	-173.41	0.0	-1624.66	106.29	-0.20	4.70	0.0	0.0
		-1129.19	-29.52	0.04	0.0	75.0	-1560.46	-21.08	-0.20	4.70	-14.76	2686.89
						150.0	-1537.25	-67.12	-0.20	4.70	-29.52	-1129.19
236	14	2442.97	0.0	-0.24	-152.21	0.0	-1370.25	92.21	-0.18	5.18	0.0	0.0
		-1182.58	-27.69	0.04	0.0	75.0	-1313.75	-19.88	-0.18	5.18	-13.84	2262.67
						150.0	-1293.53	-60.00	-0.18	5.18	-27.69	-1182.58
236	16	1282.02	7.59	-0.12	-47.14	0.0	-585.27	35.29	0.05	-3.66	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-568.49	2.00	0.05	-3.66	3.79	1276.63
						150.0	-561.51	-11.86	0.05	-3.66	7.59	785.48
236	17	1059.96	0.0	-0.08	-47.14	0.0	-812.98	32.40	-0.05	-3.53	0.0	0.0
		0.0	-7.87	0.03	0.0	75.0	-796.20	-0.89	-0.05	-3.53	-3.93	1059.96
						150.0	-789.22	-14.74	-0.05	-3.53	-7.87	352.14
236	24	1295.94	11.66	-0.12	-47.14	0.0	-603.35	35.45	0.08	-3.63	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-586.57	2.16	0.08	-3.63	5.83	1289.00
						150.0	-579.59	-11.69	0.08	-3.63	11.66	810.23
236	27	1278.79	14.36	-0.10	-47.14	0.0	-648.31	35.25	0.10	-3.01	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-631.54	1.96	0.10	-3.01	7.18	1273.76
						150.0	-624.55	-11.89	0.10	-3.01	14.36	779.75
236	30	1062.82	0.0	-0.09	-47.14	0.0	-749.93	32.43	-0.10	-4.18	0.0	0.0
		0.0	-14.64	0.03	0.0	75.0	-733.15	-0.85	-0.10	-4.18	-7.32	1062.82
						150.0	-726.17	-14.71	-0.10	-4.18	-14.64	357.87
236	39	1174.53	8.78	-0.08	-47.14	0.0	-741.37	33.92	0.06	-2.49	0.0	0.0
		0.0	0.0	8.03e-03	0.0	75.0	-724.59	0.64	0.06	-2.49	4.39	1174.53
						150.0	-717.61	-13.22	0.06	-2.49	8.78	581.29
236	48	1325.41	10.34	-0.12	-47.14	0.0	-544.73	35.80	0.07	-3.68	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-527.95	2.51	0.07	-3.68	5.17	1315.20
						150.0	-520.97	-11.34	0.07	-3.68	10.34	862.62
236	49	1021.39	0.0	-0.07	-47.14	0.0	-853.51	31.88	-0.07	-3.51	0.0	0.0
		0.0	-10.62	0.03	0.0	75.0	-836.74	-1.41	-0.07	-3.51	-5.31	1021.39
						150.0	-829.75	-15.26	-0.07	-3.51	-10.62	275.01
236	56	1344.28	15.86	-0.12	-47.14	0.0	-569.25	36.02	0.11	-3.64	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-552.47	2.74	0.11	-3.64	7.93	1331.98
						150.0	-545.49	-11.12	0.11	-3.64	15.86	896.18
236	59	1321.03	19.52	-0.11	-47.14	0.0	-630.23	35.75	0.13	-2.80	0.0	0.0
		0.0	0.0	9.88e-03	0.0	75.0	-613.45	2.46	0.13	-2.80	9.76	1311.31
						150.0	-606.46	-11.39	0.13	-2.80	19.52	854.85
236	62	1025.28	0.0	-0.09	-47.14	0.0	-768.02	31.93	-0.13	-4.39	0.0	0.0
		0.0	-19.80	0.03	0.0	75.0	-751.24	-1.35	-0.13	-4.39	-9.90	1025.28
						150.0	-744.26	-15.21	-0.13	-4.39	-19.80	282.78
236	71	1176.75	11.96	-0.08	-47.14	0.0	-756.40	33.95	0.08	-2.10	0.0	0.0
		0.0	0.0	3.33e-03	0.0	75.0	-739.63	0.67	0.08	-2.10	5.98	1176.75
						150.0	-732.64	-13.19	0.08	-2.10	11.96	585.73

236	79	1088.26	2.00	-0.09	-38.53	0.0	-645.30	29.05	0.01	-4.32	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-631.78	2.22	0.01	-4.32	1.00	1078.34
						150.0	-625.88	-9.48	0.01	-4.32	2.00	711.75
236	85	1999.35	0.0	-0.19	-117.53	0.0	-1148.87	72.95	-0.12	2.29	0.0	0.0
		-604.52	-18.60	0.03	0.0	75.0	-1105.49	-13.14	-0.12	2.29	-9.30	1901.47
						150.0	-1089.63	-44.59	-0.12	2.29	-18.60	-604.52
236	86	1088.26	2.00	-0.09	-38.53	0.0	-645.30	29.05	0.01	-4.32	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-631.78	2.22	0.01	-4.32	1.00	1078.34
						150.0	-625.88	-9.48	0.01	-4.32	2.00	711.75
236	88	1200.99	0.0	-0.10	-50.31	0.0	-720.90	35.60	-7.47e-03	-3.33	0.0	0.0
		0.0	-1.12	0.02	0.0	75.0	-702.92	-0.07	-7.47e-03	-3.33	-0.56	1200.99
						150.0	-695.54	-14.71	-7.47e-03	-3.33	-1.12	515.20
236	90	1290.94	0.0	-0.11	-58.92	0.0	-774.72	40.39	-0.02	-2.61	0.0	0.0
		0.0	-3.26	0.02	0.0	75.0	-753.49	-1.74	-0.02	-2.61	-1.63	1290.94
						150.0	-745.02	-18.54	-0.02	-2.61	-3.26	372.26
236	91	1088.26	2.00	-0.09	-38.53	0.0	-645.30	29.05	0.01	-4.32	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-631.78	2.22	0.01	-4.32	1.00	1078.34
						150.0	-625.88	-9.48	0.01	-4.32	2.00	711.75
236	92	1168.29	0.0	-0.10	-47.14	0.0	-699.12	33.84	-9.38e-04	-3.60	0.0	0.0
		0.0	-0.14	0.02	0.0	75.0	-682.34	0.55	-9.38e-04	-3.60	-0.07	1168.29
						150.0	-675.36	-13.30	-9.38e-04	-3.60	-0.14	568.81
237	5	1033.04	4.85	-0.08	-30.60	0.0	-616.98	24.65	0.03	1.18	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-606.46	3.77	0.03	1.18	2.42	996.03
						150.0	-601.56	-5.95	0.03	1.18	4.85	844.60
237	11	2592.18	58.11	-0.28	-153.48	0.0	-1547.98	94.93	0.39	-0.64	0.0	0.0
		-839.42	0.0	0.04	0.0	75.0	-1491.32	-17.49	0.39	-0.64	29.05	2458.04
						150.0	-1470.62	-58.55	0.39	-0.64	58.11	-839.42
237	14	2202.81	52.28	-0.24	-134.57	0.0	-1298.61	82.15	0.35	-0.80	0.0	0.0
		-927.07	0.0	0.04	0.0	75.0	-1248.78	-16.71	0.35	-0.80	26.14	2059.61
						150.0	-1230.78	-52.41	0.35	-0.80	52.28	-927.07
237	16	1113.97	0.0	-0.10	-42.39	0.0	-610.75	31.12	-0.06	-0.24	0.0	0.0
		0.0	-8.72	0.03	0.0	75.0	-595.77	1.40	-0.06	-0.24	-4.36	1112.86
						150.0	-589.39	-11.27	-0.06	-0.24	-8.72	636.25
237	23	1199.18	6.54	-0.12	-42.39	0.0	-555.77	32.13	0.04	0.26	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-540.79	2.41	0.04	0.26	3.27	1188.60
						150.0	-534.41	-10.26	0.04	0.26	6.54	787.72
237	26	1044.62	13.69	-0.08	-42.39	0.0	-834.52	30.21	0.09	1.62	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-819.54	0.49	0.09	1.62	6.84	1044.62
						150.0	-813.16	-12.18	0.09	1.62	13.69	499.75
237	40	1021.20	0.0	-0.08	-42.39	0.0	-721.62	29.90	-0.07	-0.13	0.0	0.0
		0.0	-9.96	0.03	0.0	75.0	-706.63	0.18	-0.07	-0.13	-4.98	1021.20
						150.0	-700.25	-12.49	-0.07	-0.13	-9.96	452.93
237	41	1225.52	30.19	-0.11	-42.39	0.0	-668.68	32.44	0.20	2.01	0.0	0.0
		0.0	0.0	-4.82e-04	0.0	75.0	-653.70	2.72	0.20	2.01	15.10	1212.01
						150.0	-647.32	-9.94	0.20	2.01	30.19	834.54
237	43	1248.55	23.47	-0.12	-42.39	0.0	-601.55	32.72	0.16	1.46	0.0	0.0
		0.0	0.0	6.89e-03	0.0	75.0	-586.57	2.99	0.16	1.46	11.74	1232.49
						150.0	-580.19	-9.67	0.16	1.46	23.47	875.49
237	48	1112.47	0.0	-0.11	-42.39	0.0	-580.71	31.10	-0.10	-0.66	0.0	0.0
		0.0	-15.43	0.04	0.0	75.0	-565.73	1.38	-0.10	-0.66	-7.71	1111.53
						150.0	-559.34	-11.28	-0.10	-0.66	-15.43	633.58
237	55	1228.01	5.27	-0.12	-42.39	0.0	-506.16	32.47	0.04	0.02	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-491.18	2.75	0.04	0.02	2.64	1214.23
						150.0	-484.79	-9.91	0.04	0.02	5.27	838.98
237	58	1018.99	14.96	-0.07	-42.39	0.0	-884.14	29.87	0.10	1.86	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-869.16	0.15	0.10	1.86	7.48	1018.99
						150.0	-862.77	-12.52	0.10	1.86	14.96	448.49
237	72	987.24	0.0	-0.08	-42.39	0.0	-731.04	29.45	-0.11	-0.51	0.0	0.0
		0.0	-17.11	0.04	0.0	75.0	-716.06	-0.28	-0.11	-0.51	-8.56	987.24
						150.0	-709.67	-12.94	-0.11	-0.51	-17.11	385.00
237	73	1263.72	37.34	-0.11	-42.39	0.0	-659.26	32.90	0.25	2.39	0.0	0.0
		0.0	0.0	-5.66e-03	0.0	75.0	-644.28	3.17	0.25	2.39	18.67	1245.97
						150.0	-637.89	-9.49	0.25	2.39	37.34	902.47
237	75	1294.96	28.23	-0.12	-42.39	0.0	-568.23	33.27	0.19	1.64	0.0	0.0
		0.0	0.0	3.24e-03	0.0	75.0	-553.25	3.54	0.19	1.64	14.11	1273.74
						150.0	-546.86	-9.12	0.19	1.64	28.23	958.00
237	79	1056.99	6.75	-0.08	-34.83	0.0	-644.93	26.99	0.04	1.10	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-632.81	2.94	0.04	1.10	3.37	1039.34
						150.0	-627.37	-7.84	0.04	1.10	6.75	772.55
237	85	1817.86	38.37	-0.19	-104.14	0.0	-1099.35	65.33	0.26	-0.23	0.0	0.0
		-408.57	0.0	0.03	0.0	75.0	-1061.02	-10.71	0.26	-0.23	19.19	1748.40
						150.0	-1046.86	-38.82	0.26	-0.23	38.37	-408.57
237	86	1056.99	6.75	-0.08	-34.83	0.0	-644.93	26.99	0.04	1.10	0.0	0.0
		0.0	0.0	0.01	0.0	75.0	-632.81	2.94	0.04	1.10	3.37	1039.34
						150.0	-627.37	-7.84	0.04	1.10	6.75	772.55
237	90	1222.36	14.87	-0.11	-52.72	0.0	-762.60	36.89	0.10	0.75	0.0	0.0
		0.0	0.0	0.02	0.0	75.0	-743.71	-0.59	0.10	0.75	7.43	1222.36

237	91	1056.99	6.75	-0.08	-34.83	150.0	-736.02	-15.83	0.10	0.75	14.87	467.62
		0.0	0.0	0.01	0.0	0.0	-644.93	26.99	0.04	1.10	0.0	0.0
						75.0	-632.81	2.94	0.04	1.10	3.37	1039.34
237	92	1118.19	10.12	-0.10	-42.39	150.0	-627.37	-7.84	0.04	1.10	6.75	772.55
		0.0	0.0	0.02	0.0	0.0	-695.15	31.17	0.07	0.94	0.0	0.0
						75.0	-680.17	1.45	0.07	0.94	5.06	1116.61
238	1	5699.07	226.72	-0.08	-36.00	150.0	-673.78	-11.22	0.07	0.94	10.12	643.74
		-1.063e+04	-130.29	0.02	0.0	0.0	-1196.77	144.20	-2.86	-4.83	226.72	-1.063e+04
						62.5	-1202.43	132.96	-2.86	-4.83	48.22	-1904.60
238	5	3676.24	175.00	-0.05	-22.47	125.0	-1214.91	108.19	-2.86	-4.83	-130.29	5699.07
		-6896.72	-110.71	0.01	0.0	0.0	-833.12	93.25	-2.29	-4.64	175.00	-6896.72
						62.5	-836.82	85.91	-2.29	-4.64	32.15	-1259.28
238	11	1.553e+04	220.28	-0.22	-108.55	125.0	-844.45	70.78	-2.29	-4.64	-110.71	3676.24
		-2.846e+04	13.72	-3.63e-03	0.0	0.0	-2403.76	389.72	-1.65	8.05	220.28	-2.846e+04
						62.5	-2418.57	360.35	-1.65	8.05	117.00	-4767.23
238	15	4616.55	358.43	-0.08	-30.69	125.0	-2458.48	281.17	-1.65	8.05	13.72	1.553e+04
		-9230.75	-199.14	0.01	0.0	0.0	-1072.75	122.22	-4.46	-4.63	358.43	-9230.75
						62.5	-1077.49	112.82	-4.46	-4.63	79.65	-1827.66
238	17	5018.48	77.63	-0.07	-30.69	125.0	-1088.22	91.53	-4.46	-4.63	-199.14	4616.55
		-8742.04	-88.46	0.01	0.0	0.0	-892.43	121.47	1.33	-1.97	-88.46	-8742.04
						62.5	-897.17	112.08	1.33	-1.97	-5.42	-1382.34
238	19	4606.80	355.95	-0.08	-30.69	125.0	-907.90	90.78	1.33	-1.97	77.63	5018.48
		-9213.42	-203.19	0.01	0.0	0.0	-1079.30	122.00	-4.47	-4.95	355.95	-9213.42
						62.5	-1084.03	112.61	-4.47	-4.95	76.38	-1823.87
238	22	4973.73	14.91	-0.06	-30.69	125.0	-1094.77	91.31	-4.47	-4.95	-203.19	4606.80
		-8616.31	-7.93	0.01	0.0	0.0	-863.33	120.12	0.18	-1.44	-7.93	-8616.31
						62.5	-868.06	110.72	0.18	-1.44	3.49	-1341.85
238	24	4568.61	439.25	-0.07	-30.69	125.0	-878.80	89.42	0.18	-1.44	14.91	4973.73
		-9075.11	-282.94	0.01	0.0	0.0	-1032.98	120.60	-5.78	-5.62	439.25	-9075.11
						62.5	-1037.72	111.21	-5.78	-5.62	78.15	-1773.81
238	28	4578.36	441.73	-0.07	-30.69	125.0	-1048.45	89.91	-5.78	-5.62	-282.94	4568.61
		-9092.44	-278.89	0.01	0.0	0.0	-1026.44	120.82	-5.77	-5.31	441.73	-9092.44
						62.5	-1031.17	111.42	-5.77	-5.31	81.42	-1777.61
238	47	4554.70	424.08	-0.08	-30.69	125.0	-1041.91	90.13	-5.77	-5.31	-278.89	4578.36
		-9343.21	-236.51	0.01	0.0	0.0	-1108.87	122.63	-5.29	-5.14	424.08	-9343.21
						62.5	-1113.60	113.24	-5.29	-5.14	93.78	-1914.81
238	49	5099.72	138.78	-0.07	-30.69	125.0	-1124.34	91.94	-5.29	-5.14	-236.51	4554.70
		-8680.51	-181.90	9.96e-03	0.0	0.0	-864.35	121.62	2.57	-1.54	-181.90	-8680.51
						62.5	-869.09	112.22	2.57	-1.54	-21.56	-1310.96
238	51	4541.49	420.72	-0.08	-30.69	125.0	-879.82	90.92	2.57	-1.54	138.78	5099.72
		-9319.70	-242.01	0.01	0.0	0.0	-1117.74	122.34	-5.30	-5.57	420.72	-9319.70
						62.5	-1122.48	112.94	-5.30	-5.57	89.35	-1909.67
238	54	5039.04	53.73	-0.06	-30.69	125.0	-1133.21	91.64	-5.30	-5.57	-242.01	4541.49
		-8510.02	-72.70	0.01	0.0	0.0	-824.89	119.78	1.01	-0.82	-72.70	-8510.02
						62.5	-829.62	110.38	1.01	-0.82	-9.48	-1256.05
238	56	4489.70	533.67	-0.06	-30.69	125.0	-840.36	89.09	1.01	-0.82	53.73	5039.04
		-9132.16	-350.16	0.01	0.0	0.0	-1054.93	120.44	-7.07	-6.48	533.67	-9132.16
						62.5	-1059.67	111.04	-7.07	-6.48	91.76	-1841.79
238	60	4502.92	537.04	-0.06	-30.69	125.0	-1070.41	89.75	-7.07	-6.48	-350.16	4489.70
		-9155.66	-344.67	0.01	0.0	0.0	-1046.06	120.74	-7.06	-6.06	537.04	-9155.66
						62.5	-1050.80	111.34	-7.06	-6.06	96.19	-1846.93
238	79	4076.22	174.66	-0.06	-25.42	125.0	-1061.53	90.04	-7.06	-6.06	-344.67	4502.92
		-7621.58	-104.78	0.01	0.0	0.0	-882.56	103.24	-2.24	-4.12	174.66	-7621.58
						62.5	-886.63	95.16	-2.24	-4.12	34.94	-1375.60
238	85	1.063e+04	170.37	-0.15	-73.79	125.0	-895.37	77.82	-2.24	-4.12	-104.78	4076.22
		-1.950e+04	-8.77	1.92e-03	0.0	0.0	-1687.23	266.92	-1.43	4.47	170.37	-1.950e+04
						62.5	-1697.39	246.75	-1.43	4.47	80.80	-3284.02
238	86	4076.22	174.66	-0.06	-25.42	125.0	-1724.42	193.13	-1.43	4.47	-8.77	1.063e+04
		-7621.58	-104.78	0.01	0.0	0.0	-882.56	103.24	-2.24	-4.12	174.66	-7621.58
						62.5	-886.63	95.16	-2.24	-4.12	34.94	-1375.60
238	90	5768.14	173.45	-0.08	-37.91	125.0	-895.37	77.82	-2.24	-4.12	-104.78	4076.22
		-1.069e+04	-79.90	9.91e-03	0.0	0.0	-1090.83	145.48	-2.03	-1.91	173.45	-1.069e+04
						62.5	-1096.47	134.28	-2.03	-1.91	46.78	-1867.82
238	91	4076.22	174.66	-0.06	-25.42	125.0	-1109.93	107.57	-2.03	-1.91	-79.90	5768.14
		-7621.58	-104.78	0.01	0.0	0.0	-882.56	103.24	-2.24	-4.12	174.66	-7621.58
						62.5	-886.63	95.16	-2.24	-4.12	34.94	-1375.60
238	92	4790.26	174.01	-0.07	-30.69	125.0	-895.37	77.82	-2.24	-4.12	-104.78	4076.22
		-8914.86	-94.14	0.01	0.0	0.0	-971.31	121.06	-2.15	-3.19	174.01	-8914.86
						62.5	-976.05	111.66	-2.15	-3.19	39.94	-1582.86
239	5	3540.32	122.33	-0.06	-21.84	125.0	-986.78	90.37	-2.15	-3.19	-94.14	4790.26
		-6335.88	-150.53	9.76e-04	0.0	0.0	-802.53	87.46	2.18	0.73	-150.53	-6335.88
						62.5	-806.15	80.28	2.18	0.73	-14.10	-1056.71
239	11	1.447e+04	292.68	-0.22	-104.49	125.0	-813.54	65.63	2.18	0.73	122.33	3540.32
		-2.682e+04	-244.63	-0.02	0.0	0.0	-2346.60	366.76	4.30	40.98	-244.63	-2.682e+04
						62.5	-2360.90	338.40	4.30	40.98	24.03	-4540.97
239	15	4868.75	278.25	-0.08	-29.73	125.0	-2399.27	262.27	4.30	40.98	292.68	1.447e+04
						0.0	-995.32	119.06	4.85	7.25	-328.25	-8617.91

		-8617.91	-328.25	1.53e-03	0.0	62.5	-999.93	109.90	4.85	7.25	-25.00	-1410.27
						125.0	-1010.30	89.33	4.85	7.25	278.25	4868.75
239	20	4704.78	229.68	-0.08	-29.73	0.0	-1037.16	117.89	3.91	7.24	-258.75	-8652.87
		-8652.87	-258.75	-2.40e-03	0.0	62.5	-1041.77	108.74	3.91	7.24	-14.54	-1509.73
						125.0	-1052.14	88.17	3.91	7.24	229.68	4704.78
239	27	4791.81	259.15	-0.08	-29.73	0.0	-1005.59	117.15	4.76	5.86	-336.39	-8460.96
		-8460.96	-336.39	3.13e-03	0.0	62.5	-1010.21	107.99	4.76	5.86	-38.62	-1370.26
						125.0	-1020.58	87.42	4.76	5.86	259.15	4791.81
239	28	4636.53	212.15	-0.08	-29.73	0.0	-1053.10	116.16	3.78	6.17	-260.54	-8507.66
		-8507.66	-260.54	1.50e-03	0.0	62.5	-1057.72	107.01	3.78	6.17	-24.19	-1471.25
						125.0	-1068.09	86.43	3.78	6.17	212.15	4636.53
239	29	4490.26	59.85	-0.07	-29.73	0.0	-818.57	111.27	0.88	3.65	-50.06	-8021.46
		-8021.46	-50.06	-2.36e-03	0.0	62.5	-823.19	102.12	0.88	3.65	4.90	-1301.28
						125.0	-833.56	81.55	0.88	3.65	59.85	4490.26
239	31	4916.85	254.70	-0.07	-29.73	0.0	-898.83	117.35	4.46	6.10	-302.96	-8335.34
		-8335.34	-302.96	1.40e-03	0.0	62.5	-903.44	108.20	4.46	6.10	-24.13	-1244.93
						125.0	-913.81	87.63	4.46	6.10	254.70	4916.85
239	47	4977.45	328.89	-0.08	-29.73	0.0	-1016.49	120.96	5.75	8.08	-389.82	-8743.70
		-8743.70	-389.82	1.90e-03	0.0	62.5	-1021.11	111.80	5.75	8.08	-30.47	-1418.81
						125.0	-1031.48	91.23	5.75	8.08	328.89	4977.45
239	52	4755.12	263.03	-0.08	-29.73	0.0	-1073.23	119.38	4.47	8.07	-295.58	-8791.11
		-8791.11	-295.58	-2.81e-03	0.0	62.5	-1077.84	110.22	4.47	8.07	-16.27	-1553.68
						125.0	-1088.21	89.65	4.47	8.07	263.03	4755.12
239	59	4873.12	302.99	-0.08	-29.73	0.0	-1030.42	118.37	5.63	6.20	-400.85	-8530.88
		-8530.88	-400.85	4.60e-03	0.0	62.5	-1035.04	109.21	5.63	6.20	-48.93	-1364.56
						125.0	-1045.41	88.64	5.63	6.20	302.99	4873.12
239	60	4662.56	239.26	-0.09	-29.73	0.0	-1094.85	117.03	4.30	6.62	-298.00	-8594.20
		-8594.20	-298.00	1.86e-03	0.0	62.5	-1099.47	107.88	4.30	6.62	-29.37	-1501.50
						125.0	-1109.84	87.30	4.30	6.62	239.26	4662.56
239	61	4464.22	32.74	-0.06	-29.73	0.0	-776.83	110.41	0.36	3.20	-12.60	-7934.92
		-7934.92	-12.60	-2.84e-03	0.0	62.5	-781.44	101.25	0.36	3.20	10.07	-1271.03
						125.0	-791.81	80.68	0.36	3.20	32.74	4464.22
239	63	5042.67	296.96	-0.06	-29.73	0.0	-885.66	118.65	5.22	6.52	-355.52	-8360.54
		-8360.54	-355.52	1.73e-03	0.0	62.5	-890.27	109.49	5.22	6.52	-29.28	-1194.62
						125.0	-900.64	88.92	5.22	6.52	296.96	5042.67
239	79	3907.55	127.26	-0.06	-24.67	0.0	-850.62	96.89	2.24	2.23	-152.26	-7027.85
		-7027.85	-152.26	7.78e-04	0.0	62.5	-854.59	89.00	2.24	2.23	-12.50	-1174.84
						125.0	-863.05	72.22	2.24	2.23	127.26	3907.55
239	85	9924.12	208.81	-0.15	-71.06	0.0	-1645.76	251.15	3.13	26.62	-182.23	-1.835e+04
		-1.835e+04	-182.23	-0.01	0.0	62.5	-1655.58	231.66	3.13	26.62	13.29	-3105.21
						125.0	-1681.58	180.08	3.13	26.62	208.81	9924.12
239	86	3907.55	127.26	-0.06	-24.67	0.0	-850.62	96.89	2.24	2.23	-152.26	-7027.85
		-7027.85	-152.26	7.78e-04	0.0	62.5	-854.59	89.00	2.24	2.23	-12.50	-1174.84
						125.0	-863.05	72.22	2.24	2.23	127.26	3907.55
239	90	5460.65	148.23	-0.09	-36.65	0.0	-1055.10	136.71	2.47	8.54	-159.88	-9952.76
		-9952.76	-159.88	-3.20e-03	0.0	62.5	-1060.58	125.83	2.47	8.54	-5.82	-1673.67
						125.0	-1073.57	100.07	2.47	8.54	148.23	5460.65
239	91	3907.55	127.26	-0.06	-24.67	0.0	-850.62	96.89	2.24	2.23	-152.26	-7027.85
		-7027.85	-152.26	7.78e-04	0.0	62.5	-854.59	89.00	2.24	2.23	-12.50	-1174.84
						125.0	-863.05	72.22	2.24	2.23	127.26	3907.55
239	92	4563.39	136.00	-0.07	-29.73	0.0	-935.84	113.72	2.33	4.91	-155.30	-8264.56
		-8264.56	-155.30	-1.23e-03	0.0	62.5	-940.45	104.56	2.33	4.91	-9.65	-1386.27
						125.0	-950.82	83.99	2.33	4.91	136.00	4563.39
240	1	1592.31	-0.79	-0.08	-40.05	0.0	-608.53	19.69	-3.50e-03	-1.23	-0.79	-823.36
		-988.35	-2.54	0.06	0.0	249.5	-608.53	-0.33	-3.50e-03	-1.23	-1.66	1592.31
						499.0	-608.53	-20.36	-3.50e-03	-1.23	-2.54	-988.35
240	11	1559.95	54.90	-0.09	-40.05	0.0	-303.89	19.30	-0.21	-2.84	54.90	-757.29
		-1119.13	-50.39	0.07	0.0	249.5	-303.89	-0.73	-0.21	-2.84	2.25	1559.95
						499.0	-303.89	-20.75	-0.21	-2.84	-50.39	-1119.13
240	14	1194.54	51.10	-0.07	-30.81	0.0	-185.64	14.78	-0.20	-2.45	51.10	-572.18
		-882.08	-46.39	0.06	0.0	249.5	-185.64	-0.62	-0.20	-2.45	2.36	1194.54
						499.0	-185.64	-16.03	-0.20	-2.45	-46.39	-882.08
240	20	1209.84	39.29	-0.08	-30.81	0.0	-455.79	15.00	-0.12	-1.26	39.29	-609.55
		-814.10	-19.52	0.05	0.0	249.5	-455.79	-0.40	-0.12	-1.26	9.89	1209.84
						499.0	-455.79	-15.81	-0.12	-1.26	-19.52	-814.10
240	21	1237.84	11.76	-0.05	-30.81	0.0	-454.64	15.27	0.10	-0.74	-36.01	-651.76
		-715.89	-36.01	0.05	0.0	249.5	-454.64	-0.13	0.10	-0.74	-12.12	1237.84
						499.0	-454.64	-15.54	0.10	-0.74	11.76	-715.89
240	28	1213.03	16.60	-0.08	-30.81	0.0	-456.93	15.02	6.73e-03	-1.37	16.60	-610.46
		-806.82	9.03	0.03	0.0	249.5	-456.93	-0.39	6.73e-03	-1.37	12.82	1213.03
						499.0	-456.93	-15.79	6.73e-03	-1.37	9.03	-806.82
240	29	1234.65	-13.32	-0.05	-30.81	0.0	-453.49	15.25	-0.03	-0.63	-13.32	-650.86
		-723.17	-16.78	0.07	0.0	249.5	-453.49	-0.15	-0.03	-0.63	-15.05	1234.65
						499.0	-453.49	-15.56	-0.03	-0.63	-16.78	-723.17
240	52	1204.86	52.70	-0.09	-30.81	0.0	-455.99	14.95	-0.16	-1.35	52.70	-602.04
		-831.58	-25.09	0.04	0.0	249.5	-455.99	-0.45	-0.16	-1.35	13.80	1204.86
						499.0	-455.99	-15.86	-0.16	-1.35	-25.09	-831.58

240	53	1242.82	17.33	-0.05	-30.81	0.0	-454.43	15.32	0.14	-0.65	-49.42	-659.28
		-698.41	-49.42	0.06	0.0	249.5	-454.43	-0.09	0.14	-0.65	-16.04	1242.82
						499.0	-454.43	-15.49	0.14	-0.65	17.33	-698.41
240	60	1209.18	21.93	-0.09	-30.81	0.0	-457.54	14.97	0.01	-1.50	21.93	-603.27
		-821.70	13.63	0.03	0.0	249.5	-457.54	-0.43	0.01	-1.50	17.78	1209.18
						499.0	-457.54	-15.83	0.01	-1.50	13.63	-821.70
240	61	1238.50	-18.65	-0.04	-30.81	0.0	-452.88	15.30	-0.04	-0.49	-18.65	-658.05
		-708.28	-21.38	0.07	0.0	249.5	-452.88	-0.11	-0.04	-0.49	-20.02	1238.50
						499.0	-452.88	-15.51	-0.04	-0.49	-21.38	-708.28
240	79	1225.74	-0.47	-0.06	-30.81	0.0	-477.74	15.16	3.75e-03	-0.90	-2.33	-635.48
		-756.37	-2.33	0.05	0.0	249.5	-477.74	-0.24	3.75e-03	-0.90	-1.40	1225.74
						499.0	-477.74	-15.65	3.75e-03	-0.90	-0.47	-756.37
240	85	1204.17	34.79	-0.07	-30.81	0.0	-274.65	14.90	-0.13	-1.97	34.79	-591.44
		-843.56	-32.37	0.05	0.0	249.5	-274.65	-0.51	-0.13	-1.97	1.21	1204.17
						499.0	-274.65	-15.91	-0.13	-1.97	-32.37	-843.56
240	86	1225.74	-0.47	-0.06	-30.81	0.0	-477.74	15.16	3.75e-03	-0.90	-2.33	-635.48
		-756.37	-2.33	0.05	0.0	249.5	-477.74	-0.24	3.75e-03	-0.90	-1.40	1225.74
						499.0	-477.74	-15.65	3.75e-03	-0.90	-0.47	-756.37
240	90	1220.41	7.21	-0.07	-30.81	0.0	-425.11	15.09	-0.03	-1.17	7.21	-624.10
		-778.40	-8.67	0.05	0.0	249.5	-425.11	-0.31	-0.03	-1.17	-0.73	1220.41
						499.0	-425.11	-15.71	-0.03	-1.17	-8.67	-778.40
240	91	1225.74	-0.47	-0.06	-30.81	0.0	-477.74	15.16	3.75e-03	-0.90	-2.33	-635.48
		-756.37	-2.33	0.05	0.0	249.5	-477.74	-0.24	3.75e-03	-0.90	-1.40	1225.74
						499.0	-477.74	-15.65	3.75e-03	-0.90	-0.47	-756.37
240	92	1223.84	1.64	-0.07	-30.81	0.0	-455.21	15.13	-0.01	-1.00	1.64	-630.66
		-764.99	-3.88	0.05	0.0	249.5	-455.21	-0.27	-0.01	-1.00	-1.12	1223.84
						499.0	-455.21	-15.67	-0.01	-1.00	-3.88	-764.99
241	11	6726.06	0.0	-0.05	-407.04	0.0	675.49	164.52	-0.49	1.75	0.0	0.0
		-8547.41	-101.62	0.05	0.0	103.8	824.65	-42.24	-0.49	1.75	-50.81	6291.71
						207.7	969.15	-242.52	-0.49	1.75	-101.62	-8547.41
241	14	5968.80	0.0	-0.05	-358.52	0.0	499.30	145.48	-0.45	1.39	0.0	0.0
		-7410.10	-92.49	0.04	0.0	103.8	630.69	-36.64	-0.45	1.39	-46.24	5600.92
						207.7	757.95	-213.04	-0.45	1.39	-92.49	-7410.10
241	20	1600.63	0.0	-0.01	-104.67	0.0	479.80	40.62	-0.25	-0.01	0.0	0.0
		-2540.45	-52.67	0.03	0.0	103.8	518.12	-12.49	-0.25	-0.01	-26.33	1446.58
						207.7	555.32	-64.05	-0.25	-0.01	-52.67	-2540.45
241	21	1449.16	27.60	0.03	-104.67	0.0	747.85	38.67	0.13	2.21	0.0	0.0
		-2944.37	0.0	0.01	0.0	103.8	786.16	-14.44	0.13	2.21	13.80	1244.62
						207.7	823.36	-66.00	0.13	2.21	27.60	-2944.37
241	43	1489.54	185.98	0.01	-104.67	0.0	602.54	39.19	0.90	3.64	0.0	0.0
		-2836.67	0.0	-0.01	0.0	103.8	640.85	-13.92	0.90	3.64	92.99	1298.47
						207.7	678.05	-65.48	0.90	3.64	185.98	-2836.67
241	46	1560.24	0.0	0.02	-104.67	0.0	625.11	40.10	-1.02	-1.44	0.0	0.0
		-2648.15	-211.05	0.05	0.0	103.8	663.43	-13.01	-1.02	-1.44	-105.52	1392.73
						207.7	700.63	-64.57	-1.02	-1.44	-211.05	-2648.15
241	52	1627.59	0.0	-0.01	-104.67	0.0	432.09	40.96	-0.32	-0.41	0.0	0.0
		-2468.55	-66.96	0.04	0.0	103.8	470.41	-12.15	-0.32	-0.41	-33.48	1482.53
						207.7	507.60	-63.70	-0.32	-0.41	-66.96	-2468.55
241	53	1422.20	41.89	0.03	-104.67	0.0	795.56	38.33	0.20	2.61	0.0	0.0
		-3016.27	0.0	0.01	0.0	103.8	833.87	-14.78	0.20	2.61	20.95	1208.67
						207.7	871.07	-66.34	0.20	2.61	41.89	-3016.27
241	75	1476.96	256.66	0.01	-104.67	0.0	598.52	39.03	1.24	4.54	0.0	0.0
		-2870.23	0.0	-0.02	0.0	103.8	636.83	-14.08	1.24	4.54	128.33	1281.69
						207.7	674.03	-65.64	1.24	4.54	256.66	-2870.23
241	78	1572.83	0.0	0.02	-104.67	0.0	629.13	40.26	-1.36	-2.35	0.0	0.0
		-2614.59	-281.72	0.06	0.0	103.8	667.45	-12.85	-1.36	-2.35	-140.86	1409.51
						207.7	704.65	-64.41	-1.36	-2.35	-281.72	-2614.59
241	85	4502.10	0.0	-0.03	-274.74	0.0	537.14	110.55	-0.32	1.29	0.0	0.0
		-5869.60	-66.10	0.03	0.0	103.8	637.81	-28.99	-0.32	1.29	-33.05	4196.46
						207.7	735.35	-164.19	-0.32	1.29	-66.10	-5869.60
241	90	2022.82	0.0	0.01	-133.11	0.0	601.14	51.50	-0.10	1.12	0.0	0.0
		-3265.60	-21.50	0.03	0.0	103.8	649.88	-16.06	-0.10	1.12	-10.75	1822.38
						207.7	697.17	-81.61	-0.10	1.12	-21.50	-3265.60
241	92	1524.89	0.0	0.01	-104.67	0.0	613.83	39.64	-0.06	1.10	0.0	0.0
		-2742.41	-12.53	0.02	0.0	103.8	652.14	-13.47	-0.06	1.10	-6.27	1345.60
						207.7	689.34	-65.02	-0.06	1.10	-12.53	-2742.41
242	5	-187.84	15.18	-7.77e-03	-19.91	0.0	704.01	-3.87	-0.02	2.91	15.18	-187.84
		-1322.74	13.12	3.49e-03	0.0	50.0	699.52	-10.11	-0.02	2.91	14.15	-506.13
						100.0	689.65	-23.78	-0.02	2.91	13.12	-1322.74
242	11	-1081.54	114.99	-0.02	-101.58	0.0	1125.17	-1.15	-0.31	18.21	114.99	-1081.54
		-4695.54	84.41	-4.19e-03	0.0	50.0	1105.65	-28.21	-0.31	18.21	99.70	-1617.19
						100.0	1051.88	-102.73	-0.31	18.21	84.41	-4695.54
242	16	-140.35	130.07	-0.01	-27.78	0.0	848.21	-6.40	-1.93	4.49	130.07	-140.35
		-1792.28	-4.63	6.09e-03	0.0	50.0	842.29	-14.60	-1.93	4.49	62.72	-618.66
						100.0	828.17	-34.18	-1.93	4.49	-4.63	-1792.28
242	17	-409.34	44.85	-5.68e-03	-27.78	0.0	602.33	-0.53	1.83	4.33	-79.90	-409.34
		-1470.78	-79.90	-3.99e-04	0.0	50.0	596.41	-8.73	1.83	4.33	-17.52	-592.41

242	20	-143.07	115.63	-0.01	-27.78	100.0	582.28	-28.31	1.83	4.33	44.85	-1470.78
		-1792.79	8.53	4.10e-03	0.0	0.0	847.65	-6.38	-1.65	4.03	115.63	-143.07
						50.0	841.73	-14.58	-1.65	4.03	62.08	-620.28
242	27	-50.64	93.92	-0.01	-27.78	100.0	827.60	-34.16	-1.65	4.03	8.53	-1792.79
		-1745.62	3.07	3.20e-03	0.0	0.0	837.23	-6.84	1.87	4.75	3.07	-50.64
						50.0	831.31	-15.05	1.87	4.75	48.50	-550.48
242	36	-327.99	322.61	-9.08e-03	-27.78	100.0	817.19	-34.63	1.87	4.75	93.92	-1745.62
		-1728.67	-157.54	7.31e-03	0.0	0.0	776.93	-3.85	-4.51	2.66	322.61	-327.99
						50.0	771.01	-12.05	-4.51	2.66	82.53	-680.68
242	37	-221.70	197.76	-8.86e-03	-27.78	100.0	756.89	-31.63	-4.51	2.66	-157.54	-1728.67
		-1534.39	-272.43	-1.66e-03	0.0	0.0	673.61	-3.07	4.41	6.16	-272.43	-221.70
						50.0	667.69	-11.28	4.41	6.16	-37.34	-530.39
242	48	-92.47	167.44	-0.01	-27.78	100.0	653.57	-30.86	4.41	6.16	197.76	-1534.39
		-1849.50	-13.43	7.24e-03	0.0	0.0	891.98	-7.44	-2.59	4.52	167.44	-92.47
						50.0	886.06	-15.65	-2.59	4.52	77.01	-623.33
242	49	-455.00	53.65	-4.52e-03	-27.78	100.0	871.94	-35.22	-2.59	4.52	-13.43	-1849.50
		-1413.56	-117.27	-1.55e-03	0.0	0.0	558.56	0.52	2.49	4.30	-117.27	-457.22
						50.0	552.64	-7.69	2.49	4.30	-31.81	-587.74
242	52	-96.15	147.87	-0.01	-27.78	100.0	538.51	-27.26	2.49	4.30	53.65	-1413.56
		-1850.20	4.40	4.55e-03	0.0	0.0	891.21	-7.41	-2.22	3.89	147.87	-96.15
						50.0	885.29	-15.62	-2.22	3.89	76.13	-625.53
242	59	29.17	120.20	-0.02	-27.78	100.0	871.17	-35.20	-2.22	3.89	4.40	-1850.20
		-1786.23	-4.77	3.33e-03	0.0	0.0	877.09	-8.05	2.56	4.87	-4.77	29.17
						50.0	871.17	-16.25	2.56	4.87	57.72	-530.88
242	68	-346.91	428.52	-9.12e-03	-27.78	100.0	857.04	-35.83	2.56	4.87	120.20	-1786.23
		-1763.25	-220.78	8.90e-03	0.0	0.0	795.32	-3.99	-6.10	2.04	428.52	-346.91
						50.0	789.40	-12.19	-6.10	2.04	103.87	-707.43
242	69	-202.78	261.00	-8.82e-03	-27.78	100.0	775.28	-31.77	-6.10	2.04	-220.78	-1763.25
		-1499.81	-378.35	-3.22e-03	0.0	0.0	655.22	-2.94	6.00	6.79	-378.35	-202.78
						50.0	649.30	-11.14	6.00	6.79	-58.67	-503.64
242	79	-219.09	18.73	-8.10e-03	-22.74	100.0	635.17	-30.72	6.00	6.79	261.00	-1499.81
		-1433.65	15.63	3.24e-03	0.0	0.0	711.70	-3.72	-0.03	3.45	18.73	-219.09
						50.0	706.69	-10.67	-0.03	3.45	17.18	-541.85
242	85	-729.41	76.79	-0.01	-68.87	100.0	695.30	-26.46	-0.03	3.45	15.63	-1433.65
		-3247.57	56.69	-2.37e-03	0.0	0.0	839.88	-1.36	-0.20	12.24	76.79	-729.41
						50.0	826.54	-19.85	-0.20	12.24	66.74	-1126.56
242	86	-219.09	18.73	-8.10e-03	-22.74	100.0	790.19	-70.23	-0.20	12.24	56.69	-3247.57
		-1433.65	15.63	3.24e-03	0.0	0.0	711.70	-3.72	-0.03	3.45	18.73	-219.09
						50.0	706.69	-10.67	-0.03	3.45	17.18	-541.85
242	90	-350.89	33.73	-9.41e-03	-34.65	100.0	695.30	-26.46	-0.03	3.45	15.63	-1433.65
		-1901.97	26.23	2.00e-03	0.0	0.0	744.57	-3.11	-0.08	5.72	33.73	-350.89
						50.0	737.41	-13.04	-0.08	5.72	29.98	-692.76
242	91	-219.09	18.73	-8.10e-03	-22.74	100.0	719.57	-37.77	-0.08	5.72	26.23	-1901.97
		-1433.65	15.63	3.24e-03	0.0	0.0	711.70	-3.72	-0.03	3.45	18.73	-219.09
						50.0	706.69	-10.67	-0.03	3.45	17.18	-541.85
242	92	-274.85	25.09	-8.97e-03	-27.78	100.0	695.30	-26.46	-0.03	3.45	15.63	-1433.65
		-1631.53	20.11	2.84e-03	0.0	0.0	725.27	-3.46	-0.05	4.41	25.09	-274.85
						50.0	719.35	-11.67	-0.05	4.41	22.60	-605.53
243	5	1856.82	0.0	0.04	-89.18	100.0	705.23	-31.24	-0.05	4.41	20.11	-1631.53
		-4669.65	-7.05	0.01	0.0	0.0	46.37	34.82	-0.02	0.80	0.0	0.0
						156.4	82.25	-16.18	-0.02	0.80	-3.53	1473.42
243	11	1.248e+04	0.0	-0.17	-490.64	312.9	109.10	-54.37	-0.02	0.80	-7.05	-4669.65
		-2.043e+04	-125.92	0.02	0.0	0.0	280.91	213.02	-0.40	5.24	0.0	0.0
						156.4	482.34	-73.36	-0.40	5.24	-62.96	1.103e+04
243	12	8729.91	0.0	-0.12	-344.98	312.9	626.01	-277.61	-0.40	5.24	-125.92	-2.043e+04
		-1.447e+04	-86.62	0.02	0.0	0.0	196.24	149.36	-0.28	3.73	0.0	0.0
						156.4	337.78	-51.88	-0.28	3.73	-43.31	7695.73
243	23	2830.55	3.74	0.05	-127.92	312.9	438.88	-195.62	-0.28	3.73	-86.62	-1.447e+04
		-6327.34	0.0	-3.12e-03	0.0	0.0	122.53	51.61	0.01	3.44	0.0	0.0
						156.4	174.41	-22.15	0.01	3.44	1.87	2328.76
243	24	2854.77	15.87	-0.03	-127.92	312.9	212.51	-76.32	0.01	3.44	3.74	-6327.34
		-6262.78	0.0	-4.69e-03	0.0	0.0	70.84	51.82	0.05	3.80	0.0	0.0
						156.4	122.72	-21.94	0.05	3.80	7.93	2361.05
243	25	2934.95	0.0	0.05	-127.92	312.9	160.82	-76.11	0.05	3.80	15.87	-6262.78
		-6048.95	-54.20	0.03	0.0	0.0	68.01	52.50	-0.17	-1.37	0.0	0.0
						156.4	119.89	-21.26	-0.17	-1.37	-27.10	2467.96
243	26	2959.16	0.0	-0.03	-127.92	312.9	157.99	-75.43	-0.17	-1.37	-54.20	-6048.95
		-5984.39	-42.07	0.03	0.0	0.0	16.32	52.71	-0.13	-1.01	0.0	0.0
						156.4	68.20	-21.05	-0.13	-1.01	-21.04	2500.24
243	43	2839.70	0.0	0.08	-127.92	312.9	106.30	-75.22	-0.13	-1.01	-42.07	-5984.39
		-6302.95	-16.52	0.03	0.0	0.0	168.15	51.69	-0.05	1.03	0.0	0.0
						156.4	220.03	-22.07	-0.05	1.03	-8.26	2340.96
243	46	2950.01	0.0	-0.04	-127.92	312.9	258.13	-76.24	-0.05	1.03	-16.52	-6302.95
		-6008.78	-21.81	-5.10e-03	0.0	0.0	-29.30	52.63	-0.07	1.40	0.0	0.0
						156.4	22.58	-21.13	-0.07	1.40	-10.90	2488.04
243	55	2807.66	11.89	0.05	-127.92	312.9	60.68	-75.30	-0.07	1.40	-21.81	-6008.78
						0.0	141.44	51.41	0.04	4.23	0.0	0.0

		-6388.39	0.0	-8.64e-03	0.0	156.4	193.31	-22.34	0.04	4.23	5.95	2298.24
						312.9	231.41	-76.51	0.04	4.23	11.89	-6388.39
243	56	2840.49	28.34	-0.03	-127.92	0.0	71.34	51.69	0.09	4.72	0.0	0.0
		-6300.84	0.0	-0.01	0.0	156.4	123.22	-22.06	0.09	4.72	14.17	2342.02
						312.9	161.32	-76.23	0.09	4.72	28.34	-6300.84
243	57	2949.22	0.0	0.05	-127.92	0.0	67.51	52.62	-0.21	-2.29	0.0	0.0
		-6010.89	-66.67	0.04	0.0	156.4	119.39	-21.14	-0.21	-2.29	-33.34	2486.99
						312.9	157.49	-75.30	-0.21	-2.29	-66.67	-6010.89
243	58	2982.05	0.0	-0.03	-127.92	0.0	-2.58	52.90	-0.16	-1.80	0.0	0.0
		-5923.34	-50.22	0.03	0.0	156.4	49.29	-20.86	-0.16	-1.80	-25.11	2530.76
						312.9	87.39	-75.02	-0.16	-1.80	-50.22	-5923.34
243	75	2820.06	0.0	0.09	-127.92	0.0	203.30	51.52	-0.05	0.96	0.0	0.0
		-6355.31	-15.58	0.04	0.0	156.4	255.17	-22.24	-0.05	0.96	-7.79	2314.78
						312.9	293.27	-76.40	-0.05	0.96	-15.58	-6355.31
243	78	2969.65	0.0	-0.05	-127.92	0.0	-64.44	52.79	-0.07	1.47	0.0	0.0
		-5956.42	-22.75	-0.01	0.0	156.4	-12.57	-20.96	-0.07	1.47	-11.37	2514.22
						312.9	25.53	-75.13	-0.07	1.47	-22.75	-5956.42
243	79	2228.07	0.0	0.04	-103.09	0.0	54.64	41.04	-0.04	0.95	0.0	0.0
		-5202.97	-11.40	0.01	0.0	156.4	96.26	-18.13	-0.04	0.95	-5.70	1811.34
						312.9	127.15	-62.05	-0.04	0.95	-11.40	-5202.97
243	83	6811.64	0.0	-0.09	-273.62	0.0	154.55	117.40	-0.21	2.91	0.0	0.0
		-1.173e+04	-64.44	0.01	0.0	156.4	266.61	-41.93	-0.21	2.91	-32.22	5959.55
						312.9	347.00	-156.22	-0.21	2.91	-64.44	-1.173e+04
243	85	8367.48	0.0	-0.11	-331.57	0.0	189.05	143.34	-0.26	3.52	0.0	0.0
		-1.396e+04	-82.57	0.02	0.0	156.4	325.06	-50.03	-0.26	3.52	-41.29	7366.92
						312.9	422.26	-188.23	-0.26	3.52	-82.57	-1.396e+04
243	86	2228.07	0.0	0.04	-103.09	0.0	54.64	41.04	-0.04	0.95	0.0	0.0
		-5202.97	-11.40	0.01	0.0	156.4	96.26	-18.13	-0.04	0.95	-5.70	1811.34
						312.9	127.15	-62.05	-0.04	0.95	-11.40	-5202.97
243	88	3144.78	0.0	0.04	-137.20	0.0	74.62	56.32	-0.07	1.34	0.0	0.0
		-6509.15	-22.00	0.01	0.0	156.4	130.33	-22.89	-0.07	1.34	-11.00	2640.98
						312.9	171.12	-80.88	-0.07	1.34	-22.00	-6509.15
243	90	3811.57	0.0	-0.04	-162.03	0.0	89.41	67.43	-0.10	1.61	0.0	0.0
		-7462.05	-29.77	0.01	0.0	156.4	155.37	-26.36	-0.10	1.61	-14.89	3244.14
						312.9	203.37	-94.60	-0.10	1.61	-29.77	-7462.05
243	91	2228.07	0.0	0.04	-103.09	0.0	54.64	41.04	-0.04	0.95	0.0	0.0
		-5202.97	-11.40	0.01	0.0	156.4	96.26	-18.13	-0.04	0.95	-5.70	1811.34
						312.9	127.15	-62.05	-0.04	0.95	-11.40	-5202.97
243	92	2894.86	0.0	0.04	-127.92	0.0	69.43	52.16	-0.06	1.21	0.0	0.0
		-6155.87	-19.17	0.01	0.0	156.4	121.30	-21.60	-0.06	1.21	-9.58	2414.50
						312.9	159.40	-75.77	-0.06	1.21	-19.17	-6155.87
244	4	9178.21	126.41	-0.18	-420.42	0.0	479.18	223.42	-0.40	-3.39	126.41	-1.686e+04
		-1.686e+04	0.0	0.06	0.0	156.3	360.64	55.12	-0.40	-3.39	63.20	8224.45
						312.6	183.06	-197.01	-0.40	-3.39	0.0	-2661.63
244	5	2314.10	17.57	-0.08	-93.12	0.0	114.77	58.30	-0.06	-2.24	17.57	-5009.31
		-5009.31	0.0	0.04	0.0	156.3	87.69	19.85	-0.06	-2.24	8.78	1739.17
						312.6	49.19	-34.82	-0.06	-2.24	0.0	608.47
244	11	1.117e+04	159.35	-0.20	-515.96	0.0	583.67	270.49	-0.51	-3.46	159.35	-2.015e+04
		-2.015e+04	0.0	0.06	0.0	156.3	438.54	64.44	-0.51	-3.46	79.68	1.013e+04
						312.6	220.26	-245.47	-0.51	-3.46	0.0	-3766.05
244	18	3068.31	0.0	-0.10	-133.95	0.0	208.15	79.41	0.02	-1.29	-5.38	-6655.84
		-6655.84	-5.38	0.03	0.0	156.3	169.70	24.82	0.02	-1.29	-2.69	2467.46
						312.6	113.80	-54.54	0.02	-1.29	0.0	203.03
244	20	3127.00	72.72	-0.10	-133.95	0.0	159.28	77.66	-0.23	-3.86	72.72	-6246.65
		-6246.65	0.0	0.05	0.0	156.3	120.83	23.07	-0.23	-3.86	36.36	2604.05
						312.6	64.93	-56.29	-0.23	-3.86	0.0	67.02
244	21	3091.00	0.0	-0.08	-133.95	0.0	160.58	79.22	0.03	-0.79	-9.28	-6596.66
		-6596.66	-9.28	0.03	0.0	156.3	122.13	24.63	0.03	-0.79	-4.64	2500.10
						312.6	66.23	-54.72	0.03	-0.79	0.0	209.12
244	35	3159.87	42.70	-0.06	-133.95	0.0	71.37	77.86	-0.14	-1.78	42.70	-6259.94
		-6259.94	0.0	0.05	0.0	156.3	32.92	23.27	-0.14	-1.78	21.35	2627.69
						312.6	-22.97	-56.09	-0.14	-1.78	0.0	127.59
244	38	3053.51	20.73	-0.12	-133.95	0.0	248.49	79.02	-0.07	-2.86	20.73	-6583.38
		-6583.38	0.0	0.03	0.0	156.3	210.04	24.43	-0.07	-2.86	10.37	2476.46
						312.6	154.14	-54.93	-0.07	-2.86	0.0	148.56
244	43	3161.11	18.55	-0.06	-133.95	0.0	73.73	77.94	-0.06	-2.10	18.55	-6270.15
		-6270.15	0.0	0.06	0.0	156.3	35.28	23.35	-0.06	-2.10	9.27	2626.64
						312.6	-20.61	-56.01	-0.06	-2.10	0.0	135.70
244	50	3058.16	0.0	-0.10	-133.95	0.0	225.32	79.75	0.06	-0.92	-18.59	-6739.20
		-6739.20	-18.59	0.02	0.0	156.3	186.87	25.16	0.06	-0.92	-9.30	2437.34
						312.6	130.97	-54.20	0.06	-0.92	0.0	226.16
244	52	3134.55	87.31	-0.10	-133.95	0.0	159.05	77.38	-0.28	-4.40	87.31	-6184.35
		-6184.35	0.0	0.05	0.0	156.3	120.60	22.79	-0.28	-4.40	43.66	2622.55
						312.6	64.70	-56.57	-0.28	-4.40	0.0	41.73
244	53	3088.92	0.0	-0.08	-133.95	0.0	160.81	79.50	0.08	-0.24	-23.88	-6658.96
		-6658.96	-23.88	0.03	0.0	156.3	122.36	24.91	0.08	-0.24	-11.94	2481.60
						312.6	66.47	-54.45	0.08	-0.24	0.0	234.42

244	67	3179.13	46.61	-0.05	-133.95	0.0	39.84	77.66	-0.15	-1.59	46.61	-6202.37
		-6202.37	0.0	0.05	0.0	156.3	1.39	23.07	-0.15	-1.59	23.30	2654.61
						312.6	-54.50	-56.29	-0.15	-1.59	0.0	123.86
244	70	3038.08	16.82	-0.13	-133.95	0.0	280.01	79.23	-0.05	-3.06	16.82	-6640.95
		-6640.95	0.0	0.03	0.0	156.3	241.56	24.64	-0.05	-3.06	8.41	2449.54
						312.6	185.67	-54.72	-0.05	-3.06	0.0	152.29
244	75	3180.81	13.86	-0.05	-133.95	0.0	43.05	77.76	-0.04	-2.02	13.86	-6216.21
		-6216.21	0.0	0.06	0.0	156.3	4.60	23.17	-0.04	-2.02	6.93	2653.19
						312.6	-51.30	-56.19	-0.04	-2.02	0.0	134.85
244	79	2595.13	22.65	-0.08	-107.78	0.0	130.97	65.53	-0.07	-2.27	22.65	-5516.08
		-5516.08	0.0	0.04	0.0	156.3	99.81	21.28	-0.07	-2.27	11.33	2031.08
						312.6	55.06	-42.25	-0.07	-2.27	0.0	439.58
244	82	6256.17	83.90	-0.13	-284.88	0.0	326.12	152.86	-0.27	-2.55	83.90	-1.164e+04
		-1.164e+04	0.0	0.05	0.0	156.3	245.65	38.62	-0.27	-2.55	41.95	5559.17
						312.6	125.46	-132.02	-0.27	-2.55	0.0	-1603.22
244	85	7586.34	105.87	-0.14	-348.57	0.0	395.78	184.25	-0.34	-2.59	105.87	-1.383e+04
		-1.383e+04	0.0	0.05	0.0	156.3	297.59	44.84	-0.34	-2.59	52.93	6829.62
						312.6	150.27	-164.32	-0.34	-2.59	0.0	-2339.49
244	86	2595.13	22.65	-0.08	-107.78	0.0	130.97	65.53	-0.07	-2.27	22.65	-5516.08
		-5516.08	0.0	0.04	0.0	156.3	99.81	21.28	-0.07	-2.27	11.33	2031.08
						312.6	55.06	-42.25	-0.07	-2.27	0.0	439.58
244	87	3469.83	37.76	-0.09	-151.40	0.0	179.23	87.05	-0.12	-2.36	37.76	-7025.37
		-7025.37	0.0	0.04	0.0	156.3	135.93	25.56	-0.12	-2.36	18.88	2899.41
						312.6	72.60	-64.35	-0.12	-2.36	0.0	-62.93
244	90	3856.28	44.13	-0.10	-169.89	0.0	199.38	96.16	-0.14	-2.36	44.13	-7662.26
		-7662.26	0.0	0.04	0.0	156.3	150.92	27.36	-0.14	-2.36	22.06	3268.65
						312.6	79.71	-73.73	-0.14	-2.36	0.0	-277.04
244	91	2595.13	22.65	-0.08	-107.78	0.0	130.97	65.53	-0.07	-2.27	22.65	-5516.08
		-5516.08	0.0	0.04	0.0	156.3	99.81	21.28	-0.07	-2.27	11.33	2031.08
						312.6	55.06	-42.25	-0.07	-2.27	0.0	439.58
244	92	3105.78	31.72	-0.09	-133.95	0.0	159.93	78.44	-0.10	-2.32	31.72	-6421.66
		-6421.66	0.0	0.04	0.0	156.3	121.48	23.85	-0.10	-2.32	15.86	2552.07
						312.6	65.58	-55.51	-0.10	-2.32	0.0	138.07
246	5	-282.96	5.62	-2.73e-03	-5.01	0.0	-72.64	7.09	0.07	1.41	-2.52	-810.83
		-810.83	-2.52	-3.13e-04	0.0	57.5	-75.15	4.59	0.07	1.41	1.55	-474.94
						115.0	-77.67	2.09	0.07	1.41	5.62	-282.96
246	11	466.03	9.69	-7.08e-03	-6.51	0.0	-361.89	40.81	0.15	-3.27	-7.00	-3852.32
		-3852.32	-7.00	-0.01	0.0	57.5	-365.16	37.56	0.15	-3.27	1.35	-1599.60
						115.0	-368.43	34.31	0.15	-3.27	9.69	466.03
246	14	479.11	7.80	-5.77e-03	-5.01	0.0	-317.15	35.97	0.12	-3.25	-5.91	-3368.91
		-3368.91	-5.91	-0.01	0.0	57.5	-319.67	33.47	0.12	-3.25	0.95	-1372.94
						115.0	-322.18	30.97	0.12	-3.25	7.80	479.11
246	15	-141.90	-4.80	-8.83e-03	-5.01	0.0	-100.84	10.95	-0.01	0.56	-4.80	-1110.71
		-1110.71	-6.44	1.11e-03	0.0	57.5	-103.36	8.44	-0.01	0.56	-5.62	-554.35
						115.0	-105.87	5.94	-0.01	0.56	-6.44	-141.90
246	20	-150.00	28.93	-8.12e-03	-5.01	0.0	-100.86	10.51	0.26	1.62	-1.21	-1068.39
		-1068.39	-1.21	-3.71e-03	0.0	57.5	-103.37	8.01	0.26	1.62	13.86	-537.24
						115.0	-105.89	5.51	0.26	1.62	28.93	-150.00
246	21	-241.74	-4.68	2.08e-03	-5.01	0.0	-100.01	10.25	-0.11	0.13	-4.68	-1135.02
		-1135.02	-17.18	8.22e-04	0.0	57.5	-102.53	7.75	-0.11	0.13	-10.93	-616.42
						115.0	-105.04	5.25	-0.11	0.13	-17.18	-241.74
246	44	-194.37	69.32	-3.92e-03	-5.01	0.0	-100.58	9.78	0.59	2.48	1.77	-1025.36
		-1025.36	1.77	-0.01	0.0	57.5	-103.10	7.28	0.59	2.48	35.54	-537.91
						115.0	-105.62	4.77	0.59	2.48	69.32	-194.37
246	45	-197.36	-7.66	-3.35e-03	-5.01	0.0	-100.28	10.98	-0.43	-0.73	-7.66	-1178.04
		-1178.04	-57.57	0.01	0.0	57.5	-102.80	8.48	-0.43	-0.73	-32.61	-615.75
						115.0	-105.32	5.98	-0.43	-0.73	-57.57	-197.36
246	47	-122.69	-5.46	-0.01	-5.01	0.0	-100.98	11.15	-0.05	0.45	-5.46	-1113.92
		-1113.92	-10.83	2.03e-03	0.0	57.5	-103.50	8.65	-0.05	0.45	-8.14	-546.35
						115.0	-106.02	6.14	-0.05	0.45	-10.83	-122.69
246	52	-133.67	37.14	-9.71e-03	-5.01	0.0	-101.01	10.56	0.33	1.89	-0.59	-1056.53
		-1056.53	-0.59	-4.51e-03	0.0	57.5	-103.52	8.05	0.33	1.89	18.27	-523.14
						115.0	-106.04	5.55	0.33	1.89	37.14	-133.67
246	53	-258.07	-5.30	3.02e-03	-5.01	0.0	-99.86	10.21	-0.18	-0.13	-5.30	-1146.88
		-1146.88	-25.39	1.59e-03	0.0	57.5	-102.38	7.70	-0.18	-0.13	-15.34	-630.52
						115.0	-104.89	5.20	-0.18	-0.13	-25.39	-258.07
246	76	-193.84	91.90	-4.02e-03	-5.01	0.0	-100.64	9.57	0.77	3.05	3.45	-998.19
		-998.19	3.45	-0.02	0.0	57.5	-103.15	7.06	0.77	3.05	47.67	-524.06
						115.0	-105.67	4.56	0.77	3.05	91.90	-193.84
246	77	-197.89	-9.34	-3.25e-03	-5.01	0.0	-100.23	11.20	-0.62	-1.30	-9.34	-1205.22
		-1205.22	-80.15	0.01	0.0	57.5	-102.75	8.69	-0.62	-1.30	-44.74	-629.60
						115.0	-105.26	6.19	-0.62	-1.30	-80.15	-197.89
246	79	-251.74	5.71	-2.95e-03	-5.01	0.0	-82.62	8.27	0.07	1.22	-2.67	-915.25
		-915.25	-2.67	-7.41e-04	0.0	57.5	-85.13	5.77	0.07	1.22	1.52	-511.54
						115.0	-87.65	3.27	0.07	1.22	5.71	-251.74
246	85	256.31	7.16	-4.97e-03	-5.01	0.0	-245.63	27.53	0.11	-1.89	-4.93	-2620.63
		-2620.63	-4.93	-8.65e-03	0.0	57.5	-248.14	25.02	0.11	-1.89	1.12	-1110.21

246	86	-251.74	5.71	-2.95e-03	-5.01	115.0	-250.66	22.52	0.11	-1.89	7.16	256.31
		-915.25	-2.67	-7.41e-04	0.0	0.0	-82.62	8.27	0.07	1.22	-2.67	-915.25
						57.5	-85.13	5.77	0.07	1.22	1.52	-511.54
246	90	-120.33	6.09	-3.72e-03	-5.01	115.0	-87.65	3.27	0.07	1.22	5.71	-251.74
		-1355.77	-3.27	-2.71e-03	0.0	0.0	-124.72	13.25	0.08	0.42	-3.27	-1355.77
						57.5	-127.24	10.75	0.08	0.42	1.41	-666.09
246	91	-251.74	5.71	-2.95e-03	-5.01	115.0	-129.75	8.24	0.08	0.42	6.09	-120.33
		-915.25	-2.67	-7.41e-04	0.0	0.0	-82.62	8.27	0.07	1.22	-2.67	-915.25
						57.5	-85.13	5.77	0.07	1.22	1.52	-511.54
246	92	-195.87	5.88	-3.64e-03	-5.01	115.0	-87.65	3.27	0.07	1.22	5.71	-251.74
		-1101.70	-2.94	-1.46e-03	0.0	0.0	-100.43	10.38	0.08	0.88	-2.94	-1101.70
						57.5	-102.95	7.88	0.08	0.88	1.47	-576.83
247	3	24.50	7.01	-0.02	-6.51	115.0	-105.47	5.38	0.08	0.88	5.88	-195.87
		-2302.62	-8.83	0.02	0.0	0.0	-213.69	-16.99	-0.14	-8.48	7.01	24.50
						57.5	-210.42	-20.24	-0.14	-8.48	-0.91	-1045.52
247	5	-272.12	5.39	-0.01	-5.01	115.0	-207.15	-23.50	-0.14	-8.48	-8.83	-2302.62
		-825.22	-3.61	0.01	0.0	0.0	-77.86	-2.31	-0.08	-3.02	5.39	-272.12
						57.5	-75.35	-4.81	-0.08	-3.02	0.89	-476.71
247	11	545.08	6.99	-0.02	-6.51	115.0	-72.83	-7.31	-0.08	-3.02	-3.61	-825.22
		-4009.03	-14.82	0.01	0.0	0.0	-369.71	-36.36	-0.19	-14.79	6.99	545.08
						57.5	-366.44	-39.61	-0.19	-14.79	-3.92	-1638.43
247	14	549.34	5.37	-0.01	-5.01	115.0	-363.17	-42.87	-0.19	-14.79	-14.82	-4009.03
		-3509.50	-12.88	7.88e-03	0.0	0.0	-323.31	-32.80	-0.16	-12.96	5.37	549.34
						57.5	-320.80	-35.30	-0.16	-12.96	-3.76	-1408.12
247	19	-224.75	-7.49	-0.02	-5.01	115.0	-318.28	-37.81	-0.16	-12.96	-12.88	-3509.50
		-1119.04	-8.81	0.01	0.0	0.0	-105.06	-5.25	3.28e-03	-5.37	-7.49	-224.75
						57.5	-102.54	-7.75	3.28e-03	-5.37	-8.15	-599.94
247	22	-131.85	18.28	-6.24e-03	-5.01	115.0	-100.03	-10.26	3.28e-03	-5.37	-8.81	-1119.04
		-1141.65	-0.47	0.01	0.0	0.0	-106.47	-6.30	-0.18	-2.93	18.28	-131.85
						57.5	-103.96	-8.81	-0.18	-2.93	8.91	-564.79
247	30	-125.74	13.77	-5.75e-03	-5.01	115.0	-101.44	-11.31	-0.18	-2.93	-0.47	-1141.65
		-1139.56	-0.02	0.02	0.0	0.0	-106.45	-6.51	-0.16	-4.11	13.77	-125.74
						57.5	-103.93	-9.01	-0.16	-4.11	6.88	-560.69
247	36	-173.74	67.95	-0.01	-5.01	115.0	-101.41	-11.51	-0.16	-4.11	-0.02	-1139.56
		-1206.17	-0.52	0.02	0.0	0.0	-105.62	-6.42	-0.59	-5.23	67.95	-173.74
						57.5	-103.11	-8.92	-0.59	-5.23	33.71	-618.00
247	37	-182.86	-8.75	-0.01	-5.01	115.0	-100.59	-11.42	-0.59	-5.23	-0.52	-1206.17
		-1054.52	-57.17	6.44e-03	0.0	0.0	-105.90	-5.14	0.41	-3.08	-57.17	-182.86
						57.5	-103.39	-7.64	0.41	-3.08	-32.96	-546.73
247	44	-170.44	66.21	-0.01	-5.01	115.0	-100.87	-10.14	0.41	-3.08	-8.75	-1054.52
		-1211.87	2.81	0.01	0.0	0.0	-105.63	-6.50	-0.54	-6.49	66.21	-170.44
						57.5	-103.11	-9.00	-0.54	-6.49	34.51	-619.20
247	51	-241.29	-10.30	-0.02	-5.01	115.0	-100.59	-11.50	-0.54	-6.49	2.81	-1211.87
		-1115.01	-12.08	0.01	0.0	0.0	-104.81	-5.06	0.04	-5.80	-12.08	-241.29
						57.5	-102.29	-7.57	0.04	-5.80	-11.19	-606.19
247	54	-115.32	22.86	-4.39e-03	-5.01	115.0	-99.77	-10.07	0.04	-5.80	-10.30	-1115.01
		-1145.67	1.02	0.01	0.0	0.0	-106.72	-6.49	-0.21	-2.50	22.86	-115.32
						57.5	-104.21	-9.00	-0.21	-2.50	11.94	-558.54
247	62	-107.03	16.75	-3.71e-03	-5.01	115.0	-101.69	-11.50	-0.21	-2.50	1.02	-1145.67
		-1142.84	1.63	0.02	0.0	0.0	-106.69	-6.77	-0.18	-4.09	16.75	-107.03
						57.5	-104.17	-9.27	-0.18	-4.09	9.19	-552.98
247	68	-172.12	90.22	-0.01	-5.01	115.0	-101.66	-11.78	-0.18	-4.09	1.63	-1142.84
		-1233.16	0.94	0.02	0.0	0.0	-105.57	-6.64	-0.76	-5.61	90.22	-172.12
						57.5	-103.06	-9.15	-0.76	-5.61	45.58	-630.69
247	69	-184.48	-10.22	-0.01	-5.01	115.0	-100.54	-11.65	-0.76	-5.61	0.94	-1233.16
		-1027.52	-79.44	3.98e-03	0.0	0.0	-105.95	-4.91	0.59	-2.69	-79.44	-184.48
						57.5	-103.44	-7.41	0.59	-2.69	-44.83	-534.05
247	76	-167.63	87.87	-0.01	-5.01	115.0	-100.92	-9.92	0.59	-2.69	-10.22	-1027.52
		-1240.89	5.46	0.01	0.0	0.0	-105.58	-6.75	-0.70	-7.32	87.87	-167.63
						57.5	-103.06	-9.25	-0.70	-7.32	46.66	-632.31
247	79	-238.48	5.39	-0.01	-5.01	115.0	-100.54	-11.76	-0.70	-7.32	5.46	-1240.89
		-934.77	-3.98	0.01	0.0	0.0	-87.88	-3.55	-0.08	-3.43	5.39	-238.48
						57.5	-85.36	-6.06	-0.08	-3.43	0.70	-514.67
247	81	-37.89	5.39	-0.01	-5.01	115.0	-82.85	-8.56	-0.08	-3.43	-3.98	-934.77
		-1586.68	-6.17	0.01	0.0	0.0	-147.50	-10.97	-0.10	-5.84	5.39	-37.89
						57.5	-144.98	-13.47	-0.10	-5.84	-0.39	-740.33
247	85	309.16	5.38	-0.01	-5.01	115.0	-142.47	-15.97	-0.10	-5.84	-6.17	-1586.68
		-2724.29	-10.17	9.63e-03	0.0	0.0	-251.51	-23.88	-0.14	-10.05	5.38	309.16
						57.5	-249.00	-26.38	-0.14	-10.05	-2.39	-1135.61
247	86	-238.48	5.39	-0.01	-5.01	115.0	-246.48	-28.89	-0.14	-10.05	-10.17	-2724.29
		-934.77	-3.98	0.01	0.0	0.0	-87.88	-3.55	-0.08	-3.43	5.39	-238.48
						57.5	-85.36	-6.06	-0.08	-3.43	0.70	-514.67
247	87	-138.18	5.39	-0.01	-5.01	115.0	-82.85	-8.56	-0.08	-3.43	-3.98	-934.77
		-1260.72	-5.08	0.01	0.0	0.0	-117.69	-7.26	-0.09	-4.63	5.39	-138.18
						57.5	-115.17	-9.76	-0.09	-4.63	0.16	-627.50
247	90	-96.86	5.39	-0.01	-5.01	115.0	-112.66	-12.27	-0.09	-4.63	-5.08	-1260.72
						0.0	-130.14	-8.80	-0.10	-5.14	5.39	-96.86

		-1396.98	-5.57	0.01	0.0	57.5	-127.63	-11.31	-0.10	-5.14	-0.09	-674.96
						115.0	-125.11	-13.81	-0.10	-5.14	-5.57	-1396.98
247	91	-238.48	5.39	-0.01	-5.01	0.0	-87.88	-3.55	-0.08	-3.43	5.39	-238.48
		-934.77	-3.98	0.01	0.0	57.5	-85.36	-6.06	-0.08	-3.43	0.70	-514.67
						115.0	-82.85	-8.56	-0.08	-3.43	-3.98	-934.77
247	92	-178.30	5.39	-0.01	-5.01	0.0	-105.76	-5.78	-0.09	-4.15	5.39	-178.30
		-1130.34	-4.64	0.01	0.0	57.5	-103.25	-8.28	-0.09	-4.15	0.38	-582.37
						115.0	-100.73	-10.78	-0.09	-4.15	-4.64	-1130.34
248	5	-120.09	-3.33	-3.88e-03	-19.91	0.0	699.68	24.57	-0.06	-1.75	-3.33	-1333.34
		-1333.34	-9.10	9.82e-03	0.0	50.0	709.55	10.89	-0.06	-1.75	-6.22	-477.56
						100.0	714.04	4.65	-0.06	-1.75	-9.10	-120.09
248	11	-512.54	-97.42	-3.75e-03	-101.58	0.0	1066.40	108.41	-0.60	-4.82	-97.42	-4695.09
		-4695.09	-157.87	3.66e-03	0.0	50.0	1120.16	33.89	-0.60	-4.82	-127.65	-1332.47
						100.0	1139.68	6.84	-0.60	-4.82	-157.87	-512.54
248	20	-284.24	86.16	-7.48e-03	-27.78	0.0	575.27	29.55	0.93	-1.31	-53.66	-1470.57
		-1470.57	-53.66	6.54e-03	0.0	50.0	589.40	9.98	0.93	-1.31	16.25	-529.75
						100.0	595.31	1.77	0.93	-1.31	86.16	-284.24
248	21	-30.23	27.69	-9.42e-04	-27.78	0.0	855.51	35.47	-1.16	-2.71	27.69	-1810.84
		-1810.84	-134.71	0.01	0.0	50.0	869.64	15.89	-1.16	-2.71	-53.51	-572.88
						100.0	875.56	7.68	-1.16	-2.71	-134.71	-30.23
248	30	66.93	12.27	9.35e-04	-27.78	0.0	830.48	35.92	0.34	-0.72	-116.12	-1757.45
		-1757.45	-116.12	0.01	0.0	50.0	844.60	16.34	0.34	-0.72	-51.93	-497.61
						100.0	850.52	8.14	0.34	-0.72	12.27	66.93
248	44	-88.08	280.89	-4.18e-03	-27.78	0.0	653.81	32.22	4.94	-0.86	-184.57	-1538.11
		-1538.11	-184.57	-1.31e-03	0.0	50.0	667.93	12.64	4.94	-0.86	48.16	-465.45
						100.0	673.85	4.44	4.94	-0.86	280.89	-88.08
248	45	-226.39	158.60	-4.24e-03	-27.78	0.0	776.98	32.80	-5.16	-3.16	158.60	-1743.30
		-1743.30	-329.44	0.02	0.0	50.0	791.10	13.22	-5.16	-3.16	-85.42	-637.19
						100.0	797.02	5.02	-5.16	-3.16	-329.44	-226.39
248	52	-329.45	125.48	-8.65e-03	-27.78	0.0	525.39	28.50	1.30	-1.06	-68.14	-1410.00
		-1410.00	-68.14	5.63e-03	0.0	50.0	539.51	8.93	1.30	-1.06	28.67	-522.07
						100.0	545.43	0.72	1.30	-1.06	125.48	-329.45
248	53	14.98	42.17	1.09e-03	-27.78	0.0	905.40	36.52	-1.53	-2.96	42.17	-1871.41
		-1871.41	-174.03	0.01	0.0	50.0	919.52	16.94	-1.53	-2.96	-65.93	-580.56
						100.0	925.44	8.74	-1.53	-2.96	-174.03	14.98
248	62	146.73	25.28	1.87e-03	-27.78	0.0	871.45	37.13	0.51	-0.27	-152.84	-1799.01
		-1799.01	-152.84	0.01	0.0	50.0	885.57	17.56	0.51	-0.27	-63.78	-478.49
						100.0	891.49	9.35	0.51	-0.27	25.28	146.73
248	76	-63.47	389.53	-4.17e-03	-27.78	0.0	631.88	32.12	6.73	-0.45	-245.65	-1501.59
		-1501.59	-245.65	-4.30e-03	0.0	50.0	646.01	12.54	6.73	-0.45	71.94	-434.88
						100.0	651.93	4.34	6.73	-0.45	389.53	-63.47
248	77	-251.00	219.69	-4.25e-03	-27.78	0.0	798.90	32.90	-6.96	-3.57	219.69	-1779.82
		-1779.82	-438.08	0.02	0.0	50.0	813.03	13.33	-6.96	-3.57	-109.20	-667.76
						100.0	818.95	5.12	-6.96	-3.57	-438.08	-251.00
248	79	-133.40	-6.80	-3.90e-03	-22.74	0.0	705.38	27.42	-0.08	-1.84	-6.80	-1443.73
		-1443.73	-14.54	9.50e-03	0.0	50.0	716.78	11.62	-0.08	-1.84	-10.67	-504.05
						100.0	721.78	4.68	-0.08	-1.84	-14.54	-133.40
248	85	-350.60	-63.54	-3.00e-03	-68.87	0.0	801.18	74.03	-0.40	-3.40	-63.54	-3248.97
		-3248.97	-103.56	3.43e-03	0.0	50.0	837.52	23.66	-0.40	-3.40	-83.55	-937.86
						100.0	850.87	5.16	-0.40	-3.40	-103.56	-350.60
248	86	-133.40	-6.80	-3.90e-03	-22.74	0.0	705.38	27.42	-0.08	-1.84	-6.80	-1443.73
		-1443.73	-14.54	9.50e-03	0.0	50.0	716.78	11.62	-0.08	-1.84	-10.67	-504.05
						100.0	721.78	4.68	-0.08	-1.84	-14.54	-133.40
248	90	-189.55	-21.45	-3.89e-03	-34.65	0.0	729.88	39.46	-0.16	-2.24	-21.45	-1909.83
		-1909.83	-37.54	7.95e-03	0.0	50.0	747.72	14.73	-0.16	-2.24	-29.49	-616.02
						100.0	754.88	4.80	-0.16	-2.24	-37.54	-189.55
248	91	-133.40	-6.80	-3.90e-03	-22.74	0.0	705.38	27.42	-0.08	-1.84	-6.80	-1443.73
		-1443.73	-14.54	9.50e-03	0.0	50.0	716.78	11.62	-0.08	-1.84	-10.67	-504.05
						100.0	721.78	4.68	-0.08	-1.84	-14.54	-133.40
248	92	-157.23	-12.98	-4.21e-03	-27.78	0.0	715.39	32.51	-0.11	-2.01	-12.98	-1640.71
		-1640.71	-24.28	9.07e-03	0.0	50.0	729.52	12.93	-0.11	-2.01	-18.63	-551.32
						100.0	735.44	4.73	-0.11	-2.01	-24.28	-157.23
249	5	1024.23	15.57	-0.04	-74.80	0.0	670.96	46.97	-0.08	-1.18	15.57	-2147.95
		-2147.95	0.0	0.01	0.0	103.8	644.82	10.73	-0.08	-1.18	7.79	867.68
						207.7	617.00	-27.83	-0.08	-1.18	0.0	0.0
249	11	7121.18	96.82	-0.08	-424.31	0.0	952.40	249.14	-0.47	1.07	96.82	-8704.57
		-8704.57	0.0	0.03	0.0	103.8	804.68	44.39	-0.47	1.07	48.41	6661.44
						207.7	646.29	-175.17	-0.47	1.07	0.0	0.0
249	14	6316.84	85.58	-0.07	-373.80	0.0	744.57	218.91	-0.41	1.19	85.58	-7553.11
		-7553.11	0.0	0.02	0.0	103.8	614.46	38.56	-0.41	1.19	42.79	5926.01
						207.7	474.90	-154.89	-0.41	1.19	0.0	0.0
249	16	1554.19	0.65	-0.05	-108.80	0.0	796.24	67.45	-3.12e-03	-1.43	0.65	-2954.33
		-2954.33	0.0	1.68e-03	0.0	103.8	758.27	14.82	-3.12e-03	-1.43	0.32	1347.04
						207.7	717.74	-41.36	-3.12e-03	-1.43	0.0	0.0
249	17	1698.54	46.41	-0.03	-108.80	0.0	561.21	65.59	-0.22	-0.34	46.41	-2569.41
		-2569.41	0.0	0.03	0.0	103.8	523.25	12.96	-0.22	-0.34	23.20	1539.49
						207.7	482.72	-43.21	-0.22	-0.34	0.0	0.0

249	20	1553.35 -2956.58	14.32 0.0	-0.05 1.22e-03	-108.80 0.0	0.0 103.8 207.7	795.66 757.69 717.17	67.46 14.83 -41.35	-0.07 -0.07 -0.07	-0.96 -0.96 -0.96	14.32 7.16 0.0	-2956.58 1345.91 0.0
249	21	1699.38 -2567.16	32.73 0.0	-0.03 0.03	-108.80 0.0	0.0 103.8 207.7	561.79 523.82 483.29	65.58 12.95 -43.22	-0.16 -0.16 -0.16	-0.80 -0.80 -0.80	32.73 16.37 0.0	-2567.16 1540.62 0.0
249	31	1657.34 -2679.28	218.71 0.0	-0.04 0.05	-108.80 0.0	0.0 103.8 207.7	696.83 658.86 618.34	66.12 13.49 -42.68	-1.05 -1.05 -1.05	-4.32 -4.32 -4.32	218.71 109.35 0.0	-2679.28 1484.56 0.0
249	34	1595.39 -2844.47	0.0 -171.65	-0.04 -0.02	-108.80 0.0	0.0 103.8 207.7	660.62 622.65 582.12	66.92 14.29 -41.89	0.83 0.83 0.83	2.55 2.55 2.55	-171.65 -85.83 0.0	-2844.47 1401.97 0.0
249	48	1528.50 -3022.84	0.0 -7.50	-0.06 -2.87e-03	-108.80 0.0	0.0 103.8 207.7	838.07 800.10 759.57	67.78 15.15 -41.03	0.04 0.04 0.04	-1.62 -1.62 -1.62	-7.50 -3.75 0.0	-3022.84 1312.78 0.0
249	49	1724.23 -2500.90	54.55 0.0	-0.03 0.03	-108.80 0.0	0.0 103.8 207.7	519.38 481.41 440.88	65.26 12.63 -43.54	-0.26 -0.26 -0.26	-0.14 -0.14 -0.14	54.55 27.28 0.0	-2500.90 1573.75 0.0
249	52	1527.36 -3025.90	11.04 0.0	-0.06 -3.50e-03	-108.80 0.0	0.0 103.8 207.7	837.29 799.32 758.80	67.79 15.16 -41.01	-0.05 -0.05 -0.05	-0.99 -0.99 -0.99	11.04 5.52 0.0	-3025.90 1311.25 0.0
249	53	1725.38 -2497.85	36.01 0.0	-0.03 0.03	-108.80 0.0	0.0 103.8 207.7	520.16 482.19 441.66	65.25 12.62 -43.56	-0.17 -0.17 -0.17	-0.77 -0.77 -0.77	36.01 18.01 0.0	-2497.85 1575.28 0.0
249	63	1668.37 -2649.87	288.19 0.0	-0.04 0.06	-108.80 0.0	0.0 103.8 207.7	703.28 665.31 624.78	65.98 13.35 -42.82	-1.39 -1.39 -1.39	-5.54 -5.54 -5.54	288.19 144.10 0.0	-2649.87 1499.27 0.0
249	66	1584.37 -2873.87	0.0 -241.14	-0.04 -0.03	-108.80 0.0	0.0 103.8 207.7	654.17 616.20 575.68	67.06 14.43 -41.74	1.16 1.16 1.16	3.78 3.78 3.78	-241.14 -120.57 0.0	-2873.87 1387.27 0.0
249	79	1240.35 -2368.42	18.43 0.0	-0.04 0.01	-87.01 0.0	0.0 103.8 207.7	673.81 643.42 611.04	53.99 11.87 -33.02	-0.09 -0.09 -0.09	-1.08 -1.08 -1.08	18.43 9.21 0.0	-2368.42 1074.26 0.0
249	85	4768.76 -5971.86	65.10 0.0	-0.06 0.02	-286.34 0.0	0.0 103.8 207.7	722.88 623.18 516.30	168.61 30.42 -117.72	-0.31 -0.31 -0.31	0.50 0.50 0.50	65.10 32.55 0.0	-5971.86 4446.48 0.0
249	86	1240.35 -2368.42	18.43 0.0	-0.04 0.01	-87.01 0.0	0.0 103.8 207.7	673.81 643.42 611.04	53.99 11.87 -33.02	-0.09 -0.09 -0.09	-1.08 -1.08 -1.08	18.43 9.21 0.0	-2368.42 1074.26 0.0
249	90	2151.91 -3298.95	30.48 0.0	-0.04 0.02	-138.50 0.0	0.0 103.8 207.7	686.25 637.95 586.33	83.60 16.66 -54.90	-0.15 -0.15 -0.15	-0.66 -0.66 -0.66	30.48 15.24 0.0	-3298.95 1945.51 0.0
249	91	1240.35 -2368.42	18.43 0.0	-0.04 0.01	-87.01 0.0	0.0 103.8 207.7	673.81 643.42 611.04	53.99 11.87 -33.02	-0.09 -0.09 -0.09	-1.08 -1.08 -1.08	18.43 9.21 0.0	-2368.42 1074.26 0.0
249	92	1626.37 -2761.87	23.53 0.0	-0.04 0.01	-108.80 0.0	0.0 103.8 207.7	678.73 640.76 600.23	66.52 13.89 -42.28	-0.11 -0.11 -0.11	-0.88 -0.88 -0.88	23.53 11.76 0.0	-2761.87 1443.27 0.0
250	5	923.32 0.0	0.0 -25.69	0.03 -0.01	-35.20 0.0	0.0 60.5 120.9	-117.74 -127.75 -141.42	10.00 -4.88 -25.20	0.21 0.21 0.21	20.49 20.49 20.49	-25.69 -12.84 0.0	699.72 881.96 0.0
250	11	7472.40 0.0	0.0 -54.53	0.19 -0.08	-193.83 0.0	0.0 60.5 120.9	-396.51 -449.99 -526.92	26.07 -53.43 -167.76	0.45 0.45 0.45	-54.09 -54.09 -54.09	-54.53 -27.26 0.0	7163.63 6512.18 0.0
250	12	5196.85 0.0	0.0 -39.59	0.14 -0.05	-136.29 0.0	0.0 60.5 120.9	-283.94 -321.58 -375.63	18.95 -37.00 -117.34	0.33 0.33 0.33	-34.67 -34.67 -34.67	-39.59 -19.80 0.0	4966.12 4543.42 0.0
250	24	1356.90 0.0	0.0 -62.73	0.04 -0.03	-50.51 0.0	0.0 60.5 120.9	-144.22 -158.42 -178.21	13.74 -7.36 -36.76	0.52 0.52 0.52	16.25 16.25 16.25	-62.73 -31.36 0.0	1057.12 1292.11 0.0
250	25	1769.41 0.0	6.65 0.0	0.05 -3.53e-03	-50.51 0.0	0.0 60.5 120.9	-141.60 -155.79 -175.58	8.94 -12.16 -41.56	-0.05 -0.05 -0.05	8.06 8.06 8.06	6.65 3.33 0.0	1637.55 1582.32 0.0
250	29	1771.91 0.0	5.16 0.0	0.05 -3.14e-03	-50.51 0.0	0.0 60.5 120.9	-141.10 -155.29 -175.08	8.92 -12.18 -41.59	-0.04 -0.04 -0.04	8.04 8.04 8.04	5.16 2.58 0.0	1640.87 1583.99 0.0
250	35	1584.92 0.0	0.0 -29.87	0.03 -0.02	-50.51 0.0	0.0 60.5 120.9	-146.18 -160.37 -180.16	10.99 -10.11 -39.52	0.25 0.25 0.25	11.02 11.02 11.02	-29.87 -14.94 0.0	1390.16 1458.63 0.0
250	38	1526.03 0.0	0.0 -26.20	0.07 -0.01	-50.51 0.0	0.0 60.5 120.9	-139.64 -153.84 -173.62	11.70 -9.40 -38.81	0.22 0.22 0.22	13.30 13.30 13.30	-26.20 -13.10 0.0	1304.50 1415.80 0.0
250	45	1706.71 0.0	0.0 -15.46	0.03 -0.01	-50.51 0.0	0.0 60.5 120.9	-143.25 -157.44 -177.23	9.63 -11.46 -40.87	0.13 0.13 0.13	8.88 8.88 8.88	-15.46 -7.73 0.0	1553.94 1540.52 0.0
250	56	1292.33 0.0	0.0 -75.08	0.04 -0.04	-50.51 0.0	0.0 60.5	-144.69 -158.89	14.60 -6.50	0.62 0.62	17.71 17.71	-75.08 -37.54	953.80 1240.45

						120.9	-178.67	-35.91	0.62	17.71	0.0	0.0
250	57	1847.84	19.00	0.05	-50.51	0.0	-141.13	8.09	-0.16	6.61	19.00	1740.86
		0.0	0.0	1.40e-03	0.0	60.5	-155.32	-13.01	-0.16	6.61	9.50	1633.98
						120.9	-175.11	-42.42	-0.16	6.61	0.0	0.0
250	61	1851.51	16.97	0.05	-50.51	0.0	-140.45	8.05	-0.14	6.58	16.97	1745.38
		0.0	0.0	1.93e-03	0.0	60.5	-154.65	-13.05	-0.14	6.58	8.49	1636.24
						120.9	-174.43	-42.45	-0.14	6.58	0.0	0.0
250	67	1595.40	0.0	0.02	-50.51	0.0	-147.34	10.86	0.25	10.61	-30.53	1405.41
		0.0	-30.53	-0.02	0.0	60.5	-161.54	-10.24	0.25	10.61	-15.26	1466.25
						120.9	-181.32	-39.64	0.25	10.61	0.0	0.0
250	70	1515.55	0.0	0.07	-50.51	0.0	-138.48	11.82	0.21	13.70	-25.55	1289.26
		0.0	-25.55	-0.01	0.0	60.5	-152.67	-9.28	0.21	13.70	-12.77	1408.18
						120.9	-172.46	-38.68	0.21	13.70	0.0	0.0
250	77	1761.87	0.0	0.02	-50.51	0.0	-143.37	9.03	0.09	7.72	-10.98	1627.49
		0.0	-10.98	-7.99e-03	0.0	60.5	-157.56	-12.07	0.09	7.72	-5.49	1577.30
						120.9	-177.35	-41.48	0.09	7.72	0.0	0.0
250	79	1148.59	0.0	0.04	-40.69	0.0	-126.78	10.48	0.22	17.49	-26.52	932.26
		0.0	-26.52	-0.01	0.0	60.5	-138.30	-6.63	0.22	17.49	-13.26	1081.32
						120.9	-154.16	-30.21	0.22	17.49	0.0	0.0
250	83	3990.81	0.0	0.11	-108.09	0.0	-237.58	16.45	0.30	-19.27	-35.79	3776.53
		0.0	-35.79	-0.04	0.0	60.5	-267.52	-28.04	0.30	-19.27	-17.89	3522.29
						120.9	-310.30	-91.64	0.30	-19.27	0.0	0.0
250	85	4972.19	0.0	0.13	-130.98	0.0	-275.21	18.46	0.33	-31.73	-39.33	4745.02
		0.0	-39.33	-0.05	0.0	60.5	-311.40	-35.33	0.33	-31.73	-19.67	4352.73
						120.9	-363.34	-112.53	0.33	-31.73	0.0	0.0
250	86	1148.59	0.0	0.04	-40.69	0.0	-126.78	10.48	0.22	17.49	-26.52	932.26
		0.0	-26.52	-0.01	0.0	60.5	-138.30	-6.63	0.22	17.49	-13.26	1081.32
						120.9	-154.16	-30.21	0.22	17.49	0.0	0.0
250	88	1706.58	0.0	0.05	-54.17	0.0	-148.94	11.67	0.23	10.14	-28.37	1501.12
		0.0	-28.37	-0.02	0.0	60.5	-164.14	-10.91	0.23	10.14	-14.19	1569.51
						120.9	-185.39	-42.50	0.23	10.14	0.0	0.0
250	90	2121.67	0.0	0.06	-63.98	0.0	-165.07	12.54	0.25	4.80	-29.89	1916.18
		0.0	-29.89	-0.02	0.0	60.5	-182.95	-14.04	0.25	4.80	-14.95	1925.41
						120.9	-208.12	-51.45	0.25	4.80	0.0	0.0
250	91	1148.59	0.0	0.04	-40.69	0.0	-126.78	10.48	0.22	17.49	-26.52	932.26
		0.0	-26.52	-0.01	0.0	60.5	-138.30	-6.63	0.22	17.49	-13.26	1081.32
						120.9	-154.16	-30.21	0.22	17.49	0.0	0.0
250	92	1555.48	0.0	0.05	-50.51	0.0	-142.91	11.34	0.23	12.16	-28.04	1347.33
		0.0	-28.04	-0.02	0.0	60.5	-157.11	-9.76	0.23	12.16	-14.02	1437.22
						120.9	-176.89	-39.16	0.23	12.16	0.0	0.0
251	5	950.99	0.0	-0.05	-27.84	0.0	-179.06	22.98	-0.10	-23.23	0.0	0.0
		0.0	-11.02	0.03	0.0	57.7	-167.53	6.99	-0.10	-23.23	-5.51	844.75
						115.4	-158.98	-4.86	-0.10	-23.23	-11.02	886.28
251	11	8711.23	39.69	-0.22	-148.22	0.0	-652.46	158.39	0.34	37.86	0.0	0.0
		0.0	0.0	0.11	0.0	57.7	-589.49	71.09	0.34	37.86	19.85	6493.79
						115.4	-545.55	10.17	0.34	37.86	39.69	8711.23
251	14	7798.87	38.45	-0.19	-130.25	0.0	-562.93	140.49	0.33	39.00	0.0	0.0
		0.0	0.0	0.09	0.0	57.7	-507.53	63.69	0.33	39.00	19.22	5778.42
						115.4	-468.97	10.23	0.33	39.00	38.45	7798.87
251	25	2008.04	7.91	-0.06	-39.49	0.0	-234.33	39.25	0.07	-10.03	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-217.81	16.35	0.07	-10.03	3.96	1573.63
						115.4	-205.85	-0.24	0.07	-10.03	7.91	2008.04
251	27	1476.55	0.0	-0.07	-39.49	0.0	-207.49	34.14	-0.07	-21.12	0.0	0.0
		0.0	-7.57	0.04	0.0	57.7	-190.96	11.24	-0.07	-21.12	-3.79	1278.90
						115.4	-179.00	-5.34	-0.07	-21.12	-7.57	1418.59
251	29	2012.15	8.87	-0.06	-39.49	0.0	-233.09	39.29	0.08	-10.03	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-216.57	16.38	0.08	-10.03	4.44	1575.68
						115.4	-204.60	-0.20	0.08	-10.03	8.87	2012.15
251	30	1920.57	0.0	-0.06	-39.49	0.0	-237.25	38.48	-0.03	-11.21	0.0	0.0
		0.0	-3.57	0.04	0.0	57.7	-220.73	15.58	-0.03	-11.21	-1.78	1529.36
						115.4	-208.77	-1.00	-0.03	-11.21	-3.57	1919.51
251	40	1487.85	0.0	-0.06	-39.49	0.0	-225.75	34.26	-0.26	-19.74	0.0	0.0
		0.0	-30.25	0.06	0.0	57.7	-209.23	11.36	-0.26	-19.74	-15.12	1285.85
						115.4	-197.27	-5.22	-0.26	-19.74	-30.25	1432.49
251	41	1907.54	19.11	-0.06	-39.49	0.0	-218.98	38.36	0.17	-12.60	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-202.46	15.46	0.17	-12.60	9.55	1522.41
						115.4	-190.50	-1.12	0.17	-12.60	19.11	1905.60
251	57	2128.73	12.71	-0.06	-39.49	0.0	-238.59	40.30	0.11	-7.85	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-222.06	17.39	0.11	-7.85	6.36	1633.97
						115.4	-210.10	0.81	0.11	-7.85	12.71	2128.73
251	59	1404.11	0.0	-0.07	-39.49	0.0	-202.19	33.37	-0.07	-22.88	0.0	0.0
		0.0	-8.28	0.04	0.0	57.7	-185.67	10.47	-0.07	-22.88	-4.14	1234.32
						115.4	-173.70	-6.12	-0.07	-22.88	-8.28	1329.42
251	61	2134.29	14.01	-0.06	-39.49	0.0	-236.90	40.34	0.12	-7.85	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-220.38	17.44	0.12	-7.85	7.01	1636.75
						115.4	-208.42	0.86	0.12	-7.85	14.01	2134.29
251	62	2008.67	0.0	-0.06	-39.49	0.0	-242.55	39.26	-0.02	-9.45	0.0	0.0

			0.0	-2.86	0.04	0.0	57.7	-226.03	16.35	-0.02	-9.45	-1.43	1573.94
							115.4	-214.07	-0.23	-0.02	-9.45	-2.86	2008.67
251	72	1419.43	0.0	-0.07	-39.49	0.0	57.7	-226.96	33.53	-0.34	-21.01	0.0	0.0
		0.0	-39.03	0.06	0.0	57.7	-210.44	10.63	-0.34	-21.01	-19.52	1243.75	
						115.4	-198.48	-5.95	-0.34	-21.01	-39.03	1348.28	
251	73	1989.81	27.89	-0.06	-39.49	0.0	57.7	-217.78	39.09	0.24	-11.33	0.0	0.0
		0.0	0.0	0.02	0.0	57.7	-201.26	16.19	0.24	-11.33	13.94	1564.52	
						115.4	-189.30	-0.39	0.24	-11.33	27.89	1989.81	
251	79	1211.93	0.0	-0.05	-32.02	0.0	57.7	-194.63	27.77	-0.08	-20.69	0.0	0.0
		0.0	-9.04	0.04	0.0	57.7	-181.31	9.30	-0.08	-20.69	-4.52	1045.59	
						115.4	-171.54	-4.25	-0.08	-20.69	-9.04	1167.36	
251	85	5775.75	23.94	-0.15	-100.29	0.0	57.7	-450.54	106.10	0.21	20.79	0.0	0.0
		0.0	0.0	0.08	0.0	57.7	-407.98	47.09	0.21	20.79	11.97	4334.71	
						115.4	-378.20	5.81	0.21	20.79	23.94	5775.75	
251	86	1211.93	0.0	-0.05	-32.02	0.0	57.7	-194.63	27.77	-0.08	-20.69	0.0	0.0
		0.0	-9.04	0.04	0.0	57.7	-181.31	9.30	-0.08	-20.69	-4.52	1045.59	
						115.4	-171.54	-4.25	-0.08	-20.69	-9.04	1167.36	
251	88	1868.16	0.0	-0.07	-42.19	0.0	57.7	-232.87	39.44	-0.04	-14.51	0.0	0.0
		0.0	-4.06	0.04	0.0	57.7	-215.19	14.94	-0.04	-14.51	-2.03	1536.10	
						115.4	-202.44	-2.75	-0.04	-14.51	-4.06	1854.91	
251	90	2360.98	0.0	-0.08	-49.66	0.0	57.7	-260.61	47.99	-5.15e-03	-9.98	0.0	0.0
		0.0	-0.59	0.05	0.0	57.7	-239.73	19.05	-5.15e-03	-9.98	-0.30	1894.64	
						115.4	-224.79	-1.66	-5.15e-03	-9.98	-0.59	2356.60	
251	91	1211.93	0.0	-0.05	-32.02	0.0	57.7	-194.63	27.77	-0.08	-20.69	0.0	0.0
		0.0	-9.04	0.04	0.0	57.7	-181.31	9.30	-0.08	-20.69	-4.52	1045.59	
						115.4	-171.54	-4.25	-0.08	-20.69	-9.04	1167.36	
251	92	1689.67	0.0	-0.06	-39.49	0.0	57.7	-222.37	36.31	-0.05	-16.17	0.0	0.0
		0.0	-5.57	0.04	0.0	57.7	-205.85	13.41	-0.05	-16.17	-2.79	1404.13	
						115.4	-193.89	-3.17	-0.05	-16.17	-5.57	1669.05	
252	1	1920.84	0.0	0.05	-53.19	0.0	58.3	-197.91	8.13	0.07	15.82	-8.60	1821.32
		0.0	-8.60	-0.03	0.0	58.3	-213.75	-14.19	0.07	15.82	-4.30	1686.29	
						116.7	-235.66	-45.05	0.07	15.82	0.0	0.0	
252	5	1019.71	0.0	0.03	-32.12	0.0	58.3	-134.24	6.57	0.06	17.48	-6.84	915.21
		0.0	-6.84	-0.02	0.0	58.3	-143.88	-7.02	0.06	17.48	-3.42	925.94	
						116.7	-157.03	-25.54	0.06	17.48	0.0	0.0	
252	7	3391.18	0.0	0.08	-76.51	0.0	58.3	-225.20	4.99	0.05	-9.28	-5.60	3366.02
		0.0	-5.60	-0.03	0.0	58.3	-247.65	-26.64	0.05	-9.28	-2.80	2798.83	
						116.7	-279.50	-71.53	0.05	-9.28	0.0	0.0	
252	9	6869.48	0.0	0.16	-143.92	0.0	58.3	-384.17	4.67	0.06	-39.21	-6.78	6857.08
		0.0	-6.78	-0.07	0.0	58.3	-426.16	-54.52	0.06	-39.21	-3.39	5527.41	
						116.7	-486.30	-139.26	0.06	-39.21	0.0	0.0	
252	11	8572.65	0.0	0.19	-175.00	0.0	58.3	-447.85	3.56	0.05	-57.94	-5.92	8572.65
		0.0	-5.92	-0.08	0.0	58.3	-498.80	-68.25	0.05	-57.94	-2.96	6838.43	
						116.7	-572.03	-171.45	0.05	-57.94	0.0	0.0	
252	20	1887.16	0.36	0.04	-45.97	0.0	58.3	-166.34	4.63	-3.08e-03	6.24	0.36	1849.00
		0.0	0.0	-0.03	0.0	58.3	-179.98	-14.60	-3.08e-03	6.24	0.18	1594.85	
						116.7	-198.96	-41.34	-3.08e-03	6.24	0.0	0.0	
252	23	2029.69	8.17	0.04	-45.97	0.0	58.3	-162.92	3.23	-0.07	4.24	8.17	2011.88
		0.0	0.0	-0.02	0.0	58.3	-176.56	-15.99	-0.07	4.24	4.09	1676.29	
						116.7	-195.54	-42.74	-0.07	4.24	0.0	0.0	
252	31	1977.41	18.23	0.05	-45.97	0.0	58.3	-159.39	3.74	-0.16	4.88	18.23	1952.13
		0.0	0.0	-3.56e-03	0.0	58.3	-173.03	-15.48	-0.16	4.88	9.11	1646.42	
						116.7	-192.01	-42.22	-0.16	4.88	0.0	0.0	
252	32	1634.40	0.0	0.04	-45.97	0.0	58.3	-167.74	7.25	0.20	11.13	-23.69	1543.07
		0.0	-23.69	-0.04	0.0	58.3	-181.38	-11.97	0.20	11.13	-11.84	1441.89	
						116.7	-200.36	-38.72	0.20	11.13	0.0	0.0	
252	33	1859.03	10.76	0.05	-45.97	0.0	58.3	-157.47	4.90	-0.09	7.13	10.76	1816.84
		0.0	0.0	-5.35e-03	0.0	58.3	-171.11	-14.32	-0.09	7.13	5.38	1578.77	
						116.7	-190.09	-41.06	-0.09	7.13	0.0	0.0	
252	34	1531.19	0.0	0.04	-45.97	0.0	58.3	-165.82	8.41	0.27	13.37	-31.15	1407.78
		0.0	-31.15	-0.04	0.0	58.3	-179.47	-10.81	0.27	13.37	-15.58	1374.24	
						116.7	-198.44	-37.56	0.27	13.37	0.0	0.0	
252	52	1939.82	2.79	0.03	-45.97	0.0	58.3	-167.67	4.11	-0.02	5.22	2.79	1909.17
		0.0	0.0	-0.03	0.0	58.3	-181.31	-15.11	-0.02	5.22	1.39	1624.94	
						116.7	-200.29	-41.86	-0.02	5.22	0.0	0.0	
252	55	2139.04	13.38	0.04	-45.97	0.0	58.3	-163.03	2.22	-0.11	2.50	13.38	2130.04
		0.0	0.0	-0.01	0.0	58.3	-176.67	-17.00	-0.11	2.50	6.69	1735.37	
						116.7	-195.65	-43.75	-0.11	2.50	0.0	0.0	
252	63	2063.08	27.02	0.05	-45.97	0.0	58.3	-158.24	2.91	-0.23	3.37	27.02	2049.02
		0.0	0.0	3.40e-03	0.0	58.3	-171.88	-16.31	-0.23	3.37	13.51	1694.86	
						116.7	-190.86	-43.05	-0.23	3.37	0.0	0.0	
252	64	1596.10	0.0	0.03	-45.97	0.0	58.3	-169.57	7.67	0.26	11.84	-29.82	1494.34
		0.0	-29.82	-0.05	0.0	58.3	-183.21	-11.56	0.26	11.84	-14.91	1417.52	
						116.7	-202.19	-38.30	0.26	11.84	0.0	0.0	
252	65	1901.67	16.89	0.06	-45.97	0.0	58.3	-155.64	4.49	-0.14	6.41	16.89	1865.57
		0.0	0.0	9.76e-04	0.0	58.3	-169.28	-14.74	-0.14	6.41	8.45	1603.14	
						116.7	-188.26	-41.48	-0.14	6.41	0.0	0.0	

252	66	1458.52	0.0	0.04	-45.97	0.0	-166.97	9.24	0.34	14.88	-39.94	1310.89
		0.0	-39.94	-0.05	0.0	58.3	-180.61	-9.98	0.34	14.88	-19.97	1325.79
						116.7	-199.59	-36.73	0.34	14.88	0.0	0.0
252	79	1276.64	0.0	0.04	-37.09	0.0	-144.41	6.39	0.06	14.48	-6.71	1189.79
		0.0	-6.71	-0.02	0.0	58.3	-155.50	-9.22	0.06	14.48	-3.36	1135.75
						116.7	-170.73	-30.69	0.06	14.48	0.0	0.0
252	81	2859.80	0.0	0.07	-66.69	0.0	-205.06	5.34	0.05	-3.36	-5.88	2823.67
		0.0	-5.88	-0.03	0.0	58.3	-224.67	-22.30	0.05	-3.36	-2.94	2384.34
						116.7	-252.38	-61.35	0.05	-3.36	0.0	0.0
252	83	4562.01	0.0	0.11	-97.58	0.0	-268.58	4.08	0.05	-22.21	-5.50	4546.97
		0.0	-5.50	-0.05	0.0	58.3	-297.10	-36.11	0.05	-22.21	-2.75	3696.50
						116.7	-337.82	-93.50	0.05	-22.21	0.0	0.0
252	85	5697.31	0.0	0.13	-118.30	0.0	-311.03	3.34	0.04	-34.70	-4.92	5690.68
		0.0	-4.92	-0.05	0.0	58.3	-345.53	-45.26	0.04	-34.70	-2.46	4570.51
						116.7	-394.98	-114.96	0.04	-34.70	0.0	0.0
252	86	1276.64	0.0	0.04	-37.09	0.0	-144.41	6.39	0.06	14.48	-6.71	1189.79
		0.0	-6.71	-0.02	0.0	58.3	-155.50	-9.22	0.06	14.48	-3.36	1135.75
						116.7	-170.73	-30.69	0.06	14.48	0.0	0.0
252	87	2059.62	0.0	0.05	-51.89	0.0	-174.74	5.87	0.05	5.56	-6.30	2006.73
		0.0	-6.30	-0.03	0.0	58.3	-190.08	-15.76	0.05	5.56	-3.15	1760.05
						116.7	-211.56	-46.02	0.05	5.56	0.0	0.0
252	88	1919.27	0.0	0.05	-49.19	0.0	-169.25	5.93	0.06	7.14	-6.47	1861.23
		0.0	-6.47	-0.02	0.0	58.3	-183.82	-14.60	0.06	7.14	-3.23	1647.90
						116.7	-204.15	-43.25	0.06	7.14	0.0	0.0
252	90	2396.71	0.0	0.06	-58.07	0.0	-187.44	5.61	0.05	1.79	-6.22	2351.39
		0.0	-6.22	-0.03	0.0	58.3	-204.57	-18.52	0.05	1.79	-3.11	2022.48
						116.7	-228.64	-52.45	0.05	1.79	0.0	0.0
252	91	1276.64	0.0	0.04	-37.09	0.0	-144.41	6.39	0.06	14.48	-6.71	1189.79
		0.0	-6.71	-0.02	0.0	58.3	-155.50	-9.22	0.06	14.48	-3.36	1135.75
						116.7	-170.73	-30.69	0.06	14.48	0.0	0.0
252	92	1745.62	0.0	0.05	-45.97	0.0	-162.61	6.08	0.06	9.13	-6.46	1679.96
		0.0	-6.46	-0.02	0.0	58.3	-176.25	-13.15	0.06	9.13	-3.23	1510.33
						116.7	-195.23	-39.89	0.06	9.13	0.0	0.0
253	1	1959.19	0.0	-0.07	-51.96	0.0	-239.66	44.58	-0.30	-19.09	0.0	0.0
		0.0	-35.47	0.04	0.0	59.1	-218.72	14.46	-0.30	-19.09	-17.74	1704.94
						118.3	-203.54	-7.38	-0.30	-19.09	-35.47	1873.40
253	5	1036.41	0.0	-0.04	-31.44	0.0	-159.57	25.26	-0.24	-20.30	0.0	0.0
		0.0	-28.49	0.02	0.0	59.1	-146.98	7.16	-0.24	-20.30	-14.24	935.11
						118.3	-137.71	-6.18	-0.24	-20.30	-28.49	940.57
253	7	3481.15	0.0	-0.10	-74.49	0.0	-284.89	70.83	-0.19	7.96	0.0	0.0
		0.0	-22.25	0.05	0.0	59.1	-254.54	27.16	-0.19	7.96	-11.13	2834.11
						118.3	-233.11	-3.66	-0.19	7.96	-22.25	3465.59
253	11	8828.93	0.0	-0.22	-170.78	0.0	-583.13	170.23	-0.16	59.23	0.0	0.0
		0.0	-19.18	0.10	0.0	59.1	-513.14	69.55	-0.16	59.23	-9.59	6939.47
						118.3	-464.41	-0.56	-0.16	59.23	-19.18	8828.93
253	23	2078.37	0.0	-0.06	-44.87	0.0	-189.92	42.34	-7.35e-03	-6.11	0.0	0.0
		0.0	-0.87	0.02	0.0	59.1	-171.79	16.26	-7.35e-03	-6.11	-0.43	1696.81
						118.3	-158.73	-2.53	-7.35e-03	-6.11	-0.87	2066.79
253	27	2073.45	0.24	-0.05	-44.87	0.0	-190.14	42.30	2.06e-03	-6.16	0.0	0.0
		0.0	0.0	0.02	0.0	59.1	-172.01	16.21	2.06e-03	-6.16	0.12	1694.18
						118.3	-158.95	-2.58	2.06e-03	-6.16	0.24	2061.55
253	28	1969.88	0.0	-0.07	-44.87	0.0	-186.72	41.32	-0.04	-8.27	0.0	0.0
		0.0	-5.32	8.30e-03	0.0	59.1	-168.59	15.24	-0.04	-8.27	-2.66	1636.68
						118.3	-155.53	-3.55	-0.04	-8.27	-5.32	1946.53
253	29	1604.10	0.0	-0.05	-44.87	0.0	-210.57	37.64	-0.40	-14.67	0.0	0.0
		0.0	-47.81	0.05	0.0	59.1	-192.44	11.56	-0.40	-14.67	-23.90	1418.62
						118.3	-179.37	-7.23	-0.40	-14.67	-47.81	1510.41
253	30	1517.16	0.0	-0.06	-44.87	0.0	-207.15	36.66	-0.45	-16.79	0.0	0.0
		0.0	-53.37	0.04	0.0	59.1	-189.02	10.58	-0.45	-16.79	-26.68	1361.11
						118.3	-175.95	-8.21	-0.45	-16.79	-53.37	1395.39
253	33	1901.71	0.0	-0.04	-44.87	0.0	-205.53	40.66	-0.23	-8.87	0.0	0.0
		0.0	-27.14	0.04	0.0	59.1	-187.40	14.58	-0.23	-8.87	-13.57	1597.73
						118.3	-174.34	-4.21	-0.23	-8.87	-27.14	1868.63
253	55	2191.28	8.28	-0.05	-44.87	0.0	-186.82	43.36	0.07	-4.20	0.0	0.0
		0.0	0.0	0.01	0.0	59.1	-168.69	17.28	0.07	-4.20	4.14	1757.03
						118.3	-155.63	-1.51	0.07	-4.20	8.28	2187.23
253	59	2184.61	9.79	-0.05	-44.87	0.0	-187.11	43.30	0.08	-4.27	0.0	0.0
		0.0	0.0	0.02	0.0	59.1	-168.98	17.22	0.08	-4.27	4.89	1753.47
						118.3	-155.92	-1.57	0.08	-4.27	9.79	2180.12
253	60	2038.40	2.25	-0.07	-44.87	0.0	-182.47	41.98	0.02	-7.13	0.0	0.0
		0.0	0.0	6.13e-04	0.0	59.1	-164.34	15.90	0.02	-7.13	1.12	1675.49
						118.3	-151.28	-2.89	0.02	-7.13	2.25	2024.16
253	61	1545.19	0.0	-0.05	-44.87	0.0	-214.81	36.98	-0.47	-15.81	0.0	0.0
		0.0	-55.37	0.06	0.0	59.1	-196.68	10.90	-0.47	-15.81	-27.69	1379.80
						118.3	-183.62	-7.89	-0.47	-15.81	-55.37	1432.78
253	62	1428.22	0.0	-0.06	-44.87	0.0	-210.17	35.66	-0.53	-18.68	0.0	0.0
		0.0	-62.91	0.04	0.0	59.1	-192.04	9.58	-0.53	-18.68	-31.45	1301.82

						118.3	-178.98	-9.21	-0.53	-18.68	-62.91	1276.82
253	65	1945.37	0.0	-0.03	-44.87	0.0	-207.98	41.09	-0.23	-7.94	0.0	0.0
		0.0	-27.35	0.05	0.0	59.1	-189.85	15.01	-0.23	-7.94	-13.67	1622.67
						118.3	-176.79	-3.78	-0.23	-7.94	-27.35	1918.53
253	79	1299.45	0.0	-0.05	-36.26	0.0	-173.58	30.37	-0.24	-17.12	0.0	0.0
		0.0	-27.81	0.03	0.0	59.1	-159.00	9.40	-0.24	-17.12	-13.90	1147.85
						118.3	-148.37	-5.89	-0.24	-17.12	-27.81	1223.47
253	81	2927.89	0.0	-0.08	-64.96	0.0	-257.13	60.74	-0.20	1.71	0.0	0.0
		0.0	-23.65	0.04	0.0	59.1	-230.71	22.73	-0.20	1.71	-11.83	2413.85
						118.3	-211.97	-4.22	-0.20	1.71	-23.65	2906.82
253	85	5860.49	0.0	-0.15	-115.47	0.0	-402.56	114.13	-0.14	35.09	0.0	0.0
		0.0	-16.94	0.07	0.0	59.1	-355.28	46.13	-0.14	35.09	-8.47	4637.54
						118.3	-322.28	-1.34	-0.14	35.09	-16.94	5860.49
253	86	1299.45	0.0	-0.05	-36.26	0.0	-173.58	30.37	-0.24	-17.12	0.0	0.0
		0.0	-27.81	0.03	0.0	59.1	-159.00	9.40	-0.24	-17.12	-13.90	1147.85
						118.3	-148.37	-5.89	-0.24	-17.12	-27.81	1223.47
253	87	2107.31	0.0	-0.06	-50.61	0.0	-215.35	45.55	-0.22	-7.70	0.0	0.0
		0.0	-25.73	0.03	0.0	59.1	-194.85	16.07	-0.22	-7.70	-12.87	1780.85
						118.3	-180.17	-5.06	-0.22	-7.70	-25.73	2065.14
253	90	2453.66	0.0	-0.07	-56.70	0.0	-232.74	51.98	-0.21	-3.67	0.0	0.0
		0.0	-24.97	0.04	0.0	59.1	-209.73	18.88	-0.21	-3.67	-12.49	2048.34
						118.3	-193.33	-4.72	-0.21	-3.67	-24.97	2420.21
253	91	1299.45	0.0	-0.05	-36.26	0.0	-173.58	30.37	-0.24	-17.12	0.0	0.0
		0.0	-27.81	0.03	0.0	59.1	-159.00	9.40	-0.24	-17.12	-13.90	1147.85
						118.3	-148.37	-5.89	-0.24	-17.12	-27.81	1223.47
253	92	1781.28	0.0	-0.06	-44.87	0.0	-198.64	39.48	-0.22	-11.47	0.0	0.0
		0.0	-26.56	0.03	0.0	59.1	-180.51	13.40	-0.22	-11.47	-13.28	1527.65
						118.3	-167.45	-5.39	-0.22	-11.47	-26.56	1728.47
254	5	448.92	30.09	0.03	-28.88	0.0	-151.86	12.45	-0.26	-33.71	30.09	63.36
		0.0	0.0	0.03	0.0	57.8	-160.69	0.17	-0.26	-33.71	15.05	448.92
						115.6	-172.65	-16.43	-0.26	-33.71	0.0	0.0
254	11	2476.69	279.27	0.19	-154.83	0.0	-558.31	64.05	-2.42	-95.11	279.27	480.39
		0.0	0.0	0.11	0.0	57.8	-604.09	0.45	-2.42	-95.11	139.64	2476.69
						115.6	-669.76	-90.78	-2.42	-95.11	0.0	0.0
254	12	1738.19	193.61	0.13	-108.74	0.0	-398.57	45.04	-1.68	-68.70	193.61	334.79
		0.0	0.0	0.08	0.0	57.8	-430.76	0.32	-1.68	-68.70	96.81	1738.19
						115.6	-476.85	-63.71	-1.68	-68.70	0.0	0.0
254	15	654.48	73.57	0.04	-41.08	0.0	-206.82	17.27	-0.64	-38.64	73.57	122.27
		0.0	0.0	0.04	0.0	57.8	-219.23	0.04	-0.64	-38.64	36.79	654.48
						115.6	-236.39	-23.80	-0.64	-38.64	0.0	0.0
254	18	636.82	36.54	0.05	-41.08	0.0	-171.31	17.58	-0.32	-39.39	36.54	86.95
		0.0	0.0	0.04	0.0	57.8	-183.71	0.35	-0.32	-39.39	18.27	636.82
						115.6	-200.88	-23.50	-0.32	-39.39	0.0	0.0
254	20	655.17	65.66	0.04	-41.08	0.0	-202.59	17.26	-0.57	-38.24	65.66	123.64
		0.0	0.0	0.03	0.0	57.8	-215.00	0.03	-0.57	-38.24	32.83	655.17
						115.6	-232.17	-23.81	-0.57	-38.24	0.0	0.0
254	25	638.37	51.58	0.05	-41.08	0.0	-177.21	17.55	-0.45	-39.89	51.58	90.05
		0.0	0.0	0.05	0.0	57.8	-189.61	0.32	-0.45	-39.89	25.79	638.37
						115.6	-206.78	-23.52	-0.45	-39.89	0.0	0.0
254	31	647.35	74.30	0.04	-41.08	0.0	-202.50	17.40	-0.64	-39.42	74.30	108.00
		0.0	0.0	0.05	0.0	57.8	-214.91	0.17	-0.64	-39.42	37.15	647.35
						115.6	-232.08	-23.68	-0.64	-39.42	0.0	0.0
254	47	657.63	80.17	0.04	-41.08	0.0	-213.14	17.22	-0.69	-38.51	80.17	128.55
		0.0	0.0	0.04	0.0	57.8	-225.55	-9.59e-03	-0.69	-38.51	40.08	657.63
						115.6	-242.71	-23.86	-0.69	-38.51	0.0	0.0
254	50	633.68	29.94	0.05	-41.08	0.0	-164.99	17.63	-0.26	-39.52	29.94	80.66
		0.0	0.0	0.04	0.0	57.8	-177.39	0.40	-0.26	-39.52	14.97	633.68
						115.6	-194.56	-23.44	-0.26	-39.52	0.0	0.0
254	52	658.56	69.44	0.04	-41.08	0.0	-207.41	17.20	-0.60	-37.97	69.44	130.42
		0.0	0.0	0.02	0.0	57.8	-219.81	-0.03	-0.60	-37.97	34.72	658.56
						115.6	-236.98	-23.87	-0.60	-37.97	0.0	0.0
254	57	635.78	50.35	0.05	-41.08	0.0	-172.99	17.60	-0.44	-40.20	50.35	84.86
		0.0	0.0	0.06	0.0	57.8	-185.39	0.37	-0.44	-40.20	25.17	635.78
						115.6	-202.56	-23.48	-0.44	-40.20	0.0	0.0
254	63	647.96	81.16	0.04	-41.08	0.0	-207.29	17.39	-0.70	-39.56	81.16	109.21
		0.0	0.0	0.06	0.0	57.8	-219.69	0.16	-0.70	-39.56	40.58	647.96
						115.6	-236.86	-23.69	-0.70	-39.56	0.0	0.0
254	79	519.54	39.04	0.04	-33.26	0.0	-165.24	14.24	-0.34	-35.61	39.04	78.17
		0.0	0.0	0.03	0.0	57.8	-175.35	0.18	-0.34	-35.61	19.52	519.54
						115.6	-189.18	-19.02	-0.34	-35.61	0.0	0.0
254	83	1379.06	148.05	0.10	-86.50	0.0	-329.71	35.96	-1.28	-58.94	148.05	259.12
		0.0	0.0	0.06	0.0	57.8	-355.40	0.28	-1.28	-58.94	74.03	1379.06
						115.6	-391.98	-50.54	-1.28	-58.94	0.0	0.0
254	85	1673.31	185.42	0.13	-104.74	0.0	-385.32	43.41	-1.60	-66.88	185.42	320.81
		0.0	0.0	0.08	0.0	57.8	-416.33	0.32	-1.60	-66.88	92.71	1673.31
						115.6	-460.71	-61.33	-1.60	-66.88	0.0	0.0
254	86	519.54	39.04	0.04	-33.26	0.0	-165.24	14.24	-0.34	-35.61	39.04	78.17

		0.0	0.0	0.03	0.0	57.8	-175.35	0.18	-0.34	-35.61	19.52	519.54
						115.6	-189.18	-19.02	-0.34	-35.61	0.0	0.0
254	88	691.45	60.84	0.05	-43.91	0.0	-198.13	18.58	-0.53	-40.28	60.84	114.36
		0.0	0.0	0.04	0.0	57.8	-211.36	0.20	-0.53	-40.28	30.42	691.45
						115.6	-229.74	-25.33	-0.53	-40.28	0.0	0.0
254	90	817.56	76.86	0.06	-51.72	0.0	-221.96	21.77	-0.67	-43.68	76.86	140.80
		0.0	0.0	0.04	0.0	57.8	-237.48	0.22	-0.67	-43.68	38.43	817.56
						115.6	-259.20	-29.95	-0.67	-43.68	0.0	0.0
254	91	519.54	39.04	0.04	-33.26	0.0	-165.24	14.24	-0.34	-35.61	39.04	78.17
		0.0	0.0	0.03	0.0	57.8	-175.35	0.18	-0.34	-35.61	19.52	519.54
						115.6	-189.18	-19.02	-0.34	-35.61	0.0	0.0
254	92	645.65	55.05	0.05	-41.08	0.0	-189.07	17.43	-0.48	-39.02	55.05	104.61
		0.0	0.0	0.04	0.0	57.8	-201.47	0.20	-0.48	-39.02	27.53	645.65
						115.6	-218.64	-23.65	-0.48	-39.02	0.0	0.0
255	5	11.80	35.44	-0.02	-34.82	0.0	-152.97	32.49	-0.29	21.68	35.44	-1602.99
		-1602.99	0.0	2.26e-03	0.0	60.3	-139.39	12.39	-0.29	21.68	17.72	-276.42
						120.6	-129.45	-2.33	-0.29	21.68	0.0	0.0
255	9	0.0	48.89	-0.14	-157.64	0.0	-529.49	159.49	-0.41	-48.18	48.89	-8602.21
		-8602.21	0.0	-0.04	0.0	60.3	-466.78	66.64	-0.41	-48.18	24.44	-1924.30
						120.6	-423.02	1.85	-0.41	-48.18	0.0	0.0
255	11	0.0	48.66	-0.17	-191.57	0.0	-629.33	194.92	-0.40	-71.30	48.66	-1.057e+04
		-1.057e+04	0.0	-0.04	0.0	60.3	-553.01	81.92	-0.40	-71.30	24.33	-2398.17
						120.6	-499.93	3.35	-0.40	-71.30	0.0	0.0
255	15	9.31	115.84	-0.05	-49.95	0.0	-197.66	47.65	-0.96	5.38	115.84	-2404.51
		-2404.51	0.0	0.01	0.0	60.3	-178.02	18.57	-0.96	5.38	57.92	-449.11
						120.6	-163.92	-2.30	-0.96	5.38	0.0	0.0
255	18	0.0	0.0	-0.02	-49.95	0.0	-197.31	48.93	0.37	17.37	-45.06	-2559.07
		-2559.07	-45.06	-0.02	0.0	60.3	-177.67	19.85	0.37	17.37	-22.53	-526.39
						120.6	-163.57	-1.02	0.37	17.37	0.0	0.0
255	32	0.0	38.46	-0.02	-49.95	0.0	-199.01	52.13	-0.32	7.60	38.46	-2945.49
		-2945.49	0.0	1.29e-03	0.0	60.3	-179.37	23.05	-0.32	7.60	19.23	-719.60
						120.6	-165.27	2.18	-0.32	7.60	0.0	0.0
255	33	50.16	32.33	-0.05	-49.95	0.0	-195.96	44.44	-0.27	15.15	32.33	-2018.09
		-2018.09	0.0	-5.33e-03	0.0	60.3	-176.32	15.36	-0.27	15.15	16.16	-255.90
						120.6	-162.22	-5.51	-0.27	15.15	0.0	0.0
255	44	0.0	45.20	-0.02	-49.95	0.0	-201.05	51.68	-0.37	7.94	45.20	-2890.64
		-2890.64	0.0	-9.07e-04	0.0	60.3	-181.41	22.60	-0.37	7.94	22.60	-692.18
						120.6	-167.31	1.73	-0.37	7.94	0.0	0.0
255	45	43.30	25.58	-0.05	-49.95	0.0	-193.92	44.90	-0.21	14.80	25.58	-2072.94
		-2072.94	0.0	-3.47e-03	0.0	60.3	-174.28	15.82	-0.21	14.80	12.79	-283.33
						120.6	-160.18	-5.05	-0.21	14.80	0.0	0.0
255	47	11.03	144.48	-0.05	-49.95	0.0	-197.73	47.42	-1.20	3.24	144.48	-2376.99
		-2376.99	0.0	0.02	0.0	60.3	-178.08	18.34	-1.20	3.24	72.24	-435.35
						120.6	-163.99	-2.53	-1.20	3.24	0.0	0.0
255	50	0.0	0.0	-0.02	-49.95	0.0	-197.25	49.16	0.61	19.51	-73.70	-2586.59
		-2586.59	-73.70	-0.02	0.0	60.3	-177.61	20.08	0.61	19.51	-36.85	-540.15
						120.6	-163.51	-0.79	0.61	19.51	0.0	0.0
255	64	0.0	39.56	-0.01	-49.95	0.0	-199.56	53.50	-0.33	6.26	39.56	-3110.56
		-3110.56	0.0	2.47e-03	0.0	60.3	-179.91	24.42	-0.33	6.26	19.78	-802.14
						120.6	-165.82	3.55	-0.33	6.26	0.0	0.0
255	65	80.07	31.23	-0.06	-49.95	0.0	-195.42	43.07	-0.26	16.49	31.23	-1853.02
		-1853.02	0.0	-6.51e-03	0.0	60.3	-175.78	13.99	-0.26	16.49	15.62	-173.37
						120.6	-161.68	-6.88	-0.26	16.49	0.0	0.0
255	76	0.0	48.70	-0.01	-49.95	0.0	-202.32	52.88	-0.40	6.72	48.70	-3036.19
		-3036.19	0.0	-7.10e-04	0.0	60.3	-182.68	23.80	-0.40	6.72	24.35	-764.95
						120.6	-168.58	2.93	-0.40	6.72	0.0	0.0
255	77	66.13	22.09	-0.05	-49.95	0.0	-192.65	43.69	-0.18	16.03	22.09	-1927.39
		-1927.39	0.0	-3.99e-03	0.0	60.3	-173.01	14.61	-0.18	16.03	11.05	-210.55
						120.6	-158.91	-6.26	-0.18	16.03	0.0	0.0
255	79	9.16	35.46	-0.02	-40.25	0.0	-168.96	38.16	-0.29	17.98	35.46	-1918.61
		-1918.61	0.0	6.11e-04	0.0	60.3	-153.21	14.84	-0.29	17.98	17.73	-352.36
						120.6	-141.77	-2.09	-0.29	17.98	0.0	0.0
255	83	0.0	37.31	-0.09	-106.84	0.0	-364.86	107.63	-0.31	-27.26	37.31	-5780.21
		-5780.21	0.0	-0.02	0.0	60.3	-322.40	44.77	-0.31	-27.26	18.65	-1279.22
						120.6	-292.70	0.79	-0.31	-27.26	0.0	0.0
255	85	0.0	37.16	-0.12	-129.46	0.0	-431.42	131.25	-0.31	-42.67	37.16	-7094.29
		-7094.29	0.0	-0.03	0.0	60.3	-379.89	54.96	-0.31	-42.67	18.58	-1595.13
						120.6	-343.98	1.79	-0.31	-42.67	0.0	0.0
255	86	9.16	35.46	-0.02	-40.25	0.0	-168.96	38.16	-0.29	17.98	35.46	-1918.61
		-1918.61	0.0	6.11e-04	0.0	60.3	-153.21	14.84	-0.29	17.98	17.73	-352.36
						120.6	-141.77	-2.09	-0.29	17.98	0.0	0.0
255	88	2.80	35.83	-0.04	-53.57	0.0	-208.14	52.06	-0.30	8.93	35.83	-2690.93
		-2690.93	0.0	-4.01e-03	0.0	60.3	-187.05	20.83	-0.30	8.93	17.91	-537.73
						120.6	-171.96	-1.51	-0.30	8.93	0.0	0.0
255	90	0.0	35.76	-0.05	-63.27	0.0	-236.67	62.18	-0.30	2.33	35.76	-3254.11
		-3254.11	0.0	-6.64e-03	0.0	60.3	-211.68	25.19	-0.30	2.33	17.88	-673.12
						120.6	-193.93	-1.09	-0.30	2.33	0.0	0.0

255	91	9.16 -1918.61	35.46 0.0	-0.02 6.11e-04	-40.25 0.0	0.0 60.3 120.6	-168.96 -153.21 -141.77	38.16 14.84 -2.09	-0.29 -0.29 -0.29	17.98 17.98 17.98	35.46 17.73 0.0	-1918.61 -352.36 0.0
255	92	4.48 -2481.79	35.39 0.0	-0.03 -2.02e-03	-49.95 0.0	0.0 60.3 120.6	-197.49 -177.84 -163.75	48.29 19.21 -1.66	-0.29 -0.29 -0.29	11.37 11.37 11.37	35.39 17.70 0.0	-2481.79 -487.75 0.0
256	5	1118.41 0.0	5.64 0.0	0.03 0.03	-28.40 0.0	0.0 58.6 117.3	-141.44 -149.96 -161.44	3.55 -8.54 -24.84	-0.05 -0.05 -0.05	-23.20 -23.20 -23.20	5.64 2.82 0.0	1083.57 958.11 0.0
256	11	8042.95 0.0	0.0 -126.35	0.21 0.11	-151.69 0.0	0.0 58.6 117.3	-494.97 -538.86 -601.77	-1.74 -64.08 -153.43	1.08 1.08 1.08	35.81 35.81 35.81	-126.35 -63.18 0.0	8042.95 6245.26 0.0
256	15	1510.79 0.0	27.81 0.0	0.05 0.05	-40.27 0.0	0.0 58.6 117.3	-183.30 -195.21 -211.65	5.65 -11.26 -34.61	-0.24 -0.24 -0.24	-20.93 -20.93 -20.93	27.81 13.90 0.0	1446.23 1313.40 0.0
256	18	2096.03 0.0	0.0 -44.42	0.05 0.02	-40.27 0.0	0.0 58.6 117.3	-164.44 -176.34 -192.79	0.11 -16.80 -40.15	0.38 0.38 0.38	-11.87 -11.87 -11.87	-44.42 -22.21 0.0	2096.03 1638.30 0.0
256	22	2100.12 0.0	0.0 -43.95	0.05 0.02	-40.27 0.0	0.0 58.6 117.3	-164.57 -176.48 -192.92	0.08 -16.83 -40.19	0.37 0.37 0.37	-11.75 -11.75 -11.75	-43.95 -21.98 0.0	2100.12 1640.35 0.0
256	40	1787.45 0.0	0.0 -1.52	0.03 0.05	-40.27 0.0	0.0 58.6 117.3	-192.76 -204.66 -221.10	2.88 -14.03 -37.38	0.01 0.01 0.01	-14.02 -14.02 -14.02	-1.52 -0.76 0.0	1771.26 1475.91 0.0
256	41	1787.22 0.0	0.0 -15.09	0.07 0.03	-40.27 0.0	0.0 58.6 117.3	-154.99 -166.89 -183.34	2.88 -14.03 -37.38	0.13 0.13 0.13	-18.78 -18.78 -18.78	-15.09 -7.54 0.0	1771.00 1475.78 0.0
256	47	1417.03 0.0	40.67 0.0	0.05 0.06	-40.27 0.0	0.0 58.6 117.3	-186.66 -198.57 -215.01	6.64 -10.27 -33.63	-0.35 -0.35 -0.35	-22.54 -22.54 -22.54	40.67 20.33 0.0	1330.57 1255.57 0.0
256	50	2211.69 0.0	0.0 -57.27	0.05 0.02	-40.27 0.0	0.0 58.6 117.3	-161.08 -172.99 -189.43	-0.87 -17.79 -41.14	0.49 0.49 0.49	-10.26 -10.26 -10.26	-57.27 -28.64 0.0	2211.69 1696.13 0.0
256	54	2217.24 0.0	0.0 -56.64	0.05 0.02	-40.27 0.0	0.0 58.6 117.3	-161.27 -173.17 -189.61	-0.92 -17.83 -41.19	0.48 0.48 0.48	-10.09 -10.09 -10.09	-56.64 -28.32 0.0	2217.24 1698.91 0.0
256	72	1787.49 0.0	0.90 0.0	0.03 0.05	-40.27 0.0	0.0 58.6 117.3	-199.48 -211.39 -227.83	2.88 -14.03 -37.38	-7.64e-03 -7.64e-03 -7.64e-03	-13.17 -13.17 -13.17	0.90 0.45 0.0	1771.31 1475.94 0.0
256	73	1787.18 0.0	0.0 -17.50	0.08 0.03	-40.27 0.0	0.0 58.6 117.3	-148.26 -160.17 -176.61	2.88 -14.03 -37.38	0.15 0.15 0.15	-19.63 -19.63 -19.63	-17.50 -8.75 0.0	1770.95 1475.76 0.0
256	79	1357.50 0.0	0.66 0.0	0.04 0.03	-32.66 0.0	0.0 58.6 117.3	-153.06 -162.80 -176.06	3.31 -10.51 -29.35	-5.59e-03 -5.59e-03 -5.59e-03	-20.76 -20.76 -20.76	0.66 0.33 0.0	1330.42 1143.98 0.0
256	85	5374.79 0.0	0.0 -80.82	0.14 0.08	-102.64 0.0	0.0 58.6 117.3	-342.64 -372.39 -414.91	-0.56 -42.81 -103.20	0.69 0.69 0.69	19.48 19.48 19.48	-80.82 -40.41 0.0	5374.79 4192.12 0.0
256	86	1357.50 0.0	0.66 0.0	0.04 0.03	-32.66 0.0	0.0 58.6 117.3	-153.06 -162.80 -176.06	3.31 -10.51 -29.35	-5.59e-03 -5.59e-03 -5.59e-03	-20.76 -20.76 -20.76	0.66 0.33 0.0	1330.42 1143.98 0.0
256	87	2076.83 0.0	0.0 -14.28	0.06 0.04	-45.34 0.0	0.0 58.6 117.3	-187.74 -201.10 -219.66	2.60 -16.38 -42.74	0.12 0.12 0.12	-13.50 -13.50 -13.50	-14.28 -7.14 0.0	2064.93 1697.09 0.0
256	90	2383.35 0.0	0.0 -20.42	0.07 0.04	-50.71 0.0	0.0 58.6 117.3	-202.08 -216.97 -237.78	2.31 -18.85 -48.40	0.17 0.17 0.17	-10.39 -10.39 -10.39	-20.42 -10.21 0.0	2374.34 1930.61 0.0
256	91	1357.50 0.0	0.66 0.0	0.04 0.03	-32.66 0.0	0.0 58.6 117.3	-153.06 -162.80 -176.06	3.31 -10.51 -29.35	-5.59e-03 -5.59e-03 -5.59e-03	-20.76 -20.76 -20.76	0.66 0.33 0.0	1330.42 1143.98 0.0
256	92	1787.33 0.0	0.0 -8.30	0.05 0.04	-40.27 0.0	0.0 58.6 117.3	-173.87 -185.78 -202.22	2.88 -14.03 -37.38	0.07 0.07 0.07	-16.40 -16.40 -16.40	-8.30 -4.15 0.0	1771.13 1475.85 0.0
257	1	2080.32 0.0	21.03 0.0	-0.09 -0.02	-58.31 0.0	0.0 57.7 115.4	-250.02 -225.55 -207.96	49.42 15.51 -8.89	0.18 0.18 0.18	20.22 20.22 20.22	0.0 10.52 21.03	0.0 1827.35 1972.52
257	5	1171.04 0.0	18.40 0.0	-0.05 -0.01	-35.04 0.0	0.0 57.7 115.4	-165.81 -151.19 -140.53	28.73 8.46 -6.31	0.16 0.16 0.16	20.32 20.32 20.32	0.0 9.20 18.40	0.0 1046.62 1082.31
257	8	5615.32 0.0	0.0 -4.02	-0.17 -0.03	-135.15 0.0	0.0 57.7 115.4	-436.68 -379.18 -339.18	123.58 43.88 -11.56	-0.03 -0.03 -0.03	-28.49 -28.49 -28.49	0.0 -2.01 -4.02	0.0 4714.62 5530.26
257	11	8128.16 0.0	0.0 -8.94	-0.24 -0.05	-194.15 0.0	0.0 57.7 115.4	-617.63 -534.98 -477.57	178.20 63.62 -15.95	-0.08 -0.08 -0.08	-46.13 -46.13 -46.13	0.0 -4.47 -8.94	0.0 6808.27 8015.22
257	14	7215.14 0.0	0.0 -11.57	-0.21 -0.04	-170.89 0.0	0.0 57.7	-533.42 -460.62	157.51 56.58	-0.10 -0.10	-46.03 -46.03	0.0 -5.78	0.0 6027.55

						115.4	-410.15	-13.38	-0.10	-46.03	-11.57	7125.02
257	21	2081.30	32.06	-0.06	-50.49	0.0	-203.33	45.76	0.28	10.16	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-182.09	16.32	0.28	10.16	16.03	1750.66
						115.4	-166.91	-4.73	0.28	10.16	32.06	2044.72
257	22	2129.86	7.60	-0.07	-50.49	0.0	-207.59	46.24	0.07	8.81	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-186.36	16.80	0.07	8.81	3.80	1778.41
						115.4	-171.17	-4.25	0.07	8.81	7.60	2100.21
257	35	1724.19	54.22	-0.07	-50.49	0.0	-198.06	42.00	0.47	15.71	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-176.83	12.56	0.47	15.71	27.11	1533.77
						115.4	-161.64	-8.49	0.47	15.71	54.22	1610.94
257	38	1975.81	0.0	-0.07	-50.49	0.0	-217.10	44.71	-0.21	9.92	0.0	0.0
		0.0	-24.51	4.00e-03	0.0	57.7	-195.87	15.27	-0.21	9.92	-12.25	1689.97
						115.4	-180.68	-5.78	-0.21	9.92	-24.51	1923.34
257	43	1714.57	59.81	-0.07	-50.49	0.0	-199.21	41.89	0.52	16.07	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-177.98	12.45	0.52	16.07	29.90	1527.36
						115.4	-162.79	-8.60	0.52	16.07	59.81	1598.11
257	46	1986.32	0.0	-0.07	-50.49	0.0	-215.95	44.82	-0.26	9.57	0.0	0.0
		0.0	-30.09	2.49e-03	0.0	57.7	-194.72	15.38	-0.26	9.57	-15.05	1696.39
						115.4	-179.53	-5.67	-0.26	9.57	-30.09	1936.17
257	53	2167.77	38.19	-0.06	-50.49	0.0	-201.81	46.61	0.33	9.22	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-180.58	17.18	0.33	9.22	19.10	1800.07
						115.4	-165.39	-3.87	0.33	9.22	38.19	2143.54
257	54	2234.27	5.01	-0.06	-50.49	0.0	-207.60	47.27	0.04	7.38	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-186.36	17.83	0.04	7.38	2.50	1837.69
						115.4	-171.18	-3.22	0.04	7.38	5.01	2218.78
257	67	1682.48	68.24	-0.07	-50.49	0.0	-194.67	41.52	0.59	16.74	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-173.44	12.08	0.59	16.74	34.12	1505.97
						115.4	-158.25	-8.97	0.59	16.74	68.24	1555.33
257	70	2023.75	0.0	-0.07	-50.49	0.0	-220.49	45.19	-0.33	8.89	0.0	0.0
		0.0	-38.52	0.01	0.0	57.7	-199.26	15.75	-0.33	8.89	-19.26	1717.78
						115.4	-184.07	-5.30	-0.33	8.89	-38.52	1978.95
257	75	1669.44	75.81	-0.07	-50.49	0.0	-196.23	41.37	0.66	17.22	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-175.00	11.93	0.66	17.22	37.91	1497.27
						115.4	-159.81	-9.12	0.66	17.22	75.81	1537.93
257	78	2038.97	0.0	-0.07	-50.49	0.0	-218.93	45.34	-0.40	8.41	0.0	0.0
		0.0	-46.10	8.30e-03	0.0	57.7	-197.70	15.90	-0.40	8.41	-23.05	1726.47
						115.4	-182.51	-5.15	-0.40	8.41	-46.10	1996.34
257	79	1412.01	17.15	-0.06	-40.59	0.0	-180.79	33.98	0.15	17.63	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-163.80	10.42	0.15	17.63	8.57	1249.55
						115.4	-151.52	-6.61	0.15	17.63	17.15	1328.19
257	82	4374.02	2.20	-0.14	-107.32	0.0	-361.37	97.22	0.02	-14.91	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-315.79	34.03	0.02	-14.91	1.10	3694.89
						115.4	-283.95	-10.11	0.02	-14.91	2.20	4293.48
257	85	5440.56	0.0	-0.16	-131.15	0.0	-425.87	119.83	-0.02	-26.61	0.0	0.0
		0.0	-2.83	-0.03	0.0	57.7	-370.08	42.50	-0.02	-26.61	-1.42	4570.17
						115.4	-331.26	-11.32	-0.02	-26.61	-2.83	5356.66
257	86	1412.01	17.15	-0.06	-40.59	0.0	-180.79	33.98	0.15	17.63	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-163.80	10.42	0.15	17.63	8.57	1249.55
						115.4	-151.52	-6.61	0.15	17.63	17.15	1328.19
257	87	2140.16	13.33	-0.08	-57.09	0.0	-225.44	49.60	0.12	9.61	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-201.38	16.25	0.12	9.61	6.67	1853.42
						115.4	-184.26	-7.49	0.12	9.61	13.33	2059.77
257	90	2446.42	11.93	-0.09	-63.98	0.0	-244.10	56.15	0.10	6.22	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-217.08	18.70	0.10	6.22	5.97	2106.91
						115.4	-197.94	-7.83	0.10	6.22	11.93	2367.99
257	91	1412.01	17.15	-0.06	-40.59	0.0	-180.79	33.98	0.15	17.63	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-163.80	10.42	0.15	17.63	8.57	1249.55
						115.4	-151.52	-6.61	0.15	17.63	17.15	1328.19
257	92	1848.90	14.86	-0.07	-50.49	0.0	-207.58	43.35	0.13	12.82	0.0	0.0
		0.0	0.0	-0.01	0.0	57.7	-186.35	13.92	0.13	12.82	7.43	1611.87
						115.4	-171.16	-7.14	0.13	12.82	14.86	1767.14
258	5	3496.87	28.52	-0.02	-21.34	0.0	-891.01	26.83	-1.34	13.20	28.52	1778.72
		1778.72	-138.32	0.01	0.0	62.5	-883.82	12.55	-1.34	13.20	-54.90	2971.06
						125.0	-880.26	5.49	-1.34	13.20	-138.32	3496.87
258	11	1.475e+04	78.82	-0.08	-101.33	0.0	-2456.62	118.43	-4.05	29.74	78.82	8203.72
		8203.72	-427.10	0.02	0.0	62.5	-2419.45	44.67	-4.05	29.74	-174.14	1.306e+04
						125.0	-2405.55	17.10	-4.05	29.74	-427.10	1.475e+04
258	16	4425.60	54.93	-0.04	-28.96	0.0	-884.46	35.23	-1.35	16.13	54.93	2288.59
		2288.59	-114.22	0.01	0.0	62.5	-874.38	15.23	-1.35	16.13	-29.64	3809.49
						125.0	-869.86	6.27	-1.35	16.13	-114.22	4425.60
258	17	4683.43	11.01	-0.02	-28.96	0.0	-1163.26	35.74	-1.80	12.91	11.01	2490.34
		2490.34	-213.54	0.02	0.0	62.5	-1153.18	15.74	-1.80	12.91	-101.26	4039.27
						125.0	-1148.66	6.78	-1.80	12.91	-213.54	4683.43
258	27	4079.17	77.83	-0.03	-28.96	0.0	-955.70	31.97	-0.88	15.04	77.83	2346.67
		2346.67	-32.42	8.98e-03	0.0	62.5	-945.62	11.97	-0.88	15.04	22.71	3665.31
						125.0	-941.10	3.01	-0.88	15.04	-32.42	4079.17
258	30	5029.86	-11.89	-0.03	-28.96	0.0	-1092.01	39.00	-2.27	14.00	-11.89	2432.27

		2432.27	-295.34	0.02	0.0	62.5	-1081.93	19.00	-2.27	14.00	-153.61	4183.45
						125.0	-1077.41	10.03	-2.27	14.00	-295.34	5029.86
258	44	4795.47	20.92	-0.04	-28.96	0.0	-923.96	38.45	-1.95	15.54	20.92	2257.84
		2257.84	-222.10	0.02	0.0	62.5	-913.88	18.45	-1.95	15.54	-100.59	3979.04
						125.0	-909.36	9.49	-1.95	15.54	-222.10	4795.47
258	48	4379.70	62.75	-0.04	-28.96	0.0	-834.83	35.14	-1.28	16.70	62.75	2252.68
		2252.68	-96.54	9.89e-03	0.0	62.5	-824.75	15.14	-1.28	16.70	-16.89	3768.58
						125.0	-820.23	6.18	-1.28	16.70	-96.54	4379.70
258	49	4729.32	3.20	-0.02	-28.96	0.0	-1212.88	35.83	-1.88	12.34	3.20	2526.25
		2526.25	-231.22	0.02	0.0	62.5	-1202.80	15.83	-1.88	12.34	-114.01	4080.18
						125.0	-1198.28	6.87	-1.88	12.34	-231.22	4729.32
258	59	3909.94	93.81	-0.03	-28.96	0.0	-931.44	30.72	-0.63	15.23	93.81	2331.43
		2331.43	14.38	7.18e-03	0.0	62.5	-921.36	10.72	-0.63	15.23	54.09	3573.08
						125.0	-916.84	1.76	-0.63	15.23	14.38	3909.94
258	62	5199.08	-27.86	-0.03	-28.96	0.0	-1116.27	40.25	-2.52	13.81	-27.86	2447.50
		2447.50	-342.14	0.02	0.0	62.5	-1106.19	20.25	-2.52	13.81	-185.00	4275.68
						125.0	-1101.68	11.28	-2.52	13.81	-342.14	5199.08
258	76	4881.25	16.62	-0.05	-28.96	0.0	-888.40	39.50	-2.08	15.90	16.62	2210.98
		2210.98	-242.83	0.02	0.0	62.5	-878.31	19.50	-2.08	15.90	-113.10	3998.50
						125.0	-873.80	10.54	-2.08	15.90	-242.83	4881.25
258	79	3876.54	30.12	-0.02	-24.07	0.0	-938.93	29.93	-1.42	13.68	30.12	1998.02
		1998.02	-147.50	0.01	0.0	62.5	-930.69	13.60	-1.42	13.68	-58.69	3313.31
						125.0	-926.79	5.86	-1.42	13.68	-147.50	3876.54
258	85	1.010e+04	55.50	-0.06	-68.94	0.0	-1731.00	80.87	-2.83	21.34	55.50	5589.35
		5589.35	-298.28	0.02	0.0	62.5	-1705.81	30.89	-2.83	21.34	-121.39	8919.33
						125.0	-1696.25	11.94	-2.83	21.34	-298.28	1.010e+04
258	86	3876.54	30.12	-0.02	-24.07	0.0	-938.93	29.93	-1.42	13.68	30.12	1998.02
		1998.02	-147.50	0.01	0.0	62.5	-930.69	13.60	-1.42	13.68	-58.69	3313.31
						125.0	-926.79	5.86	-1.42	13.68	-147.50	3876.54
258	90	5481.98	36.72	-0.03	-35.65	0.0	-1142.64	43.08	-1.79	15.66	36.72	2925.06
		2925.06	-186.39	0.01	0.0	62.5	-1130.03	18.06	-1.79	15.66	-74.84	4760.42
						125.0	-1124.67	7.43	-1.79	15.66	-186.39	5481.98
258	91	3876.54	30.12	-0.02	-24.07	0.0	-938.93	29.93	-1.42	13.68	30.12	1998.02
		1998.02	-147.50	0.01	0.0	62.5	-930.69	13.60	-1.42	13.68	-58.69	3313.31
						125.0	-926.79	5.86	-1.42	13.68	-147.50	3876.54
258	92	4554.51	32.97	-0.03	-28.96	0.0	-1023.86	35.49	-1.58	14.52	32.97	2389.47
		2389.47	-163.88	0.01	0.0	62.5	-1013.78	15.49	-1.58	14.52	-65.45	3924.38
						125.0	-1009.26	6.52	-1.58	14.52	-163.88	4554.51
259	5	3532.24	52.67	-0.02	-21.67	0.0	-910.74	22.56	0.28	-0.69	17.09	2374.58
		2374.58	17.09	0.02	0.0	62.5	-903.41	8.03	0.28	-0.69	34.88	3291.82
						125.0	-899.82	0.89	0.28	-0.69	52.67	3532.24
259	11	1.500e+04	175.42	-0.08	-103.38	0.0	-2448.35	106.35	-4.57	4.52	175.42	1.013e+04
		1.013e+04	-395.94	0.04	0.0	62.5	-2410.40	31.06	-4.57	4.52	-110.26	1.418e+04
						125.0	-2396.25	2.97	-4.57	4.52	-395.94	1.500e+04
259	20	5134.29	-32.02	-0.03	-29.47	0.0	-960.78	37.87	-1.08	1.31	-32.02	2712.46
		2712.46	-166.14	0.02	0.0	62.5	-950.51	17.50	-1.08	1.31	-99.08	4383.63
						125.0	-945.93	8.41	-1.08	1.31	-166.14	5134.29
259	21	4269.06	174.84	-0.02	-29.47	0.0	-1125.17	23.21	0.62	-1.59	97.70	3496.99
		3496.99	97.70	0.01	0.0	62.5	-1114.90	2.84	0.62	-1.59	136.27	4251.75
						125.0	-1110.32	-6.25	0.62	-1.59	174.84	4086.01
259	23	4844.39	22.62	-0.03	-29.47	0.0	-880.10	34.15	-1.00	1.34	22.62	2887.96
		2887.96	-99.90	0.02	0.0	62.5	-869.83	13.77	-1.00	1.34	-38.64	4326.43
						125.0	-865.25	4.68	-1.00	1.34	-99.90	4844.39
259	26	4413.90	108.60	-0.02	-29.47	0.0	-1205.85	26.94	0.54	-1.62	43.06	3321.49
		3321.49	43.06	0.01	0.0	62.5	-1195.58	6.56	0.54	-1.62	75.83	4308.95
						125.0	-1191.00	-2.53	0.54	-1.62	108.60	4375.91
259	52	5320.89	-55.11	-0.03	-29.47	0.0	-931.52	40.48	-1.38	1.83	-55.11	2572.82
		2572.82	-226.83	0.02	0.0	62.5	-921.25	20.11	-1.38	1.83	-140.97	4407.11
						125.0	-916.67	11.02	-1.38	1.83	-226.83	5320.89
259	53	4228.28	235.53	-0.02	-29.47	0.0	-1154.43	20.60	0.92	-2.11	120.79	3636.64
		3636.64	120.79	0.01	0.0	62.5	-1144.16	0.23	0.92	-2.11	178.16	4228.28
						125.0	-1139.58	-8.86	0.92	-2.11	235.53	3899.41
259	55	4927.78	18.99	-0.04	-29.47	0.0	-822.12	35.43	-1.27	1.86	18.99	2810.80
		2810.80	-137.02	0.02	0.0	62.5	-811.85	15.05	-1.27	1.86	-59.02	4329.54
						125.0	-807.27	5.97	-1.27	1.86	-137.02	4927.78
259	58	4370.84	145.72	-0.01	-29.47	0.0	-1263.83	25.65	0.82	-2.15	46.69	3398.66
		3398.66	46.69	0.01	0.0	62.5	-1253.56	5.28	0.82	-2.15	96.21	4305.84
						125.0	-1248.98	-3.81	0.82	-2.15	145.72	4292.52
259	79	3919.36	35.33	-0.02	-24.47	0.0	-958.05	25.43	0.10	-0.49	22.75	2636.80
		2636.80	22.75	0.02	0.0	62.5	-949.67	8.80	0.10	-0.49	29.04	3660.23
						125.0	-945.72	0.96	0.10	-0.49	35.33	3919.36
259	85	1.026e+04	116.21	-0.05	-70.32	0.0	-1728.43	72.38	-2.91	2.81	116.21	6932.65
		6932.65	-247.70	0.03	0.0	62.5	-1702.72	21.37	-2.91	2.81	-65.74	9696.26
						125.0	-1692.99	2.07	-2.91	2.81	-247.70	1.026e+04
259	86	3919.36	35.33	-0.02	-24.47	0.0	-958.05	25.43	0.10	-0.49	22.75	2636.80
		2636.80	22.75	0.02	0.0	62.5	-949.67	8.80	0.10	-0.49	29.04	3660.23
						125.0	-945.72	0.96	0.10	-0.49	35.33	3919.36

259	90	5556.56	46.82	-0.03	-36.30	0.0	-1157.42	37.55	-0.68	0.36	46.82	3745.53
		3745.53	-37.80	0.02	0.0	62.5	-1144.57	12.04	-0.68	0.36	4.51	5218.08
						125.0	-1139.12	1.24	-0.68	0.36	-37.80	5556.56
259	91	3919.36	35.33	-0.02	-24.47	0.0	-958.05	25.43	0.10	-0.49	22.75	2636.80
		2636.80	22.75	0.02	0.0	62.5	-949.67	8.80	0.10	-0.49	29.04	3660.23
						125.0	-945.72	0.96	0.10	-0.49	35.33	3919.36
259	92	4610.15	32.84	-0.02	-29.47	0.0	-1042.98	30.54	-0.23	-0.14	32.84	3104.73
		3104.73	4.35	0.02	0.0	62.5	-1032.70	10.17	-0.23	-0.14	18.60	4317.69
						125.0	-1028.12	1.08	-0.23	-0.14	4.35	4610.15

Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-2.859e+04	-5265.24	-0.89	-5073.34	-2509.17	-2536.67	-43.55	-315.15
	1.883e+05	5276.82	0.74	0.0	1501.10	2536.67	43.62	314.89

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
94	3	-4.456e+04	2889.53	-0.01	-2.16	0.0	-4787.46	-3186.08	41.97	281.80	1252.76	-4.456e+04
		-8.651e+04	1252.76	-2.82e-03		19.5	-4787.46	-829.35	41.97	405.67	2071.14	-8.364e+04
						39.0	-4787.46	1489.11	41.97	531.93	2889.53	-7.716e+04
94	4	-4.562e+04	2838.91	-0.01	-2.20	0.0	-4855.11	-3232.32	40.87	226.96	1245.12	-4.562e+04
		-8.804e+04	1245.12	-2.82e-03		19.5	-4855.11	-834.20	40.87	352.17	2042.01	-8.519e+04
						39.0	-4855.11	1525.97	40.87	479.46	2838.91	-7.840e+04
94	5	-2.978e+04	509.29	-7.19e-03	-1.45	0.0	-3281.33	-2087.98	24.35	-276.41	-440.37	-2.978e+04
		-5.687e+04	-440.37	-1.38e-03		19.5	-3281.33	-522.18	24.35	-197.72	34.46	-5.518e+04
						39.0	-3281.33	1020.94	24.35	-120.19	509.29	-5.029e+04
94	12	-3.188e+04	408.06	-6.99e-03	-1.52	0.0	-3416.64	-2180.46	22.15	-386.11	-455.65	-3.188e+04
		-5.993e+04	-455.65	-1.38e-03		19.5	-3416.64	-531.87	22.15	-304.72	-23.80	-5.828e+04
						39.0	-3416.64	1094.66	22.15	-225.13	408.06	-5.277e+04
94	15	-2.834e+04	3285.49	-0.02	-1.59	0.0	-3002.59	-1938.76	-62.35	-618.66	3285.49	-2.834e+04
		-5.662e+04	997.78	-2.81e-04		19.5	-3002.59	-364.61	-62.35	-682.80	2141.63	-5.575e+04
						39.0	-3002.59	1202.31	-62.35	-752.48	997.78	-4.776e+04
94	31	-2.940e+04	-348.17	-0.06	-1.70	0.0	-2769.07	-1835.76	-99.51	-1440.25	-348.17	-2.940e+04
		-5.336e+04	-3921.19	1.84e-03		19.5	-2769.07	-368.09	-99.51	-1739.25	-2134.68	-5.029e+04
						39.0	-2769.07	1126.92	-99.51	-2050.53	-3921.19	-4.549e+04
94	34	-3.293e+04	5995.45	0.06	-1.38	0.0	-4041.11	-2564.53	152.97	1190.02	337.23	-3.293e+04
		-6.656e+04	337.23	-5.09e-03		19.5	-4041.11	-747.98	152.97	1656.34	3166.34	-6.357e+04
						39.0	-4041.11	991.64	152.97	2134.46	5995.45	-6.069e+04
94	36	-3.163e+04	6975.74	0.06	-1.39	0.0	-3927.27	-2476.17	126.24	1029.67	2280.88	-3.163e+04
		-6.566e+04	2280.88	-4.94e-03		19.5	-3927.27	-669.68	126.24	1483.77	4628.31	-6.320e+04
						39.0	-3927.27	1060.85	126.24	1947.95	6975.74	-5.892e+04
94	37	-3.070e+04	-2291.83	-0.06	-1.69	0.0	-2882.90	-1924.11	-72.77	-1279.90	-2291.83	-3.070e+04
		-5.409e+04	-4901.47	1.69e-03		19.5	-2882.90	-446.39	-72.77	-1566.67	-3596.65	-5.281e+04
						39.0	-2882.90	1057.71	-72.77	-1864.02	-4901.47	-4.726e+04
94	47	-2.733e+04	4457.08	-0.03	-1.62	0.0	-2859.30	-1845.71	-94.06	-794.37	4457.08	-2.733e+04
		-5.551e+04	983.77	1.98e-04		19.5	-2859.30	-295.75	-94.06	-911.11	2720.42	-5.495e+04
						39.0	-2859.30	1253.23	-94.06	-1035.30	983.77	-4.587e+04
94	63	-2.878e+04	-470.17	-0.08	-1.77	0.0	-2542.64	-1706.04	-144.45	-1908.44	-470.17	-2.878e+04
		-5.109e+04	-5686.35	3.08e-03		19.5	-2542.64	-300.47	-144.45	-2343.66	-3078.26	-5.045e+04
						39.0	-2542.64	1151.00	-144.45	-2795.45	-5686.35	-4.278e+04
94	66	-3.355e+04	7760.61	0.08	-1.34	0.0	-4267.53	-2694.24	197.92	1658.21	459.22	-3.355e+04
		-6.896e+04	459.22	-6.33e-03		19.5	-4267.53	-815.60	197.92	2260.76	4109.92	-6.556e+04
						39.0	-4267.53	967.56	197.92	2879.38	7760.61	-6.340e+04
94	68	-3.180e+04	9089.87	0.08	-1.35	0.0	-4113.17	-2574.44	161.66	1440.77	3094.83	-3.180e+04
		-6.772e+04	3094.83	-6.13e-03		19.5	-4113.17	-709.42	161.66	2026.75	6092.35	-6.505e+04
						39.0	-4113.17	1061.40	161.66	2626.48	9089.87	-6.099e+04
94	69	-3.053e+04	-3105.77	-0.08	-1.75	0.0	-2697.01	-1825.85	-108.20	-1691.00	-3105.77	-3.053e+04
		-5.208e+04	-7015.61	2.87e-03		19.5	-2697.01	-406.65	-108.20	-2109.65	-5060.69	-5.096e+04
						39.0	-2697.01	1057.15	-108.20	-2542.55	-7015.61	-4.519e+04
94	74	-3.312e+04	7706.89	0.08	-1.34	0.0	-4166.68	-2708.02	171.34	1210.27	1443.62	-3.312e+04
		-6.899e+04	1443.62	-6.14e-03		19.5	-4166.68	-834.28	171.34	1774.02	4575.26	-6.540e+04
						39.0	-4166.68	978.05	171.34	2356.86	7706.89	-6.366e+04
94	79	-3.018e+04	661.79	-7.40e-03	-1.47	0.0	-3317.28	-2120.98	24.94	-233.69	-311.02	-3.018e+04
		-5.775e+04	-311.02	-1.45e-03		19.5	-3317.28	-532.83	24.94	-153.78	175.38	-5.600e+04
						39.0	-3317.28	1031.98	24.94	-74.78	661.79	-5.111e+04
94	81	-3.346e+04	1912.92	-8.94e-03	-1.63	0.0	-3609.98	-2384.85	30.91	128.23	707.48	-3.346e+04
		-6.479e+04	707.48	-2.03e-03		19.5	-3609.98	-616.85	30.91	220.65	1310.20	-6.267e+04
						39.0	-3609.98	1122.98	30.91	314.38	1912.92	-5.771e+04
94	82	-3.417e+04	1879.18	-8.88e-03	-1.65	0.0	-3655.08	-2415.68	30.17	91.66	702.38	-3.417e+04
		-6.581e+04	702.38	-2.03e-03		19.5	-3655.08	-620.08	30.17	184.99	1290.78	-6.371e+04
						39.0	-3655.08	1147.55	30.17	279.40	1879.18	-5.853e+04
94	83	-3.158e+04	594.30	-7.27e-03	-1.52	0.0	-3407.48	-2182.63	23.47	-306.82	-321.21	-3.158e+04
		-5.979e+04	-321.21	-1.45e-03		19.5	-3407.48	-539.29	23.47	-225.12	136.54	-5.807e+04
						39.0	-3407.48	1081.12	23.47	-144.74	594.30	-5.277e+04
94	86	-3.018e+04	661.79	-7.40e-03	-1.47	0.0	-3317.28	-2120.98	24.94	-233.69	-311.02	-3.018e+04
		-5.775e+04	-311.02	-1.45e-03		19.5	-3317.28	-532.83	24.94	-153.78	175.38	-5.600e+04
						39.0	-3317.28	1031.98	24.94	-74.78	661.79	-5.111e+04

94	87	-3.182e+04	1287.36	-8.17e-03	-1.55	0.0	-3463.63	-2252.92	27.93	-52.73	198.23	-3.182e+04
		-6.127e+04	198.23	-1.74e-03		19.5	-3463.63	-574.84	27.93	33.44	742.79	-5.934e+04
						39.0	-3463.63	1077.48	27.93	119.80	1287.36	-5.441e+04
94	88	-3.046e+04	648.29	-7.38e-03	-1.48	0.0	-3335.32	-2133.31	24.65	-248.31	-313.06	-3.046e+04
		-5.815e+04	-313.06	-1.45e-03		19.5	-3335.32	-534.12	24.65	-168.05	167.62	-5.642e+04
						39.0	-3335.32	1041.81	24.65	-88.77	648.29	-5.144e+04
94	91	-3.018e+04	661.79	-7.40e-03	-1.47	0.0	-3317.28	-2120.98	24.94	-233.69	-311.02	-3.018e+04
		-5.775e+04	-311.02	-1.45e-03		19.5	-3317.28	-532.83	24.94	-153.78	175.38	-5.600e+04
						39.0	-3317.28	1031.98	24.94	-74.78	661.79	-5.111e+04
94	92	-3.116e+04	1037.13	-7.87e-03	-1.52	0.0	-3405.09	-2200.14	26.73	-125.11	-5.47	-3.116e+04
		-5.986e+04	-5.47	-1.63e-03		19.5	-3405.09	-558.04	26.73	-41.45	515.83	-5.801e+04
						39.0	-3405.09	1059.28	26.73	41.97	1037.13	-5.309e+04
95	1	3.041e+04	-358.93	0.02	-1.83	0.0	-2366.03	-3759.62	43.35	217.27	-2049.59	3.041e+04
		-3.967e+04	-2049.59	-1.91e-03		19.5	-2366.03	-1787.68	43.35	310.57	-1204.26	-2.359e+04
						39.0	-2366.03	134.75	43.35	405.52	-358.93	-3.964e+04
95	3	3.597e+04	1380.12	0.02	-2.06	0.0	-2480.03	-4289.44	57.82	900.83	-874.87	3.597e+04
		-4.456e+04	-874.87	-2.96e-03		19.5	-2480.03	-2055.10	57.82	1004.15	252.63	-2.579e+04
						39.0	-2480.03	120.48	57.82	1112.81	1380.12	-4.456e+04
95	4	3.617e+04	1344.27	0.02	-2.09	0.0	-2519.95	-4359.29	56.33	850.87	-852.76	3.617e+04
		-4.562e+04	-852.76	-2.96e-03		19.5	-2519.95	-2087.11	56.33	955.94	535.75	-2.978e+04
						39.0	-2519.95	126.04	56.33	1066.09	1344.27	-4.562e+04
95	5	2.256e+04	-532.95	0.01	-1.38	0.0	-1804.42	-2813.91	31.58	71.18	-1764.53	2.256e+04
		-2.982e+04	-1764.53	-1.32e-03		19.5	-1804.42	-1335.70	31.58	141.98	-1148.74	-1.784e+04
						39.0	-1804.42	105.89	31.58	213.54	-532.95	-2.978e+04
95	11	3.469e+04	786.70	0.02	-2.06	0.0	-2525.67	-4270.19	50.51	595.85	-1183.08	3.469e+04
		-4.520e+04	-1183.08	-2.64e-03		19.5	-2525.67	-2038.91	50.51	699.65	-198.19	-2.672e+04
						39.0	-2525.67	135.89	50.51	807.18	786.70	-4.519e+04
95	15	3.173e+04	5058.54	-0.03	-1.51	0.0	-1322.06	-2758.80	-70.94	-284.26	5058.54	3.173e+04
		-2.834e+04	2238.37	-5.78e-04		19.5	-1322.06	-1274.92	-70.94	-338.82	3648.45	-1.412e+04
						39.0	-1322.06	176.84	-70.94	-396.10	2238.37	-2.834e+04
95	18	1.655e+04	-2318.30	0.03	-1.38	0.0	-2350.02	-3169.24	141.88	808.51	-7905.27	1.655e+04
		-3.419e+04	-7905.27	-2.66e-03		19.5	-2350.02	-1548.03	141.88	1009.77	-5111.79	-2.279e+04
						39.0	-2350.02	26.70	141.88	1217.32	-2318.30	-3.399e+04
95	39	3.195e+04	2129.71	-0.07	-1.62	0.0	-1540.18	-2598.21	-106.44	-835.52	2129.71	3.195e+04
		-2.972e+04	-2600.37	1.88e-03		19.5	-1540.18	-1218.26	-106.44	-1071.05	-235.33	-1.599e+04
						39.0	-1540.18	135.70	-106.44	-1316.55	-2600.37	-2.972e+04
95	47	3.443e+04	7366.10	-0.04	-1.54	0.0	-1139.08	-2685.74	-108.82	-478.77	7366.10	3.443e+04
		-2.733e+04	3049.46	-2.11e-04		19.5	-1139.08	-1226.30	-108.82	-578.87	5207.78	-1.258e+04
						39.0	-1139.08	203.57	-108.82	-683.29	3049.46	-2.733e+04
95	50	1.385e+04	-3129.39	0.04	-1.36	0.0	-2533.00	-3242.30	179.77	1003.02	-1.021e+04	1.385e+04
		-3.526e+04	-1.021e+04	-3.03e-03		19.5	-2533.00	-1596.65	179.77	1249.82	-6671.11	-2.433e+04
						39.0	-2533.00	-0.02	179.77	1504.51	-3129.39	-3.500e+04
95	71	3.472e+04	3394.60	-0.09	-1.68	0.0	-1434.86	-2467.98	-156.96	-1226.29	3394.60	3.472e+04
		-2.920e+04	-3511.88	3.13e-03		19.5	-1434.86	-1149.48	-156.96	-1571.77	-58.64	-1.511e+04
						39.0	-1434.86	147.79	-156.96	-1931.43	-3511.88	-2.920e+04
95	79	2.303e+04	-387.78	0.01	-1.39	0.0	-1813.24	-2858.06	32.58	125.41	-1658.31	2.303e+04
		-3.021e+04	-1658.31	-1.41e-03		19.5	-1813.24	-1357.99	32.58	196.76	-1023.04	-1.802e+04
						39.0	-1813.24	104.62	32.58	269.15	-387.78	-3.018e+04
95	81	2.674e+04	771.59	0.02	-1.55	0.0	-1889.24	-3211.27	42.22	581.12	-875.17	2.674e+04
		-3.346e+04	-875.17	-2.10e-03		19.5	-1889.24	-1536.27	42.22	659.15	-51.79	-1.948e+04
						39.0	-1889.24	95.11	42.22	740.68	771.59	-3.346e+04
95	82	2.687e+04	747.69	0.02	-1.57	0.0	-1915.85	-3257.83	41.23	547.82	-860.43	2.687e+04
		-3.417e+04	-860.43	-2.10e-03		19.5	-1915.85	-1557.61	41.23	627.01	-56.37	-2.001e+04
						39.0	-1915.85	98.82	41.23	709.54	747.69	-3.417e+04
95	85	2.589e+04	375.98	0.01	-1.55	0.0	-1919.67	-3198.43	37.35	377.80	-1080.64	2.589e+04
		-3.389e+04	-1080.64	-1.89e-03		19.5	-1919.67	-1525.47	37.35	456.15	-352.33	-2.010e+04
						39.0	-1919.67	105.38	37.35	536.93	375.98	-3.388e+04
95	86	2.303e+04	-387.78	0.01	-1.39	0.0	-1813.24	-2858.06	32.58	125.41	-1658.31	2.303e+04
		-3.021e+04	-1658.31	-1.41e-03		19.5	-1813.24	-1357.99	32.58	196.76	-1023.04	-1.802e+04
						39.0	-1813.24	104.62	32.58	269.15	-387.78	-3.018e+04
95	87	2.488e+04	191.91	0.01	-1.47	0.0	-1851.24	-3034.66	37.40	353.27	-1266.74	2.488e+04
		-3.183e+04	-1266.74	-1.76e-03		19.5	-1851.24	-1447.13	37.40	427.95	-537.42	-1.875e+04
						39.0	-1851.24	99.87	37.40	504.92	191.91	-3.182e+04
95	91	2.303e+04	-387.78	0.01	-1.39	0.0	-1813.24	-2858.06	32.58	125.41	-1658.31	2.303e+04
		-3.021e+04	-1658.31	-1.41e-03		19.5	-1813.24	-1357.99	32.58	196.76	-1023.04	-1.802e+04
						39.0	-1813.24	104.62	32.58	269.15	-387.78	-3.018e+04
95	92	2.414e+04	-39.97	0.01	-1.44	0.0	-1836.04	-2964.02	35.47	262.13	-1423.37	2.414e+04
		-3.118e+04	-1423.37	-1.62e-03		19.5	-1836.04	-1411.47	35.47	335.48	-731.67	-1.845e+04
						39.0	-1836.04	101.77	35.47	410.61	-39.97	-3.116e+04
96	1	5.425e+04	-1638.30	0.02	-1.74	0.0	-30.32	-2546.51	27.99	1138.62	-2785.90	5.425e+04
		2.064e+04	-2785.90	-1.80e-03		20.5	-30.32	-574.04	27.99	1217.53	-2212.10	2.234e+04
						41.0	-30.32	1353.73	27.99	1302.97	-1638.30	3.041e+04
96	4	6.421e+04	-133.44	0.02	-1.99	0.0	222.33	-2952.96	41.15	2032.48	-1820.79	6.421e+04
		2.508e+04	-1820.79	-3.06e-03		20.5	222.33	-675.03	41.15	2113.82	-977.12	2.710e+04
						41.0	222.33	1549.92	41.15	2206.51	-133.44	3.617e+04
96	5	4.038e+04	-1492.94	0.01	-1.31	0.0	-61.60	-1906.71	19.73	744.08	-2301.83	4.038e+04
		1.522e+04	-2301.83	-1.20e-03		20.5	-61.60	-429.17	19.73	805.15	-1897.39	1.649e+04

96	7	4.950e+04	14.34	0.02	-1.53	41.0	-61.60	1015.25	19.73	870.55	-1492.94	2.256e+04
		1.958e+04	-1428.03	-2.46e-03		0.0	190.76	-2260.72	35.18	1674.74	-1428.03	4.950e+04
						20.5	190.76	-514.64	35.18	1736.17	-706.84	2.112e+04
96	15	4.932e+04	9013.26	-0.03	-1.44	41.0	190.76	1190.34	35.18	1806.92	14.34	2.812e+04
		2.296e+04	4586.48	-1.15e-03		0.0	526.74	-1926.43	-111.85	316.93	9013.26	4.932e+04
						20.5	526.74	-415.22	-111.85	265.12	6799.87	2.410e+04
96	18	3.661e+04	-6706.40	0.03	-1.31	41.0	526.74	1162.01	-111.85	213.33	4586.48	3.173e+04
		9906.42	-1.309e+04	-1.97e-03		0.0	-505.73	-2087.54	159.53	1692.47	-1.309e+04	3.661e+04
						20.5	-505.73	-491.33	159.53	1866.14	-9897.12	1.151e+04
96	20	4.562e+04	4491.16	0.03	-1.34	41.0	-505.73	968.00	159.53	2051.24	-6706.40	1.655e+04
		2.041e+04	3907.49	-3.29e-03		0.0	535.66	-2037.99	-5.03	1332.87	4491.16	4.562e+04
						20.5	535.66	-422.24	-5.03	1449.49	4199.32	2.158e+04
96	21	4.031e+04	-6027.40	-0.03	-1.41	41.0	535.66	1066.94	-5.03	1573.10	3907.49	2.830e+04
		1.252e+04	-8565.74	2.14e-04		0.0	-514.65	-1975.98	52.71	676.52	-8565.74	4.031e+04
						20.5	-514.65	-484.31	52.71	681.77	-7296.57	1.403e+04
96	22	3.649e+04	-6729.49	0.03	-1.31	41.0	-514.65	1063.08	52.71	691.46	6027.40	1.998e+04
		9741.72	-1.259e+04	-1.98e-03		0.0	-442.57	-2085.65	153.19	1588.59	-1.259e+04	3.649e+04
						20.5	-442.57	-490.06	153.19	1758.59	-9659.94	1.136e+04
96	39	5.071e+04	7232.67	-0.08	-1.54	41.0	-442.57	967.18	153.19	1939.74	-6729.49	1.637e+04
		2.258e+04	1705.75	1.84e-03		0.0	37.12	-1817.06	-167.36	-553.77	7232.67	5.071e+04
						20.5	37.12	-433.50	-167.36	-775.44	4469.21	2.379e+04
96	47	5.159e+04	1.295e+04	-0.04	-1.46	41.0	37.12	1239.81	-167.36	-1003.18	1705.75	3.195e+04
		2.527e+04	6596.62	-1.00e-03		0.0	710.52	-1897.75	-160.16	72.08	1.295e+04	5.159e+04
						20.5	710.52	-401.68	-160.16	-19.86	9771.94	2.634e+04
96	50	3.435e+04	-8716.53	0.04	-1.30	41.0	710.52	1196.54	-160.16	-113.82	6596.62	3.443e+04
		7548.66	-1.702e+04	-2.11e-03		0.0	-689.51	-2116.21	207.83	1937.31	-1.702e+04	3.435e+04
						20.5	-689.51	-504.87	207.83	2151.12	-1.287e+04	9269.00
96	52	4.657e+04	6815.29	0.04	-1.33	41.0	-689.51	933.47	207.83	2378.38	-8716.53	1.385e+04
		2.181e+04	5675.90	-3.90e-03		0.0	722.61	-2049.02	-15.31	1449.70	6815.29	4.657e+04
						20.5	722.61	-411.20	-15.31	1586.15	6245.59	2.293e+04
96	53	3.937e+04	-7795.81	-0.04	-1.42	41.0	722.61	1067.62	-15.31	1730.03	5675.90	2.978e+04
		1.110e+04	-1.089e+04	7.88e-04		0.0	-701.60	-1964.94	62.99	559.69	-1.089e+04	3.937e+04
						20.5	-701.60	-495.35	62.99	545.11	-9342.84	1.268e+04
96	54	3.418e+04	-8747.85	0.04	-1.30	41.0	-701.60	1062.39	62.99	534.53	-7795.81	1.850e+04
		7325.34	-1.635e+04	-2.13e-03		0.0	-603.87	-2113.65	199.24	1796.46	-1.635e+04	3.418e+04
						20.5	-603.87	-503.16	199.24	2005.29	-1.255e+04	9058.84
96	71	5.347e+04	1.053e+04	-0.10	-1.60	41.0	-603.87	932.35	199.24	2227.19	-8747.85	1.360e+04
		2.475e+04	2690.34	3.05e-03		0.0	46.59	-1749.44	-235.43	-1108.59	1.053e+04	5.347e+04
						20.5	46.59	-426.47	-235.43	-1430.86	6611.55	2.592e+04
96	79	4.114e+04	-1361.41	0.01	-1.33	41.0	46.59	1302.04	-235.43	-1763.40	2690.34	3.472e+04
		1.559e+04	-2212.05	-1.30e-03		0.0	-39.97	-1936.18	20.75	818.56	-2212.05	4.114e+04
						20.5	-39.97	-436.18	20.75	879.43	-1786.73	1.688e+04
96	81	4.722e+04	-356.56	0.01	-1.47	41.0	-39.97	1029.99	20.75	945.01	-1361.41	2.303e+04
		1.850e+04	-1629.52	-2.14e-03		0.0	128.28	-2172.19	31.05	1439.01	-1629.52	4.722e+04
						20.5	128.28	-493.16	31.05	1500.10	-993.04	1.997e+04
96	82	4.778e+04	-358.17	0.01	-1.49	41.0	128.28	1146.71	31.05	1569.25	-356.56	2.674e+04
		1.855e+04	-1568.65	-2.14e-03		0.0	128.47	-2207.15	29.52	1414.47	-1568.65	4.778e+04
						20.5	128.47	-503.50	29.52	1476.96	-963.41	2.006e+04
96	86	4.114e+04	-1361.41	0.01	-1.33	41.0	128.47	1160.78	29.52	1547.37	-358.17	2.687e+04
		1.559e+04	-2212.05	-1.30e-03		0.0	-39.97	-1936.18	20.75	818.56	-2212.05	4.114e+04
						20.5	-39.97	-436.18	20.75	879.43	-1786.73	1.688e+04
96	87	4.418e+04	-858.98	0.01	-1.40	41.0	-39.97	1029.99	20.75	945.01	-1361.41	2.303e+04
		1.705e+04	-1920.79	-1.72e-03		0.0	44.16	-2054.18	25.90	1128.79	-1920.79	4.418e+04
						20.5	44.16	-464.67	25.90	1189.77	-1389.89	1.842e+04
96	91	4.114e+04	-1361.41	0.01	-1.33	41.0	44.16	1088.35	25.90	1257.13	-858.98	2.488e+04
		1.559e+04	-2212.05	-1.30e-03		0.0	-39.97	-1936.18	20.75	818.56	-2212.05	4.114e+04
						20.5	-39.97	-436.18	20.75	879.43	-1786.73	1.688e+04
96	92	4.297e+04	-1059.96	0.01	-1.37	41.0	-39.97	1029.99	20.75	945.01	-1361.41	2.303e+04
		1.646e+04	-2037.29	-1.56e-03		0.0	10.51	-2006.98	23.84	1004.70	-2037.29	4.297e+04
						20.5	10.51	-453.28	23.84	1065.63	-1548.62	1.781e+04
97	1	5.425e+04	-1202.40	9.81e-03	-1.58	41.0	10.51	1065.01	23.84	1132.28	-1059.96	2.414e+04
		3.290e+04	-2465.17	-1.55e-03		0.0	809.90	-1634.35	30.80	2220.18	-2465.17	4.816e+04
						20.5	809.90	152.45	30.80	2271.02	-1833.79	3.300e+04
97	4	6.421e+04	399.34	0.01	-1.81	41.0	809.90	1915.70	30.80	2332.67	-1202.40	5.425e+04
		3.966e+04	-1632.10	-2.96e-03		0.0	1236.42	-1897.74	49.55	3460.52	-1632.10	5.743e+04
						20.5	1236.42	169.79	49.55	3502.61	-616.38	3.976e+04
97	5	4.038e+04	-1173.65	7.26e-03	-1.19	41.0	1236.42	2209.56	49.55	3561.36	399.34	6.421e+04
		2.438e+04	-2040.73	-9.85e-04		0.0	561.96	-1222.99	21.15	1527.70	-2040.73	3.580e+04
						20.5	561.96	114.67	21.15	1568.73	-1607.19	2.446e+04
97	8	5.033e+04	428.09	9.01e-03	-1.41	41.0	561.96	1434.88	21.15	1617.22	-1173.65	4.038e+04
		3.114e+04	-1207.66	-2.40e-03		0.0	988.47	-1486.38	39.90	2768.04	-1207.66	4.507e+04
						20.5	988.47	132.01	39.90	2800.32	-389.78	3.122e+04
97	20	4.562e+04	6442.90	0.03	-1.21	41.0	988.47	1728.74	39.90	2845.91	428.09	5.033e+04
		2.841e+04	5900.64	-6.75e-03		0.0	1182.50	-1301.67	-12.84	2185.03	6442.90	3.941e+04
						20.5	1182.50	152.75	-12.84	2306.69	6171.77	2.859e+04
97	21	4.031e+04	-7362.39	-0.03	-1.28	41.0	1182.50	1505.52	-12.84	2437.98	5900.64	4.562e+04
						0.0	173.96	-1275.53	66.69	1579.60	-1.011e+04	3.699e+04

		2.390e+04	-1.011e+04	3.99e-03			20.5	173.96	86.06	66.69	1533.50	-8737.44	2.390e+04
							41.0	173.96	1512.01	66.69	1496.03	-7362.39	4.031e+04
97	31	5.030e+04	1.795e+04	-0.07	-1.40		0.0	692.06	-1112.87	-255.50	-862.42	1.795e+04	4.513e+04
		3.160e+04	7525.11	-2.53e-04			20.5	692.06	139.86	-255.50	-1049.86	1.274e+04	3.168e+04
							41.0	692.06	1682.37	-255.50	-1242.82	7525.11	5.030e+04
97	34	3.563e+04	-8986.86	0.08	-1.12		0.0	664.40	-1464.33	309.35	4627.06	-2.162e+04	3.127e+04
		2.072e+04	-2.162e+04	-2.66e-03			20.5	664.40	98.96	309.35	4890.05	-1.530e+04	2.080e+04
							41.0	664.40	1335.16	309.35	5176.83	-8986.86	3.563e+04
97	39	5.071e+04	1.549e+04	-0.07	-1.40		0.0	630.76	-1122.98	-229.05	-581.77	1.549e+04	4.518e+04
		3.182e+04	6208.15	1.48e-04			20.5	630.76	143.02	-229.05	-763.53	1.085e+04	3.193e+04
							41.0	630.76	1689.84	-229.05	-949.58	6208.15	5.071e+04
97	42	3.522e+04	-7669.90	0.07	-1.12		0.0	725.70	-1454.23	282.90	4346.40	-1.916e+04	3.122e+04
		2.049e+04	-1.916e+04	-2.91e-03			20.5	725.70	95.80	282.90	4603.71	-1.342e+04	2.055e+04
							41.0	725.70	1327.69	282.90	4883.59	-7669.90	3.522e+04
97	52	4.657e+04	9389.77	0.03	-1.20		0.0	1362.02	-1306.33	-27.00	2292.79	9389.77	3.983e+04
		2.921e+04	8261.46	-8.67e-03			20.5	1362.02	164.63	-27.00	2444.32	8825.62	2.942e+04
							41.0	1362.02	1504.37	-27.00	2605.64	8261.46	4.657e+04
97	53	3.937e+04	-9723.21	-0.04	-1.29		0.0	-5.56	-1270.88	80.85	1471.84	-1.306e+04	3.656e+04
		2.306e+04	-1.306e+04	5.90e-03			20.5	-5.56	74.19	80.85	1395.87	-1.139e+04	2.306e+04
							41.0	-5.56	1513.16	80.85	1328.37	-9723.21	3.937e+04
97	63	5.291e+04	2.499e+04	-0.10	-1.45		0.0	696.98	-1050.32	-356.04	-1839.55	2.499e+04	4.759e+04
		3.354e+04	1.046e+04	3.45e-04			20.5	696.98	147.14	-356.04	-2107.16	1.773e+04	3.362e+04
							41.0	696.98	1744.17	-356.04	-2385.51	1.046e+04	5.291e+04
97	66	3.302e+04	-1.193e+04	0.10	-1.08		0.0	659.48	-1526.89	409.89	5604.18	-2.866e+04	2.881e+04
		1.878e+04	-2.866e+04	-3.11e-03			20.5	659.48	91.68	409.89	5947.35	-2.029e+04	1.886e+04
							41.0	659.48	1273.36	409.89	6319.52	-1.193e+04	3.302e+04
97	71	5.347e+04	2.166e+04	-0.10	-1.45		0.0	613.87	-1064.01	-320.17	-1458.98	2.166e+04	4.766e+04
		3.384e+04	8678.45	6.93e-04			20.5	613.87	151.42	-320.17	-1718.89	1.517e+04	3.395e+04
							41.0	613.87	1754.30	-320.17	-1987.89	8678.45	5.347e+04
97	74	3.246e+04	-1.014e+04	0.10	-1.08		0.0	742.59	-1513.20	374.02	5223.61	-2.533e+04	2.873e+04
		1.848e+04	-2.533e+04	-3.46e-03			20.5	742.59	87.39	374.02	5559.08	-1.774e+04	1.853e+04
							41.0	742.59	1263.23	374.02	5921.90	-1.014e+04	3.246e+04
97	79	4.114e+04	-1033.06	7.42e-03	-1.20		0.0	596.46	-1242.32	22.59	1629.51	-1959.09	3.650e+04
		2.490e+04	-1959.09	-1.10e-03			20.5	596.46	116.14	22.59	1669.46	-1496.08	2.498e+04
							41.0	596.46	1456.77	22.59	1717.34	-1033.06	4.114e+04
97	82	4.778e+04	34.76	8.59e-03	-1.36		0.0	880.81	-1417.91	35.08	2456.41	-1403.70	4.268e+04
		2.941e+04	-1403.70	-2.04e-03			20.5	880.81	127.70	35.08	2490.52	-684.47	2.949e+04
							41.0	880.81	1652.68	35.08	2536.47	34.76	4.778e+04
97	86	4.114e+04	-1033.06	7.42e-03	-1.20		0.0	596.46	-1242.32	22.59	1629.51	-1959.09	3.650e+04
		2.490e+04	-1959.09	-1.10e-03			20.5	596.46	116.14	22.59	1669.46	-1496.08	2.498e+04
							41.0	596.46	1456.77	22.59	1717.34	-1033.06	4.114e+04
97	87	4.418e+04	-529.41	8.00e-03	-1.27		0.0	732.74	-1319.46	29.82	2050.85	-1751.94	3.933e+04
		2.700e+04	-1751.94	-1.57e-03			20.5	732.74	121.59	29.82	2087.19	-1140.68	2.708e+04
							41.0	732.74	1543.43	29.82	2133.45	-529.41	4.418e+04
97	91	4.114e+04	-1033.06	7.42e-03	-1.20		0.0	596.46	-1242.32	22.59	1629.51	-1959.09	3.650e+04
		2.490e+04	-1959.09	-1.10e-03			20.5	596.46	116.14	22.59	1669.46	-1496.08	2.498e+04
							41.0	596.46	1456.77	22.59	1717.34	-1033.06	4.114e+04
97	92	4.297e+04	-730.87	7.76e-03	-1.24		0.0	678.23	-1288.60	26.92	1882.32	-1834.80	3.820e+04
		2.616e+04	-1834.80	-1.38e-03			20.5	678.23	119.41	26.92	1920.09	-1282.84	2.624e+04
							41.0	678.23	1508.77	26.92	1967.01	-730.87	4.297e+04
98	4	1.828e+04	4.527e+04	3.02e-04	-1.55		0.0	612.29	-1327.58	1190.59	4.418e+04	-7115.78	-5255.90
		-1.564e+04	-7115.78	-2.37e-03			22.0	612.29	534.76	1190.59	4.404e+04	1.908e+04	-1.398e+04
							44.0	612.29	2397.56	1190.59	4.411e+04	4.527e+04	1.828e+04
98	5	1.397e+04	1.828e+04	5.45e-04	-1.01		0.0	393.23	-829.05	480.69	2.740e+04	-2866.52	-2399.29
		-8642.94	-2866.52	-6.45e-04			22.0	393.23	372.22	480.69	2.731e+04	7708.74	-7421.15
							44.0	393.23	1572.46	480.69	2.735e+04	1.828e+04	1.397e+04
98	9	1.885e+04	2.793e+04	6.70e-04	-1.39		0.0	550.63	-1159.18	746.26	3.811e+04	-4909.40	-3412.60
		-1.223e+04	-4909.40	-1.14e-03			22.0	550.63	506.08	746.26	3.799e+04	1.151e+04	-1.059e+04
							44.0	550.63	2170.08	746.26	3.806e+04	2.793e+04	1.885e+04
98	15	1.588e+04	2.446e+04	-0.02	-1.11		0.0	605.80	-809.92	1034.44	2.646e+04	-2.158e+04	-558.06
		-7990.56	-2.158e+04	-4.39e-03			22.0	605.80	467.55	1034.44	2.631e+04	1438.39	-6741.88
							44.0	605.80	1777.72	1034.44	2.629e+04	2.446e+04	1.588e+04
98	31	1.540e+04	4953.91	-0.06	-1.18		0.0	634.53	-808.34	573.57	2.459e+04	-2.163e+04	1937.97
		-4963.04	-2.163e+04	-2.61e-03			22.0	634.53	485.59	573.57	2.450e+04	-8337.63	-4062.80
							44.0	634.53	1881.62	573.57	2.452e+04	4953.91	1.540e+04
98	34	1.244e+04	4.163e+04	0.06	-0.96		0.0	194.48	-957.92	649.36	3.399e+04	1.441e+04	-7758.78
		-1.443e+04	1.441e+04	6.09e-04			22.0	194.48	279.63	649.36	3.389e+04	2.802e+04	-1.276e+04
							44.0	194.48	1413.93	649.36	3.395e+04	4.163e+04	1.244e+04
98	38	1.262e+04	4.192e+04	0.06	-0.96		0.0	206.45	-955.46	680.81	3.392e+04	1.332e+04	-7828.40
		-1.452e+04	1.332e+04	3.93e-04			22.0	206.45	282.49	680.81	3.382e+04	2.762e+04	-1.275e+04
							44.0	206.45	1417.32	680.81	3.388e+04	4.192e+04	1.262e+04
98	40	1.373e+04	4.680e+04	0.06	-0.97		0.0	304.70	-922.82	1007.95	3.302e+04	3683.21	-6860.76
		-1.391e+04	3683.21	-3.37e-03			22.0	304.70	314.79	1007.95	3.288e+04	2.524e+04	-1.219e+04
							44.0	304.70	1453.76	1007.95	3.290e+04	4.680e+04	1.373e+04
98	47	1.658e+04	2.487e+04	-0.03	-1.13		0.0	673.90	-783.85	1185.02	2.546e+04	-2.798e+04	279.40
		-7400.51	-2.798e+04	-5.59e-03			22.0	673.90	497.79	1185.02	2.529e+04	-1553.15	-6146.79
							44.0	673.90	1823.97	1185.02	2.524e+04	2.487e+04	1.658e+04

98	63	1.593e+04	-1575.09	-0.08	-1.22	0.0	712.86	-781.72	560.08	2.292e+04	-2.804e+04	3664.05
		-3295.19	-2.804e+04	-3.18e-03		22.0	712.86	522.26	560.08	2.283e+04	-1.481e+04	-2513.95
						44.0	712.86	1964.87	560.08	2.284e+04	-1575.09	1.593e+04
98	66	1.192e+04	4.816e+04	0.08	-0.92	0.0	116.15	-984.54	662.85	3.567e+04	2.082e+04	-9484.86
		-1.614e+04	2.082e+04	1.18e-03		22.0	116.15	242.96	662.85	3.557e+04	3.449e+04	-1.431e+04
						44.0	116.15	1330.68	662.85	3.563e+04	4.816e+04	1.192e+04
98	70	1.216e+04	4.855e+04	0.08	-0.93	0.0	132.38	-981.21	705.49	3.557e+04	1.935e+04	-9579.26
		-1.626e+04	1.935e+04	8.90e-04		22.0	132.38	246.84	705.49	3.547e+04	3.395e+04	-1.429e+04
						44.0	132.38	1335.28	705.49	3.553e+04	4.855e+04	1.216e+04
98	72	1.366e+04	5.517e+04	0.08	-0.94	0.0	265.61	-936.95	1149.10	3.434e+04	6279.81	-8266.97
		-1.543e+04	6279.81	-4.21e-03		22.0	265.61	290.66	1149.10	3.419e+04	3.072e+04	-1.354e+04
						44.0	265.61	1384.70	1149.10	3.420e+04	5.517e+04	1.366e+04
98	79	1.396e+04	1.975e+04	4.79e-04	-1.03	0.0	399.72	-844.97	519.36	2.796e+04	-3106.17	-2546.18
		-8934.60	-3106.17	-7.50e-04		22.0	399.72	375.38	519.36	2.787e+04	8319.65	-7708.58
						44.0	399.72	1594.84	519.36	2.791e+04	1.975e+04	1.396e+04
98	82	1.405e+04	3.184e+04	1.98e-04	-1.16	0.0	457.16	-987.10	837.20	3.281e+04	-4998.24	-3745.50
		-1.142e+04	-4998.24	-1.61e-03		22.0	457.16	404.45	837.20	3.271e+04	1.342e+04	-1.015e+04
						44.0	457.16	1796.10	837.20	3.276e+04	3.184e+04	1.405e+04
98	83	1.443e+04	2.028e+04	5.54e-04	-1.06	0.0	416.06	-874.83	540.98	2.876e+04	-3527.32	-2516.63
		-9151.20	-3527.32	-7.87e-04		22.0	416.06	385.33	540.98	2.868e+04	8374.24	-7897.79
						44.0	416.06	1644.44	540.98	2.872e+04	2.028e+04	1.443e+04
98	86	1.396e+04	1.975e+04	4.79e-04	-1.03	0.0	399.72	-844.97	519.36	2.796e+04	-3106.17	-2546.18
		-8934.60	-3106.17	-7.50e-04		22.0	399.72	375.38	519.36	2.787e+04	8319.65	-7708.58
						44.0	399.72	1594.84	519.36	2.791e+04	1.975e+04	1.396e+04
98	87	1.389e+04	2.566e+04	2.37e-04	-1.09	0.0	424.36	-908.57	672.87	3.018e+04	-3946.92	-3153.23
		-1.012e+04	-3946.92	-1.17e-03		22.0	424.36	387.43	672.87	3.008e+04	1.086e+04	-8883.45
						44.0	424.36	1683.07	672.87	3.013e+04	2.566e+04	1.389e+04
98	88	1.406e+04	1.985e+04	4.94e-04	-1.03	0.0	402.99	-850.94	523.68	2.812e+04	-3190.40	-2540.27
		-8977.92	-3190.40	-7.58e-04		22.0	402.99	377.37	523.68	2.803e+04	8330.57	-7746.42
						44.0	402.99	1604.76	523.68	2.807e+04	1.985e+04	1.406e+04
98	91	1.396e+04	1.975e+04	4.79e-04	-1.03	0.0	399.72	-844.97	519.36	2.796e+04	-3106.17	-2546.18
		-8934.60	-3106.17	-7.50e-04		22.0	399.72	375.38	519.36	2.787e+04	8319.65	-7708.58
						44.0	399.72	1594.84	519.36	2.791e+04	1.975e+04	1.396e+04
98	92	1.392e+04	2.329e+04	3.34e-04	-1.06	0.0	414.51	-883.13	611.47	2.929e+04	-3610.62	-2910.41
		-9648.00	-3610.62	-1.00e-03		22.0	414.51	382.61	611.47	2.920e+04	9841.62	-8413.50
						44.0	414.51	1647.78	611.47	2.924e+04	2.329e+04	1.392e+04
144	4	4.874e+04	-6344.03	-2.58e-03	-2.15	0.0	1252.75	-3173.64	98.74	4559.54	-1.243e+04	1.496e+04
		-2.665e+04	-1.243e+04	2.11e-03		30.8	1252.75	549.70	98.74	4297.32	-9388.80	-2.543e+04
						61.7	1252.75	4260.60	98.74	4104.55	-6344.03	4.874e+04
144	5	3.281e+04	-4974.26	-1.73e-03	-1.45	0.0	879.68	-2119.54	78.41	3123.24	-9809.52	1.015e+04
		-1.763e+04	-9809.52	1.53e-03		30.8	879.68	368.79	78.41	2941.30	-7391.89	-1.680e+04
						61.7	879.68	2848.76	78.41	2806.89	-4974.26	3.281e+04
144	7	3.739e+04	-4808.53	-2.07e-03	-1.65	0.0	956.12	-2439.89	74.30	3484.70	-9390.87	1.152e+04
		-2.049e+04	-9390.87	1.64e-03		30.8	956.12	421.13	74.30	3283.13	-7099.70	-1.956e+04
						61.7	956.12	3272.06	74.30	3134.63	-4808.53	3.739e+04
144	9	4.470e+04	-6582.29	-2.08e-03	-1.97	0.0	1192.47	-2883.17	104.61	4253.50	-1.303e+04	1.370e+04
		-2.405e+04	-1.303e+04	1.99e-03		30.8	1192.47	504.25	104.61	4010.32	-9807.97	-2.292e+04
						61.7	1192.47	3881.77	104.61	3831.95	-6582.29	4.470e+04
144	18	3.130e+04	1211.70	0.04	-1.33	0.0	704.95	-2482.97	95.30	4921.20	-4840.55	7575.07
		-2.288e+04	-4840.55	-3.74e-03		30.8	704.95	312.82	95.30	4864.33	-1814.43	-2.183e+04
						61.7	704.95	2589.12	95.30	4887.46	1211.70	3.130e+04
144	24	3.470e+04	-1.129e+04	-0.04	-1.55	0.0	1157.33	-2201.99	165.51	2162.17	-2.055e+04	1.212e+04
		-1.588e+04	-2.055e+04	4.39e-03		30.8	1157.33	448.41	165.51	2131.40	-1.592e+04	-1.526e+04
						61.7	1157.33	3093.60	165.51	2134.40	-1.129e+04	3.470e+04
144	25	3.359e+04	1435.25	0.04	-1.47	0.0	647.01	-2224.38	-11.07	4300.60	1169.33	8974.95
		-2.105e+04	1169.33	-1.27e-03		30.8	647.01	319.72	-11.07	3954.85	1302.29	-1.996e+04
						61.7	647.01	2851.02	-11.07	3673.69	1435.25	3.359e+04
144	31	3.813e+04	-412.88	-0.02	-1.79	0.0	893.24	-1801.41	-122.33	1618.62	-412.88	1.405e+04
		-1.486e+04	-8111.64	6.77e-03		30.8	893.24	417.38	-122.33	890.86	-4262.26	-1.402e+04
						61.7	893.24	3428.93	-122.33	176.28	-8111.64	3.813e+04
144	40	3.136e+04	-4224.73	-0.01	-1.35	0.0	1032.10	-2542.91	334.18	4376.66	-2.488e+04	7684.26
		-1.963e+04	-2.488e+04	-2.63e-03		30.8	1032.10	394.51	334.18	4776.81	-1.455e+04	-1.892e+04
						61.7	1032.10	2687.12	334.18	5254.98	-4224.73	3.136e+04
144	41	3.693e+04	5503.51	0.02	-1.71	0.0	772.25	-1883.46	-179.74	2086.11	5503.51	1.341e+04
		-1.730e+04	-5632.02	5.75e-03		30.8	772.25	373.62	-179.74	1309.44	-64.26	-1.629e+04
						61.7	772.25	3257.50	-179.74	553.11	-5632.02	3.693e+04
144	50	3.029e+04	3397.57	0.06	-1.28	0.0	634.74	-2579.01	101.74	5522.77	-3114.03	6516.48
		-2.445e+04	-3114.03	-5.62e-03		30.8	634.74	287.46	101.74	5512.67	141.77	-2.333e+04
						61.7	634.74	2452.71	101.74	5593.55	3397.57	3.029e+04
144	56	3.490e+04	-1.356e+04	-0.05	-1.56	0.0	1248.17	-2198.00	196.94	1781.52	-2.442e+04	1.268e+04
		-1.496e+04	-2.442e+04	5.40e-03		30.8	1248.17	471.31	196.94	1806.83	-1.899e+04	-1.442e+04
						61.7	1248.17	3136.78	196.94	1860.41	-1.356e+04	3.490e+04
144	57	3.339e+04	5035.36	0.05	-1.47	0.0	556.17	-2228.37	-42.51	4681.24	5035.36	8414.68
		-2.197e+04	3700.71	-2.28e-03		30.8	556.17	296.82	-42.51	4279.42	4368.03	-2.079e+04
						61.7	556.17	2807.84	-42.51	3947.68	3700.71	3.339e+04
144	63	3.955e+04	2889.87	-0.02	-1.88	0.0	890.06	-1654.82	-193.36	1044.48	2889.87	1.530e+04
		-1.357e+04	-9244.88	8.62e-03		30.8	890.06	429.25	-193.36	124.65	-3177.51	-1.274e+04

144	72	3.037e+04	-3974.24	-0.02	-1.30	61.7	890.06	3591.48	-193.36	-794.80	-9244.88	3.955e+04
		-2.005e+04	-3.029e+04	-4.12e-03		0.0	1078.35	-2660.29	425.65	4784.37	-3.029e+04	6664.51
						30.8	1078.35	398.23	425.65	5394.00	-1.713e+04	-1.939e+04
144	73	3.792e+04	1.091e+04	0.02	-1.78	61.7	1078.35	2585.59	425.65	6091.91	-3974.24	3.037e+04
		-1.689e+04	-5882.51	7.24e-03		0.0	726.00	-1766.08	-271.22	1678.39	1.091e+04	1.443e+04
						30.8	726.00	369.90	-271.22	692.25	2514.99	-1.582e+04
144	79	3.323e+04	-4961.52	-1.79e-03	-1.47	61.7	726.00	3359.03	-271.22	-283.81	-5882.51	3.792e+04
		-1.789e+04	-9774.03	1.54e-03		0.0	886.88	-2149.12	78.04	3159.09	-9774.03	1.027e+04
						30.8	886.88	373.60	78.04	2974.76	-7367.78	-1.706e+04
144	81	3.628e+04	-4851.03	-2.02e-03	-1.61	61.7	886.88	2887.65	78.04	2838.50	-4961.52	3.323e+04
		-1.980e+04	-9494.94	1.61e-03		0.0	937.84	-2362.68	75.30	3400.06	-9494.94	1.119e+04
						30.8	937.84	408.49	75.30	3202.65	-7172.98	1.189e+04
144	82	3.664e+04	-4899.38	-1.92e-03	-1.62	61.7	937.84	3169.85	75.30	3056.99	-4851.03	3.628e+04
		-1.998e+04	-9615.90	1.61e-03		0.0	948.61	-2382.59	76.48	3437.01	-9615.90	1.126e+04
						30.8	948.61	413.08	76.48	3239.21	-7257.64	-1.906e+04
144	83	3.395e+04	-5058.22	-1.59e-03	-1.50	61.7	948.61	3199.49	76.48	3093.76	-4899.38	3.664e+04
		-1.825e+04	-1.002e+04	1.53e-03		0.0	908.43	-2188.95	80.39	3232.98	-1.002e+04	1.042e+04
						30.8	908.43	382.78	80.39	3047.87	-7537.09	-1.739e+04
144	86	3.323e+04	-4961.52	-1.79e-03	-1.47	61.7	908.43	2946.94	80.39	2912.02	-5058.22	3.395e+04
		-1.789e+04	-9774.03	1.54e-03		0.0	886.88	-2149.12	78.04	3159.09	-9774.03	1.027e+04
						30.8	886.88	373.60	78.04	2974.76	-7367.78	-1.706e+04
144	87	3.476e+04	-4906.28	-1.90e-03	-1.54	61.7	886.88	2887.65	78.04	2838.50	-4961.52	3.323e+04
		-1.885e+04	-9634.48	1.58e-03		0.0	912.36	-2255.90	76.67	3279.58	-9634.48	1.073e+04
						30.8	912.36	391.04	76.67	3088.70	-7270.38	-1.797e+04
144	88	3.337e+04	-4980.86	-1.75e-03	-1.47	61.7	912.36	3028.75	76.67	2947.75	-4906.28	3.476e+04
		-1.796e+04	-9822.42	1.54e-03		0.0	891.19	-2157.08	78.51	3173.87	-9822.42	1.030e+04
						30.8	891.19	375.43	78.51	2989.38	-7401.64	-1.712e+04
144	91	3.323e+04	-4961.52	-1.79e-03	-1.47	61.7	891.19	2899.51	78.51	2853.20	-4980.86	3.337e+04
		-1.789e+04	-9774.03	1.54e-03		0.0	886.88	-2149.12	78.04	3159.09	-9774.03	1.027e+04
						30.8	886.88	373.60	78.04	2974.76	-7367.78	-1.706e+04
144	92	3.414e+04	-4928.38	-1.86e-03	-1.51	61.7	886.88	2887.65	78.04	2838.50	-4961.52	3.323e+04
		-1.846e+04	-9690.30	1.56e-03		0.0	902.17	-2213.19	77.22	3231.38	-9690.30	1.055e+04
						30.8	902.17	384.06	77.22	3043.12	-7309.34	-1.761e+04
145	4	8.868e+04	-2111.71	7.03e-03	-2.21	61.7	902.17	2972.31	77.22	2904.05	-4928.38	3.414e+04
		8058.58	-6478.42	2.76e-04		0.0	1557.44	-3193.34	70.82	2489.08	-6478.42	4.873e+04
						30.8	1557.44	653.97	70.82	2344.18	-4295.07	9655.79
145	5	5.966e+04	-1718.47	4.81e-03	-1.49	61.7	1557.44	4463.52	70.82	2238.63	-2111.71	8.868e+04
		5688.10	-5079.72	1.43e-04		0.0	1101.66	-2131.85	54.51	1719.08	-5079.72	3.280e+04
						30.8	1101.66	439.81	54.51	1617.46	-3399.09	6766.10
145	7	6.801e+04	-1594.43	5.48e-03	-1.70	61.7	1101.66	2985.62	54.51	1542.98	-1718.47	5.966e+04
		6120.14	-4913.14	2.38e-04		0.0	1184.79	-2453.71	53.82	1907.23	-4913.14	3.738e+04
						30.8	1184.79	501.51	53.82	1795.29	-3253.78	7343.91
145	9	8.135e+04	-2259.43	6.27e-03	-2.03	61.7	1184.79	3427.30	53.82	1713.49	-1594.43	6.801e+04
		7767.96	-6717.40	1.72e-04		0.0	1498.54	-2903.65	72.30	2324.31	-6717.40	4.469e+04
						30.8	1498.54	599.93	72.30	2190.70	-4488.41	9239.29
145	22	5.846e+04	3715.64	0.04	-1.39	61.7	1498.54	4069.86	72.30	2093.86	-2259.43	8.135e+04
		4624.46	-18.90	-1.48e-03		0.0	933.20	-2507.08	57.31	2542.01	-18.90	3.133e+04
						30.8	933.20	438.83	57.31	2640.87	1848.37	5743.25
145	24	6.151e+04	-4783.39	-0.03	-1.57	61.7	933.20	2823.93	57.31	2787.31	3715.64	5.846e+04
		6296.41	-1.149e+04	5.31e-03		0.0	1379.20	-2167.17	110.75	1556.88	-1.149e+04	3.469e+04
						30.8	1379.20	448.23	110.75	1593.22	-8135.93	7487.31
145	25	6.267e+04	1422.65	0.04	-1.53	61.7	1379.20	3124.46	110.75	1653.65	-4783.39	6.151e+04
		5331.37	1415.14	-5.13e-03		0.0	872.97	-2284.32	-2.13	1993.72	1422.65	3.358e+04
						30.8	872.97	467.24	-2.13	1747.00	1418.90	6381.00
145	39	6.892e+04	-5825.17	-0.02	-1.82	61.7	872.97	3103.91	-2.13	1532.26	1415.14	6.267e+04
		6992.06	-9738.16	5.56e-03		0.0	1105.18	-1850.57	-56.89	826.53	-5825.17	3.801e+04
						30.8	1105.18	509.22	-56.89	53.25	-7781.67	8016.64
145	46	5.540e+04	6833.72	0.01	-1.35	61.7	1105.18	3573.14	-56.89	-721.08	-9738.16	6.892e+04
		4692.14	-3992.05	-7.34e-03		0.0	1144.89	-2591.64	168.61	2700.83	-3992.05	3.033e+04
						30.8	1144.89	406.01	168.61	3276.46	1420.83	5905.25
145	54	5.716e+04	5637.96	0.05	-1.34	61.7	1144.89	2666.28	168.61	3909.06	6833.72	5.540e+04
		4201.03	1766.09	-2.03e-03		0.0	864.53	-2607.23	58.37	2814.97	1766.09	3.033e+04
						30.8	864.53	432.10	58.37	2986.46	3702.03	5319.28
145	56	6.130e+04	-5886.73	-0.04	-1.59	61.7	864.53	2720.59	58.37	3212.50	5637.96	5.716e+04
		6468.18	-1.379e+04	7.17e-03		0.0	1469.31	-2146.32	130.85	1479.13	-1.379e+04	3.489e+04
						30.8	1469.31	444.85	130.85	1565.85	-9836.69	7684.23
145	57	6.288e+04	3720.83	0.05	-1.52	61.7	1469.31	3128.12	130.85	1675.26	-5886.73	6.130e+04
		5159.60	2518.49	-6.99e-03		0.0	782.86	-2305.18	-22.23	2071.47	3720.83	3.338e+04
						30.8	782.86	470.62	-22.23	1774.37	3119.66	6184.07
145	71	7.136e+04	-6107.21	-0.02	-1.92	61.7	782.86	3100.25	-22.23	1510.65	2518.49	6.288e+04
		7411.48	-1.261e+04	7.50e-03		0.0	1097.73	-1717.01	-96.47	488.76	-6107.21	3.938e+04
						30.8	1097.73	527.55	-96.47	-522.35	-9356.30	8402.00
145	78	5.301e+04	9866.06	0.01	-1.28	61.7	1097.73	3736.52	-96.47	-1544.87	-1.261e+04	7.136e+04
		4292.80	-3621.50	-9.99e-03		0.0	1151.58	-2721.89	209.30	3030.33	-3621.50	2.898e+04
						30.8	1151.58	387.60	209.30	3848.32	3122.28	5538.96
145	79	6.042e+04	-1708.93	4.89e-03	-1.51	61.7	1151.58	2506.83	209.30	4733.59	9866.06	5.301e+04
						0.0	1109.46	-2161.38	54.45	1737.67	-5066.23	3.322e+04

		5727.48	-5066.23	1.49e-04		30.8	1109.46	445.39	54.45	1634.54	-3387.58	6818.59
145	81	6.599e+04	-1626.24	5.34e-03	-1.65	61.7	1109.46	3025.85	54.45	1558.85	-1708.93	6.042e+04
		6015.51	-4955.17	2.10e-04		0.0	1164.88	-2375.95	53.99	1863.10	-4955.17	3.627e+04
						30.8	1164.88	486.53	53.99	1753.10	-3290.71	7203.80
145	82	6.667e+04	-1642.02	5.28e-03	-1.66	61.7	1164.88	3320.30	53.99	1672.53	-1626.24	6.599e+04
		6109.80	-5003.44	1.98e-04		0.0	1181.03	-2397.39	54.52	1878.69	-5003.44	3.664e+04
						30.8	1181.03	491.64	54.52	1769.34	-3322.73	7311.35
145	83	6.178e+04	-1740.50	4.78e-03	-1.54	61.7	1181.03	3352.31	54.52	1689.69	-1642.02	6.667e+04
		5916.05	-5162.76	1.30e-04		0.0	1141.76	-2204.27	55.50	1768.84	-5162.76	3.394e+04
						30.8	1141.76	455.62	55.50	1667.01	-3451.63	7033.68
145	86	6.042e+04	-1708.93	4.89e-03	-1.51	61.7	1141.76	3089.87	55.50	1593.17	-1740.50	6.178e+04
		5727.48	-5066.23	1.49e-04		0.0	1109.46	-2161.38	54.45	1737.67	-5066.23	3.322e+04
						30.8	1109.46	445.39	54.45	1634.54	-3387.58	6818.59
145	87	6.321e+04	-1667.59	5.12e-03	-1.58	61.7	1109.46	3025.85	54.45	1558.85	-1708.93	6.042e+04
		5871.50	-5010.70	1.77e-04		0.0	1137.17	-2268.66	54.22	1800.39	-5010.70	3.475e+04
						30.8	1137.17	465.96	54.22	1693.82	-3339.14	7011.19
145	88	6.069e+04	-1715.25	4.87e-03	-1.52	61.7	1137.17	3173.07	54.22	1615.69	-1667.59	6.321e+04
		5765.19	-5085.53	1.45e-04		0.0	1115.92	-2169.96	54.66	1743.90	-5085.53	3.337e+04
						30.8	1115.92	447.44	54.66	1641.04	-3400.39	6861.61
145	91	6.042e+04	-1708.93	4.89e-03	-1.51	61.7	1115.92	3038.65	54.66	1565.72	-1715.25	6.069e+04
		5727.48	-5066.23	1.49e-04		0.0	1109.46	-2161.38	54.45	1737.67	-5066.23	3.322e+04
						30.8	1109.46	445.39	54.45	1634.54	-3387.58	6818.59
145	92	6.209e+04	-1684.12	5.03e-03	-1.55	61.7	1109.46	3025.85	54.45	1558.85	-1708.93	6.042e+04
		5813.89	-5032.91	1.66e-04		0.0	1126.08	-2225.75	54.31	1775.30	-5032.91	3.414e+04
						30.8	1126.08	457.73	54.31	1670.11	-3358.52	6934.15
146	4	8.869e+04	-1902.91	0.02	-2.33	61.7	1126.08	3114.18	54.31	1592.95	-1684.12	6.209e+04
		-876.22	-2984.19	-6.47e-04		0.0	1478.14	-4846.21	17.53	786.81	-2984.19	8.869e+04
						30.8	1478.14	-820.29	17.53	700.60	-2443.55	1637.90
146	5	5.967e+04	-1402.15	0.01	-1.57	61.7	1478.14	3078.38	17.53	627.04	-1902.91	3.679e+04
		499.87	-2350.65	-6.41e-04		0.0	1075.14	-3221.22	15.38	610.62	-2350.65	5.967e+04
						30.8	1075.14	-530.31	15.38	549.96	-1876.40	2042.69
146	9	8.136e+04	-1916.00	0.02	-2.13	61.7	1075.14	2073.59	15.38	499.23	-1402.15	2.607e+04
		328.80	-3099.10	-8.81e-04		0.0	1458.58	-4400.85	19.18	794.28	-3099.10	8.136e+04
						30.8	1458.58	-732.25	19.18	716.21	-2507.55	2502.60
146	11	8.720e+04	-1935.69	0.02	-2.29	61.7	1458.58	2819.61	19.18	651.06	-1916.00	3.499e+04
		-545.79	-3038.86	-7.46e-04		0.0	1490.00	-4750.90	17.89	788.55	-3038.86	8.720e+04
						30.8	1490.00	-801.82	17.89	705.98	-2487.27	1898.42
146	18	5.850e+04	2890.54	0.04	-1.49	61.7	1490.00	3022.83	17.89	636.16	-1935.69	3.647e+04
		-2819.53	2191.92	-1.13e-03		0.0	858.35	-3702.01	10.21	802.02	2191.92	5.850e+04
						30.8	858.35	-632.02	10.21	874.57	2541.23	-838.03
146	24	6.152e+04	-2323.62	-0.03	-1.64	61.7	858.35	1996.61	10.21	1068.02	2890.54	2.424e+04
		2157.27	-5878.01	-2.57e-03		0.0	1432.34	-3322.87	58.66	512.45	-5878.01	6.152e+04
						30.8	1432.34	-526.05	58.66	615.65	-4100.82	3557.08
146	25	6.268e+04	1223.69	0.04	-1.63	61.7	1432.34	2123.01	58.66	779.41	-2323.62	2.835e+04
		-1859.24	-501.29	1.40e-03		0.0	744.79	-3409.88	-28.99	707.17	1223.69	6.268e+04
						30.8	744.79	-591.85	-28.99	477.79	361.20	47.37
146	39	6.893e+04	-8894.37	-0.02	-1.91	61.7	744.79	2193.22	-28.99	207.58	-501.29	2.505e+04
		2196.73	-1.117e+04	3.19e-03		0.0	1013.86	-2875.82	-37.42	204.81	-8894.37	6.893e+04
						30.8	1013.86	-484.76	-37.42	36.19	-1.003e+04	3657.50
146	43	6.879e+04	-9370.75	-0.02	-1.90	61.7	1013.86	2478.23	-37.42	-777.49	-1.117e+04	2.989e+04
		2196.29	-1.158e+04	2.97e-03		0.0	1017.71	-2885.62	-36.60	198.20	-9370.75	6.879e+04
						30.8	1017.71	-484.99	-36.60	48.34	-1.048e+04	3649.91
146	46	5.541e+04	8757.39	0.02	-1.44	61.7	1017.71	2470.58	-36.60	-755.94	-1.158e+04	3.002e+04
		-1898.27	4716.43	-4.14e-03		0.0	1159.43	-3847.14	66.27	1021.42	4716.43	5.541e+04
						30.8	1159.43	-632.90	66.27	1045.10	6736.91	-45.46
146	50	5.721e+04	4422.41	0.05	-1.44	61.7	1159.43	1845.65	66.27	1742.93	8757.39	2.337e+04
		-3876.32	3800.71	-1.32e-03		0.0	776.40	-3821.50	8.57	870.45	3800.71	5.721e+04
						30.8	776.40	-658.04	8.57	991.29	4111.56	-1777.96
146	56	6.131e+04	-2648.00	-0.04	-1.65	61.7	776.40	1939.11	8.57	1272.56	4422.41	2.337e+04
		2864.02	-7142.12	-3.28e-03		0.0	1554.73	-3307.39	74.26	477.79	-7142.12	6.131e+04
						30.8	1554.73	-514.33	74.26	640.19	-4895.06	4181.81
146	57	6.289e+04	2487.80	0.04	-1.63	61.7	1554.73	2110.51	74.26	881.19	-2648.00	2.893e+04
		-2574.19	-176.91	2.10e-03		0.0	622.41	-3425.37	-44.59	741.84	2487.80	6.289e+04
						30.8	622.41	-603.56	-44.59	453.25	1155.45	-577.36
146	71	7.136e+04	-1.123e+04	-0.03	-2.00	61.7	622.41	2205.72	-44.59	105.79	-176.91	2.446e+04
		2925.71	-1.464e+04	4.53e-03		0.0	987.26	-2701.18	-56.03	60.63	-1.123e+04	7.136e+04
						30.8	987.26	-458.35	-56.03	-145.56	-1.294e+04	4317.98
146	75	7.118e+04	-1.188e+04	-0.03	-2.00	61.7	987.26	2592.20	-56.03	-1229.95	-1.464e+04	3.103e+04
		2925.11	-1.520e+04	4.23e-03		0.0	992.48	-2714.47	-54.92	51.66	-1.188e+04	7.118e+04
						30.8	992.48	-458.66	-54.92	-129.08	-1.354e+04	4307.68
146	78	5.303e+04	1.238e+04	0.02	-1.38	61.7	992.48	2581.82	-54.92	-1200.74	-1.520e+04	3.120e+04
		-2627.09	7223.94	-5.40e-03		0.0	1184.66	-4018.29	84.58	1167.96	7223.94	5.303e+04
						30.8	1184.66	-659.23	84.58	1222.52	9800.89	-703.24
146	79	6.043e+04	-1406.83	0.01	-1.59	61.7	1184.66	1734.41	84.58	2187.72	1.238e+04	2.219e+04
		398.89	-2344.37	-6.26e-04		0.0	1079.59	-3266.36	15.20	611.45	-2344.37	6.043e+04
						30.8	1079.59	-539.07	15.20	549.64	-1875.60	1974.85
						61.7	1079.59	2100.05	15.20	497.75	-1406.83	2.627e+04

146	82	6.668e+04	-1453.06	0.02	-1.75	0.0	1126.40	-3636.23	13.83	605.51	-2306.23	6.668e+04
		-463.65	-2306.23	-5.25e-04		30.8	1126.40	-612.90	13.83	540.57	-1879.65	1400.48
						61.7	1126.40	2314.62	13.83	485.38	-1453.66	2.789e+04
146	83	6.179e+04	-1461.79	0.01	-1.62	0.0	1113.36	-3339.32	14.94	610.49	-2382.83	6.179e+04
		339.70	-2382.83	-6.81e-04		30.8	1113.36	-554.20	14.94	550.97	-1922.31	1976.95
						61.7	1113.36	2142.10	14.94	501.40	-1461.79	2.669e+04
146	85	6.569e+04	-1474.92	0.02	-1.72	0.0	1134.31	-3572.69	14.07	606.67	-2342.67	6.569e+04
		-243.36	-2342.67	-5.91e-04		30.8	1134.31	-600.58	14.07	544.16	-1908.79	1574.16
						61.7	1134.31	2277.58	14.07	491.46	-1474.92	2.768e+04
146	86	6.043e+04	-1406.83	0.01	-1.59	0.0	1079.59	-3266.36	15.20	611.45	-2344.37	6.043e+04
		398.89	-2344.37	-6.26e-04		30.8	1079.59	-539.07	15.20	549.64	-1875.60	1974.85
						61.7	1079.59	2100.05	15.20	497.75	-1406.83	2.627e+04
146	87	6.321e+04	-1416.20	0.01	-1.66	0.0	1094.55	-3433.06	14.59	608.72	-2315.69	6.321e+04
		-17.58	-2315.69	-5.62e-04		30.8	1094.55	-572.20	14.59	544.77	-1865.95	1687.14
						61.7	1094.55	2196.82	14.59	490.65	-1416.20	2.698e+04
146	88	6.070e+04	-1417.82	0.01	-1.59	0.0	1086.35	-3280.96	15.15	611.26	-2352.07	6.070e+04
		387.05	-2352.07	-6.37e-04		30.8	1086.35	-542.10	15.15	549.91	-1884.94	1975.27
						61.7	1086.35	2108.46	15.15	498.48	-1417.82	2.636e+04
146	90	6.237e+04	-1423.45	0.01	-1.64	0.0	1095.32	-3380.97	14.78	609.62	-2334.85	6.237e+04
		137.17	-2334.85	-5.98e-04		30.8	1095.32	-561.97	14.78	546.98	-1879.15	1802.64
						61.7	1095.32	2166.53	14.78	494.22	-1423.45	2.678e+04
146	91	6.043e+04	-1406.83	0.01	-1.59	0.0	1079.59	-3266.36	15.20	611.45	-2344.37	6.043e+04
		398.89	-2344.37	-6.26e-04		30.8	1079.59	-539.07	15.20	549.64	-1875.60	1974.85
						61.7	1079.59	2100.05	15.20	497.75	-1406.83	2.627e+04
146	92	6.210e+04	-1412.45	0.01	-1.63	0.0	1088.57	-3366.38	14.83	609.81	-2327.16	6.210e+04
		149.01	-2327.16	-5.87e-04		30.8	1088.57	-558.95	14.83	546.72	-1869.81	1802.22
						61.7	1088.57	2158.12	14.83	493.49	-1412.45	2.670e+04
147	4	3.680e+04	-1659.04	0.02	-2.25	0.0	-1694.24	-5461.74	6.38	-783.60	-1978.25	3.680e+04
		-8.196e+04	-1978.25	-9.57e-04		25.0	-1694.24	-2315.55	6.38	-844.84	-1818.65	6.021e+04
						50.0	-1694.24	750.90	6.38	-916.36	-1659.04	-7.965e+04
147	5	2.608e+04	-1173.87	0.01	-1.51	0.0	-1026.84	-3644.06	6.78	-412.26	-1512.93	2.608e+04
		-5.317e+04	-1512.93	-8.45e-04		25.0	-1026.84	-1544.83	6.78	-453.21	-1343.40	-3.864e+04
						50.0	-1026.84	497.76	6.78	-499.68	-1173.87	-5.164e+04
147	9	3.501e+04	-1657.95	0.01	-2.06	0.0	-1415.46	-4976.15	7.61	-611.50	-2038.26	3.501e+04
		-7.326e+04	-2038.26	-1.16e-03		25.0	-1415.46	-2111.10	7.61	-664.52	-1848.10	-5.340e+04
						50.0	-1415.46	678.78	7.61	-725.62	-1657.95	-7.118e+04
147	24	2.835e+04	-579.43	-0.03	-1.57	0.0	-593.87	-3859.85	47.46	-549.49	-2892.77	2.835e+04
		-5.525e+04	-2892.77	-1.34e-03		25.0	-593.87	-1650.75	47.46	-691.55	-1736.10	-3.938e+04
						50.0	-593.87	545.37	47.46	-563.34	-579.43	-5.382e+04
147	25	2.506e+04	-123.78	0.03	-1.59	0.0	-1626.95	-3746.19	-34.88	-382.79	-123.78	2.506e+04
		-5.672e+04	-1808.11	-2.63e-04		25.0	-1626.95	-1573.35	-34.88	-327.52	-965.95	-4.230e+04
						50.0	-1626.95	496.22	-34.88	-554.93	-1808.11	-5.495e+04
147	34	2.411e+04	7789.96	0.01	-1.40	0.0	-834.94	-4286.69	26.16	219.64	6534.49	2.411e+04
		-6.394e+04	6534.49	-1.57e-03		25.0	-834.94	-1788.63	26.16	-332.44	7162.23	-4.758e+04
						50.0	-834.94	401.74	26.16	65.69	7789.96	-6.182e+04
147	43	3.003e+04	-1.134e+04	-0.02	-1.83	0.0	-1365.52	-3318.85	-1.47	-1474.90	-1.143e+04	3.003e+04
		-4.838e+04	-1.143e+04	5.73e-04		25.0	-1365.52	-1431.04	-1.47	-901.78	-1.139e+04	-3.450e+04
						50.0	-1365.52	634.36	-1.47	-1041.41	-1.134e+04	-4.727e+04
147	46	2.338e+04	8954.78	0.01	-1.41	0.0	-855.30	-4287.19	14.05	542.62	8414.75	2.338e+04
		-6.359e+04	8414.75	-2.11e-03		25.0	-855.30	-1793.05	14.05	-117.29	8684.76	-4.717e+04
						50.0	-855.30	407.23	14.05	-76.86	8954.78	-6.150e+04
147	56	2.894e+04	-360.72	-0.03	-1.57	0.0	-409.98	-3880.09	62.12	-579.16	-3385.65	2.894e+04
		-5.499e+04	-3385.65	-1.53e-03		25.0	-409.98	-1664.52	62.12	-756.35	-1873.19	-3.886e+04
						50.0	-409.98	554.12	62.12	-564.84	-360.72	-5.362e+04
147	57	2.448e+04	369.10	0.03	-1.60	0.0	-1810.84	-3725.96	-49.54	-353.11	369.10	2.448e+04
		-5.698e+04	-2026.81	-7.15e-05		25.0	-1810.84	-1559.57	-49.54	-262.72	-828.86	-4.281e+04
						50.0	-1810.84	487.47	-49.54	-553.44	-2026.81	-5.515e+04
147	66	2.319e+04	1.099e+04	0.02	-1.34	0.0	-736.88	-4458.87	33.24	463.78	9397.71	2.319e+04
		-6.677e+04	9397.71	-1.85e-03		25.0	-736.88	-1851.49	33.24	-269.39	1.019e+04	-4.999e+04
						50.0	-736.88	359.35	33.24	288.12	1.099e+04	-6.447e+04
147	75	3.122e+04	-1.496e+04	-0.02	-1.92	0.0	-1456.33	-3146.49	-4.23	-1834.02	-1.496e+04	3.122e+04
		-4.568e+04	-1.496e+04	9.96e-04		25.0	-1456.33	-1366.60	-4.23	-1041.43	-1.496e+04	-3.225e+04
						50.0	-1456.33	674.79	-4.23	-1213.10	-1.496e+04	-4.473e+04
147	78	2.220e+04	1.257e+04	0.01	-1.35	0.0	-764.49	-4459.55	16.81	901.74	1.195e+04	2.220e+04
		-6.630e+04	1.195e+04	-2.57e-03		25.0	-764.49	-1857.49	16.81	22.35	1.226e+04	-4.942e+04
						50.0	-764.49	366.80	16.81	94.83	1.257e+04	-6.404e+04
147	79	2.629e+04	-1182.29	0.01	-1.53	0.0	-1052.50	-3693.36	6.62	-427.72	-1513.19	2.629e+04
		-5.403e+04	-1513.19	-8.34e-04		25.0	-1052.50	-1565.66	6.62	-469.74	-1347.74	-3.931e+04
						50.0	-1052.50	504.83	6.62	-517.48	-1182.29	-5.248e+04
147	82	2.790e+04	-1258.05	0.01	-1.69	0.0	-1252.72	-4100.74	5.25	-569.12	-1520.42	2.790e+04
		-6.127e+04	-1520.42	-7.57e-04		25.0	-1252.72	-1738.56	5.25	-614.84	-1389.23	-4.494e+04
						50.0	-1252.72	563.20	5.25	-668.04	-1258.05	-5.954e+04
147	83	2.671e+04	-1257.32	0.01	-1.57	0.0	-1066.87	-3777.02	6.06	-454.39	-1560.42	2.671e+04
		-5.547e+04	-1560.42	-8.89e-04		25.0	-1066.87	-1602.26	6.06	-494.62	-1408.87	-4.039e+04
						50.0	-1066.87	515.12	6.06	-540.88	-1257.32	-5.389e+04
147	86	2.629e+04	-1182.29	0.01	-1.53	0.0	-1052.50	-3693.36	6.62	-427.72	-1513.19	2.629e+04
		-5.403e+04	-1513.19	-8.34e-04		25.0	-1052.50	-1565.66	6.62	-469.74	-1347.74	-3.931e+04

147	87	2.699e+04	-1201.42	0.01	-1.61	50.0	-1052.50	504.83	6.62	-517.48	-1182.29-5.248e+04
		-5.729e+04	-1505.00	-7.81e-04		0.0	-1149.02	-3876.13	6.07	-491.75	-1505.00 2.699e+04
147	88	2.637e+04	-1197.30	0.01	-1.54	25.0	-1149.02	-1642.97	6.07	-536.07	-1353.21-4.185e+04
		-5.432e+04	-1522.64	-8.45e-04		50.0	-1149.02	531.44	6.07	-586.91	-1201.42-5.566e+04
147	91	2.629e+04	-1182.29	0.01	-1.53	0.0	-1055.37	-3710.09	6.51	-433.05	-1522.64 2.637e+04
		-5.403e+04	-1513.19	-8.34e-04		25.0	-1055.37	-1572.98	6.51	-474.72	-1359.97-3.953e+04
147	92	2.671e+04	-1193.77	0.01	-1.58	50.0	-1055.37	506.89	6.51	-522.16	-1197.30-5.276e+04
		-5.599e+04	-1508.28	-8.02e-04		0.0	-1052.50	-3693.36	6.62	-427.72	-1513.19 2.629e+04
148	4	-7.545e+04	-351.96	7.55e-03	-2.19	25.0	-1052.50	-1565.66	6.62	-469.74	-1347.74-3.931e+04
		-1.154e+05	-1210.50	-1.21e-03		50.0	-1052.50	504.83	6.62	-517.48	-1182.29-5.248e+04
148	5	-4.999e+04	-258.33	4.03e-03	-1.46	0.0	-1110.41	-3803.02	6.29	-466.14	-1508.28 2.671e+04
		-7.596e+04	-932.26	-1.03e-03		25.0	-1110.41	-1612.05	6.29	-509.54	-1351.02-4.084e+04
148	7	-5.792e+04	-222.16	5.78e-03	-1.68	50.0	-1110.41	520.80	6.29	-559.14	-1193.77-5.439e+04
		-8.863e+04	-886.64	-8.72e-04		0.0	-3175.14	-2940.67	17.17	-1664.85	-1210.50-7.965e+04
148	9	-6.842e+04	-437.25	6.04e-03	-2.00	25.0	-3175.14	77.63	17.17	-1751.60	-781.23-1.154e+05
		-1.042e+05	-1301.25	-1.41e-03		50.0	-3175.14	3133.97	17.17	-1859.56	-351.96-7.545e+04
148	32	-5.737e+04	8332.55	-8.36e-03	-1.39	0.0	-2036.01	-1976.19	13.48	-990.60	-932.26-5.164e+04
		-8.822e+04	7496.78	-3.00e-04		25.0	-2036.01	29.76	13.48	-1045.83	-595.29-7.596e+04
148	33	-4.720e+04	-8837.51	8.81e-03	-1.73	50.0	-2036.01	2055.81	13.48	-1113.72	-258.33-4.999e+04
		-7.102e+04	-9342.22	-1.77e-03		0.0	-2453.12	-2257.17	13.29	-1282.48	-886.64-6.117e+04
148	42	-5.798e+04	9411.27	8.48e-03	-1.37	25.0	-2453.12	60.10	13.29	-1349.99	-554.40-8.863e+04
		-8.954e+04	8484.24	-7.08e-04		50.0	-2453.12	2406.50	13.29	-1433.85	-222.16-5.792e+04
148	43	-4.648e+04	-8943.06	-8.06e-03	-1.76	0.0	-2783.02	-2692.34	17.28	-1402.14	-1301.25-7.118e+04
		-6.985e+04	-1.165e+04	-1.87e-03		25.0	-2783.02	50.13	17.28	-1475.79	-869.25-1.042e+05
148	46	-5.808e+04	9800.29	7.77e-03	-1.37	50.0	-2783.02	2822.99	17.28	-1567.30	-437.25-6.842e+04
		-8.940e+04	8438.11	-2.67e-04		0.0	-1528.25	-2290.97	8.10	-481.07	7496.78-6.015e+04
148	63	-4.431e+04	-1.146e+04	-0.01	-1.84	25.0	-1528.25	28.52	8.10	-991.05	7914.67-8.822e+04
		-6.626e+04	-1.333e+04	-1.78e-03		50.0	-1528.25	1898.99	8.10	-583.24	8332.55-5.737e+04
148	64	-5.918e+04	1.139e+04	-9.74e-03	-1.34	0.0	-2785.59	-1824.23	18.71	-1665.58	-9342.22-4.862e+04
		-9.128e+04	1.049e+04	-2.16e-04		25.0	-2785.59	48.14	18.71	-1274.01	-9089.86-7.102e+04
148	65	-4.539e+04	-1.189e+04	0.01	-1.81	50.0	-2785.59	2414.64	18.71	-1827.66	-8837.51-4.720e+04
		-6.796e+04	-1.234e+04	-2.05e-03		0.0	-1752.32	-2314.38	-16.88	-174.75	9411.27-6.158e+04
148	74	-6.001e+04	1.309e+04	9.90e-03	-1.31	25.0	-1752.32	0.13	-16.88	-814.75	8947.76-8.954e+04
		-9.307e+04	1.159e+04	-6.65e-04		50.0	-1752.32	1836.35	-16.88	-723.99	8484.24-5.798e+04
148	75	-4.441e+04	-1.204e+04	-9.33e-03	-1.84	0.0	-2561.78	-1798.61	49.16	-2041.97	-1.165e+04-4.727e+04
		-6.637e+04	-1.546e+04	-2.18e-03		25.0	-2561.78	77.45	49.16	-1507.71	-1.029e+04-6.985e+04
148	78	-6.015e+04	1.362e+04	8.94e-03	-1.32	50.0	-2561.78	2473.86	49.16	-1725.97	-8943.06-4.648e+04
		-9.288e+04	1.153e+04	2.08e-04		0.0	-1752.06	-2316.59	-22.35	-104.69	9800.29-6.150e+04
148	79	-5.069e+04	-259.71	4.15e-03	-1.48	25.0	-1752.06	-0.79	-22.35	-757.35	9119.20-8.940e+04
		-7.709e+04	-931.84	-1.02e-03		50.0	-1752.06	1839.76	-22.35	-684.94	8438.11-5.808e+04
148	81	-5.598e+04	-235.60	5.31e-03	-1.63	0.0	-2711.83	-1728.29	37.58	-1928.16	-1.333e+04-4.431e+04
		-8.553e+04	-901.43	-9.14e-04		25.0	-2711.83	102.28	37.58	-1371.67	-1.239e+04-6.626e+04
148	82	-5.659e+04	-268.34	5.50e-03	-1.65	50.0	-2711.83	2605.18	37.58	-2113.84	-1.146e+04-4.503e+04
		-8.649e+04	-931.52	-9.47e-04		0.0	-1304.45	-2374.05	6.21	-270.23	1.049e+04-6.220e+04
148	83	-5.190e+04	-325.21	4.49e-03	-1.52	25.0	-1304.45	25.03	6.21	-940.68	1.094e+04-9.128e+04
		-7.900e+04	-992.02	-1.09e-03		50.0	-1304.45	1807.21	6.21	-361.73	1.139e+04-5.918e+04
148	86	-5.069e+04	-259.71	4.15e-03	-1.48	0.0	-3009.39	-1741.14	20.60	-1876.43	-1.234e+04-4.657e+04
		-7.709e+04	-931.84	-1.02e-03		25.0	-3009.39	51.63	20.60	-1324.38	-1.212e+04-6.796e+04
148	87	-5.334e+04	-247.65	4.72e-03	-1.56	50.0	-3009.39	2506.42	20.60	-2049.17	-1.189e+04-4.539e+04
		-8.131e+04	-916.64	-9.66e-04		0.0	-1608.28	-2405.79	-27.66	145.14	1.309e+04-4.431e+04
148	88	-5.094e+04	-272.81	4.22e-03	-1.49	25.0	-1608.28	-13.46	-27.66	-701.62	1.234e+04-9.307e+04
						50.0	-1608.28	1722.27	-27.66	-552.58	1.159e+04-6.001e+04
						0.0	-2705.91	-1706.41	61.89	-2386.80	-1.546e+04-4.473e+04
						25.0	-2705.91	91.38	61.89	-1641.28	-1.375e+04-6.637e+04
						50.0	-2705.91	2586.73	61.89	-1911.27	-1.204e+04-4.441e+04
						0.0	-1607.93	-2408.79	-35.08	240.15	1.362e+04-6.404e+04
						25.0	-1607.93	-14.72	-35.08	-623.79	1.257e+04-9.288e+04
						50.0	-1607.93	1726.89	-35.08	-499.63	1.153e+04-6.018e+04
						0.0	-2073.50	-2001.40	13.44	-1014.95	-931.84-5.248e+04
						25.0	-2073.50	32.26	13.44	-1071.70	-595.78-7.709e+04
						50.0	-2073.50	2086.67	13.44	-1141.43	-259.71-5.069e+04
						0.0	-2351.57	-2188.72	13.32	-1209.54	-901.43-5.883e+04
						25.0	-2351.57	52.49	13.32	-1274.48	-568.51-8.553e+04
						50.0	-2351.57	2320.47	13.32	-1354.85	-235.60-5.598e+04
						0.0	-2368.24	-2210.49	13.26	-1228.99	-931.52-5.954e+04
						25.0	-2368.24	54.39	13.26	-1293.38	-599.93-8.649e+04
						50.0	-2368.24	2346.95	13.26	-1373.42	-268.34-5.659e+04
						0.0	-2106.82	-2044.94	13.34	-1053.85	-992.02-5.389e+04
						25.0	-2106.82	36.05	13.34	-1109.50	-658.61-7.900e+04
						50.0	-2106.82	2139.64	13.34	-1178.58	-325.21-5.190e+04
						0.0	-2073.50	-2001.40	13.44	-1014.95	-931.84-5.248e+04
						25.0	-2073.50	32.26	13.44	-1071.70	-595.78-7.709e+04
						50.0	-2073.50	2086.67	13.44	-1141.43	-259.71-5.069e+04
						0.0	-2212.53	-2095.06	13.38	-1112.25	-916.64-5.566e+04
						25.0	-2212.53	42.38	13.38	-1173.09	-582.14-8.131e+04
						50.0	-2212.53	2203.57	13.38	-1248.14	-247.65-5.334e+04
						0.0	-2080.16	-2010.11	13.42	-1022.73	-943.88-5.276e+04

		-7.747e+04	-943.88	-1.03e-03		25.0	-2080.16	33.02	13.42	-1079.26	-608.34-7.747e+04
						50.0	-2080.16	2097.27	13.42	-1148.86	-272.81-5.094e+04
148	91	-5.069e+04	-259.71	4.15e-03	-1.48	0.0	-2073.50	-2001.40	13.44	-1014.95	-931.84-5.248e+04
		-7.709e+04	-931.84	-1.02e-03		25.0	-2073.50	32.26	13.44	-1071.70	-595.78-7.709e+04
						50.0	-2073.50	2086.67	13.44	-1141.43	-259.71-5.069e+04
148	92	-5.228e+04	-252.48	4.48e-03	-1.53	0.0	-2156.92	-2057.60	13.40	-1073.33	-922.72-5.439e+04
		-7.962e+04	-922.72	-9.87e-04		25.0	-2156.92	38.33	13.40	-1132.53	-587.60-7.962e+04
						50.0	-2156.92	2156.81	13.40	-1205.45	-252.48-5.228e+04
149	3	4.373e+04	1978.74	-0.03	-2.26	0.0	-941.32	-630.00	37.75	-2903.44	91.28-7.454e+04
		-7.620e+04	91.28	-1.14e-03		25.0	-941.32	2341.71	37.75	-3034.29	1035.01-5.340e+04
						50.0	-941.32	5454.53	37.75	-3200.21	1978.74 4.373e+04
149	4	4.442e+04	1967.76	-0.03	-2.28	0.0	-933.61	-635.84	38.36	-2946.37	49.81-7.585e+04
		-7.711e+04	49.81	-1.20e-03		25.0	-933.61	2373.18	38.36	-3077.17	1008.79-5.400e+04
						50.0	-933.61	5525.91	38.36	-3243.54	1967.76 4.442e+04
149	12	2.985e+04	1311.21	-0.02	-1.57	0.0	-584.87	-446.55	29.07	-1922.13	-142.40-5.180e+04
		-5.300e+04	-142.40	-1.15e-03		25.0	-584.87	1616.81	29.07	-2003.87	584.41-3.734e+04
						50.0	-584.87	3775.69	29.07	-2108.77	1311.21 2.985e+04
149	35	3.526e+04	-4714.40	-0.02	-1.81	0.0	-837.33	-371.20	80.74	-2630.24	-8084.19-4.683e+04
		-4.774e+04	-8084.19	-3.33e-03		25.0	-837.33	1833.63	80.74	-2280.72	-6399.30-3.339e+04
						50.0	-837.33	4290.16	80.74	-2852.99	-4714.40 3.526e+04
149	40	2.735e+04	9316.27	-0.02	-1.43	0.0	-293.75	-524.79	-20.25	-1134.18	9316.27-5.771e+04
		-5.919e+04	8145.52	3.30e-04		25.0	-293.75	1466.51	-20.25	-1763.11	8730.89-4.161e+04
						50.0	-293.75	3386.48	-20.25	-1743.84	8145.52 2.735e+04
149	41	3.279e+04	-5366.14	0.02	-1.80	0.0	-984.94	-375.90	76.69	-2784.40	-9358.72-4.685e+04
		-4.780e+04	-9358.72	-2.31e-03		25.0	-984.94	1795.41	76.69	-2331.22	-7362.43-3.378e+04
						50.0	-984.94	4229.88	76.69	-2573.57	-5366.14 3.279e+04
149	44	2.736e+04	9484.84	-0.02	-1.43	0.0	-295.76	-523.65	-15.04	-1211.78	9484.84-5.761e+04
		-5.907e+04	8147.47	8.79e-04		25.0	-295.76	1464.12	-15.04	-1834.75	8816.16-4.150e+04
						50.0	-295.76	3381.02	-15.04	-1799.64	8147.47 2.736e+04
149	45	3.279e+04	-5368.09	0.02	-1.80	0.0	-982.92	-377.05	71.48	-2706.80	-9527.30-4.695e+04
		-4.792e+04	-9527.30	-2.86e-03		25.0	-982.92	1797.80	71.48	-2259.58	-7447.69-3.389e+04
						50.0	-982.92	4235.34	71.48	-2517.77	-5368.09 3.279e+04
149	46	2.540e+04	8798.50	0.02	-1.42	0.0	-436.26	-534.05	-38.44	-1025.84	8798.50-5.808e+04
		-5.962e+04	7551.18	1.17e-03		25.0	-436.26	1432.09	-38.44	-1672.92	8174.84-4.246e+04
						50.0	-436.26	3329.72	-38.44	-1657.76	7551.18 2.540e+04
149	67	3.711e+04	-6887.45	-0.03	-1.90	0.0	-907.81	-343.02	99.44	-2869.11	-1.095e+04-4.489e+04
		-4.569e+04	-1.095e+04	-4.17e-03		25.0	-907.81	1905.78	99.44	-2363.87	-8921.03-3.186e+04
						50.0	-907.81	4461.74	99.44	-3100.15	-6887.45 3.711e+04
149	72	2.638e+04	1.264e+04	-0.02	-1.38	0.0	-170.72	-551.29	-37.50	-840.44	1.264e+04-5.965e+04
		-6.121e+04	1.055e+04	8.00e-04		25.0	-170.72	1407.96	-37.50	-1661.99	1.160e+04-4.300e+04
						50.0	-170.72	3236.35	-37.50	-1596.15	1.055e+04 2.638e+04
149	73	3.376e+04	-7771.21	0.03	-1.88	0.0	-1107.97	-349.40	93.94	-3078.14	-1.268e+04-4.492e+04
		-4.578e+04	-1.268e+04	-2.78e-03		25.0	-1107.97	1853.95	93.94	-2432.34	-1.023e+04-3.239e+04
						50.0	-1107.97	4380.01	93.94	-2721.26	-7771.21 3.376e+04
149	76	2.639e+04	1.287e+04	-0.02	-1.38	0.0	-173.45	-549.74	-30.44	-945.67	1.287e+04-5.950e+04
		-6.106e+04	1.055e+04	1.54e-03		25.0	-173.45	1404.72	-30.44	-1759.13	1.171e+04-4.286e+04
						50.0	-173.45	3228.95	-30.44	-1671.82	1.055e+04 2.639e+04
149	77	3.376e+04	-7773.85	0.03	-1.88	0.0	-1105.23	-350.96	86.88	-2972.91	-1.291e+04-4.506e+04
		-4.593e+04	-1.291e+04	-3.52e-03		25.0	-1105.23	1857.20	86.88	-2335.20	-1.034e+04-3.254e+04
						50.0	-1105.23	4387.41	86.88	-2645.59	-7773.85 3.376e+04
149	78	2.374e+04	1.194e+04	0.02	-1.37	0.0	-363.97	-563.85	-62.17	-693.53	1.194e+04-6.015e+04
		-6.181e+04	9744.67	1.93e-03		25.0	-363.97	1361.29	-62.17	-1539.69	1.084e+04-4.416e+04
						50.0	-363.97	3159.38	-62.17	-1479.42	9744.67 2.374e+04
149	81	3.269e+04	1489.60	-0.02	-1.70	0.0	-700.81	-475.47	28.82	-2160.94	48.45-5.598e+04
		-5.724e+04	48.45	-9.07e-04		25.0	-700.81	1755.74	28.82	-2257.96	769.03-4.017e+04
						50.0	-700.81	4092.20	28.82	-2381.07	1489.60 3.269e+04
149	82	3.315e+04	1482.29	-0.02	-1.71	0.0	-695.67	-479.37	29.23	-2189.56	20.81-5.659e+04
		-5.785e+04	20.81	-9.45e-04		25.0	-695.67	1776.72	29.23	-2286.54	751.55-4.057e+04
						50.0	-695.67	4139.78	29.23	-2409.95	1482.29 3.315e+04
149	83	2.987e+04	1332.23	-0.02	-1.57	0.0	-602.72	-447.37	28.77	-1930.11	-106.37-5.190e+04
		-5.311e+04	-106.37	-1.10e-03		25.0	-602.72	1619.43	28.77	-2014.00	612.93-3.742e+04
						50.0	-602.72	3781.63	28.77	-2121.17	1332.23 2.987e+04
149	87	3.082e+04	1418.24	-0.02	-1.62	0.0	-656.90	-457.53	28.39	-2016.90	-1.32-5.334e+04
		-5.457e+04	-1.32	-9.66e-04		25.0	-656.90	1666.61	28.39	-2107.39	708.46-3.840e+04
						50.0	-656.90	3889.33	28.39	-2222.24	1418.24 3.082e+04
149	88	2.914e+04	1343.94	-0.02	-1.54	0.0	-610.94	-441.14	28.12	-1884.32	-62.14-5.094e+04
		-5.213e+04	-62.14	-1.04e-03		25.0	-610.94	1585.87	28.12	-1968.26	640.90-3.679e+04
						50.0	-610.94	3705.49	28.12	-2074.96	1343.94 2.914e+04
149	91	2.895e+04	1346.87	-0.02	-1.54	0.0	-613.00	-439.58	27.96	-1872.87	-51.09-5.069e+04
		-5.189e+04	-51.09	-1.03e-03		25.0	-613.00	1577.48	27.96	-1956.83	647.89-3.664e+04
						50.0	-613.00	3686.46	27.96	-2063.41	1346.87 2.895e+04
149	92	3.007e+04	1389.69	-0.02	-1.58	0.0	-639.34	-450.35	28.22	-1959.29	-21.23-5.228e+04
		-5.350e+04	-21.23	-9.90e-04		25.0	-639.34	1630.96	28.22	-2047.17	684.23-3.770e+04
						50.0	-639.34	3808.18	28.22	-2158.71	1389.69 3.007e+04
150	4	8.699e+04	5020.95	-0.03	-2.32	0.0	2568.45	-2601.22	37.08	-6433.70	2994.04 4.438e+04
		1.654e+04	2994.04	-7.73e-04		27.3	2568.45	754.06	37.08	-6663.39	4007.49 1.877e+04
						54.7	2568.45	4260.83	37.08	-6978.73	5020.95 8.699e+04

150	5	5.754e+04	3508.17	-0.02	-1.53	0.0	1668.05	-1690.66	29.72	-4168.02	1883.38	2.844e+04
		1.056e+04	1883.38	-7.78e-04		27.3	1668.05	516.18	29.72	-4312.52	2695.78	1.216e+04
						54.7	1668.05	2818.77	29.72	-4512.46	3508.17	5.754e+04
150	24	5.967e+04	7089.78	-0.03	-1.55	0.0	1990.42	-1797.15	47.15	-4371.64	4703.30	3.205e+04
		1.309e+04	4703.30	-1.68e-04		27.3	1990.42	556.89	47.15	-4662.77	5896.54	1.448e+04
						54.7	1990.42	2880.31	47.15	-5002.57	7089.78	5.967e+04
150	25	6.068e+04	113.27	0.03	-1.66	0.0	1509.20	-1760.30	11.03	-4406.89	-680.84	2.805e+04
		9227.06	-680.84	-1.41e-03		27.3	1509.20	511.35	11.03	-4424.53	-283.78	1.111e+04
						54.7	1509.20	3016.66	11.03	-4510.32	113.27	6.068e+04
150	26	5.693e+04	3549.44	0.03	-1.53	0.0	1520.62	-1909.21	-39.35	-3633.83	3549.44	2.552e+04
		8449.04	1603.13	8.33e-04		27.3	1520.62	489.39	-39.35	-3999.85	2576.28	1.033e+04
						54.7	1520.62	2818.82	-39.35	-4401.45	1603.13	5.693e+04
150	31	6.691e+04	1819.28	-0.02	-1.83	0.0	1798.86	-1512.25	122.12	-5710.77	-4787.84	3.523e+04
		1.314e+04	-4787.84	-4.64e-03		27.3	1798.86	579.40	122.12	-5273.08	-1484.28	1.471e+04
						54.7	1798.86	3285.21	122.12	-4949.85	1819.28	6.691e+04
150	40	5.452e+04	9644.01	-0.02	-1.43	0.0	1835.24	-2001.37	-57.51	-3853.12	9644.01	2.733e+04
		1.088e+04	6490.95	2.66e-03		27.3	1835.24	498.34	-57.51	-3589.48	8067.48	1.242e+04
						54.7	1835.24	2617.58	-57.51	-4353.21	6490.95	5.452e+04
150	41	6.584e+04	712.10	0.02	-1.82	0.0	1664.38	-1556.08	115.69	-5925.41	-5621.55	3.277e+04
		1.143e+04	-5621.55	-4.08e-03		27.3	1664.38	569.89	115.69	-5497.82	-2454.72	1.317e+04
						54.7	1664.38	3279.38	115.69	-5159.68	712.10	6.584e+04
150	56	5.949e+04	8331.59	-0.03	-1.53	0.0	2076.07	-1803.71	53.58	-4365.36	5661.67	3.276e+04
		1.378e+04	5661.67	2.40e-04		27.3	2076.07	564.99	53.58	-4705.18	6996.63	1.509e+04
						54.7	2076.07	2856.03	53.58	-5090.19	8331.59	5.949e+04
150	57	6.086e+04	-1128.54	0.03	-1.67	0.0	1423.55	-1753.74	4.59	-4413.17	-1639.22	2.734e+04
		8539.39	-1639.22	-1.66e-03		27.3	1423.55	503.24	4.59	-4382.13	-1383.88	1.050e+04
						54.7	1423.55	3040.93	4.59	-4422.70	-1128.54	6.086e+04
150	58	5.577e+04	4097.04	0.03	-1.50	0.0	1439.03	-1955.66	-63.71	-3364.89	4097.04	2.391e+04
		7484.40	891.69	1.38e-03		27.3	1439.03	473.47	-63.71	-3806.26	2494.37	9452.55
						54.7	1439.03	2772.66	-63.71	-4275.08	891.69	5.577e+04
150	63	6.931e+04	1184.81	-0.03	-1.90	0.0	1816.32	-1417.39	155.24	-6181.23	-7208.30	3.708e+04
		1.384e+04	-7208.30	-6.04e-03		27.3	1816.32	595.52	155.24	-5532.75	-3011.74	1.539e+04
						54.7	1816.32	3405.08	155.24	-5018.70	1184.81	6.931e+04
150	72	5.250e+04	1.236e+04	-0.02	-1.38	0.0	1865.66	-2080.63	-88.34	-2306.26	1.236e+04	2.636e+04
		1.079e+04	7519.58	3.86e-03		27.3	1865.66	485.60	-88.34	-3249.80	9940.43	1.229e+04
						54.7	1865.66	2499.79	-88.34	-4209.66	7519.58	5.250e+04
150	73	6.785e+04	-316.53	0.03	-1.89	0.0	1633.97	-1476.82	146.52	-6472.28	-8338.81	3.374e+04
		1.153e+04	-8338.81	-5.28e-03		27.3	1633.97	582.63	146.52	-5837.50	-4327.67	1.330e+04
						54.7	1633.97	3397.18	146.52	-5303.23	-316.53	6.785e+04
150	79	5.835e+04	3534.16	-0.02	-1.56	0.0	1692.04	-1717.28	29.56	-4234.07	1918.31	2.893e+04
		1.074e+04	1918.31	-7.60e-04		27.3	1692.04	521.80	29.56	-4381.85	2726.24	1.236e+04
						54.7	1692.04	2858.29	29.56	-4585.96	3534.16	5.835e+04
150	82	6.523e+04	3801.20	-0.02	-1.74	0.0	1921.91	-1945.37	28.77	-4809.64	2228.51	3.312e+04
		1.234e+04	2228.51	-6.28e-04		27.3	1921.91	568.54	28.77	-4980.29	3014.86	1.403e+04
						54.7	1921.91	3195.31	28.77	-5214.95	3801.20	6.523e+04
150	86	5.835e+04	3534.16	-0.02	-1.56	0.0	1692.04	-1717.28	29.56	-4234.07	1918.31	2.893e+04
		1.074e+04	1918.31	-7.60e-04		27.3	1692.04	521.80	29.56	-4381.85	2726.24	1.236e+04
						54.7	1692.04	2858.29	29.56	-4585.96	3534.16	5.835e+04
150	87	6.140e+04	3646.44	-0.02	-1.64	0.0	1788.33	-1819.69	28.78	-4492.73	2073.17	3.080e+04
		1.144e+04	2073.17	-6.73e-04		27.3	1788.33	542.33	28.78	-4651.52	2859.81	1.309e+04
						54.7	1788.33	3008.61	28.78	-4870.10	3646.44	6.140e+04
150	91	5.835e+04	3534.16	-0.02	-1.56	0.0	1692.04	-1717.28	29.56	-4234.07	1918.31	2.893e+04
		1.074e+04	1918.31	-7.60e-04		27.3	1692.04	521.80	29.56	-4381.85	2726.24	1.236e+04
						54.7	1692.04	2858.29	29.56	-4585.96	3534.16	5.835e+04
150	92	6.018e+04	3601.53	-0.02	-1.60	0.0	1749.81	-1778.73	29.09	-4389.27	2011.23	3.005e+04
		1.116e+04	2011.23	-7.08e-04		27.3	1749.81	534.12	29.09	-4543.65	2806.38	1.280e+04
						54.7	1749.81	2948.48	29.09	-4756.45	3601.53	6.018e+04
151	4	8.698e+04	7720.52	-0.02	-2.18	0.0	3218.24	-3735.30	-15.17	-1.349e+04	7720.52	8.698e+04
		2.751e+04	6891.51	5.32e-04		27.3	3218.24	-522.26	-15.17	-1.389e+04	7306.01	2.860e+04
						54.7	3218.24	2761.81	-15.17	-1.445e+04	6891.51	5.908e+04
151	5	5.753e+04	5375.46	-0.01	-1.43	0.0	2044.37	-2459.68	4.98	-9017.78	5103.47	5.753e+04
		1.818e+04	5103.47	1.26e-04		27.3	2044.37	-355.67	4.98	-9273.71	5239.46	1.894e+04
						54.7	2044.37	1791.42	4.98	-9635.99	5375.46	3.848e+04
151	27	6.338e+04	1.248e+04	-0.02	-1.58	0.0	2465.11	-2453.58	115.93	-1.029e+04	6169.82	6.338e+04
		1.995e+04	6169.82	-9.87e-04		27.3	2465.11	-329.16	115.93	-1.038e+04	9324.33	2.084e+04
						54.7	2465.11	2000.67	115.93	-1.059e+04	1.248e+04	4.212e+04
151	30	5.696e+04	4508.77	9.07e-03	-1.43	0.0	1857.95	-2699.24	-116.87	-8506.61	4508.77	5.696e+04
		1.809e+04	-1851.57	1.43e-03		27.3	1857.95	-407.74	-116.87	-8956.23	1328.60	1.875e+04
						54.7	1857.95	1770.91	-116.87	-9503.16	-1851.57	3.877e+04
151	31	6.691e+04	1.063e+04	-0.01	-1.70	0.0	2336.70	-2257.70	162.56	-1.168e+04	1742.18	6.691e+04
		2.064e+04	1742.18	-4.19e-03		27.3	2336.70	-320.01	162.56	-1.144e+04	6187.38	2.152e+04
						54.7	2336.70	2130.65	162.56	-1.135e+04	1.063e+04	4.470e+04
151	34	5.343e+04	8936.41	0.01	-1.31	0.0	1986.36	-2895.11	-163.50	-7116.81	8936.41	5.343e+04
		1.740e+04	-5.30	4.63e-03		27.3	1986.36	-416.89	-163.50	-7890.26	4465.56	1.807e+04
						54.7	1986.36	1640.92	-163.50	-8752.34	-5.30	3.620e+04
151	59	6.452e+04	1.503e+04	-0.02	-1.61	0.0	2573.18	-2409.85	157.36	-1.060e+04	6465.49	6.452e+04
		2.028e+04	6465.49	-1.41e-03		27.3	2573.18	-315.18	157.36	-1.063e+04	1.075e+04	2.122e+04

151	62	5.582e+04	4213.10	8.47e-03	-1.40	54.7	2573.18	2041.56	157.36	-1.079e+04	1.503e+04	4.272e+04
		1.776e+04	-4402.39	1.86e-03		0.0	1749.88	-2742.97	-158.30	-8189.96	4213.10	5.582e+04
151	63	6.930e+04	1.253e+04	-0.01	-1.77	27.3	1749.88	-421.72	-158.30	-8703.18	-94.64	1.838e+04
		2.121e+04	461.62	-5.75e-03		54.7	1749.88	1730.01	-158.30	-9308.89	-4402.39	3.818e+04
151	66	5.104e+04	1.022e+04	0.01	-1.26	0.0	2399.06	-2144.24	220.60	-1.249e+04	461.62	6.930e+04
		1.682e+04	-1898.84	6.20e-03		27.3	2399.06	-302.76	220.60	-1.208e+04	6493.87	2.214e+04
151	79	5.834e+04	5359.05	-0.01	-1.45	54.7	2399.06	2217.82	220.60	-1.181e+04	1.253e+04	4.621e+04
		1.844e+04	5171.45	1.51e-04		0.0	1924.00	-3008.58	-221.53	-6305.40	1.022e+04	5.104e+04
151	82	6.523e+04	5791.22	-0.01	-1.63	27.3	1924.00	-434.13	-221.53	-7257.74	4159.07	1.746e+04
		2.063e+04	5319.82	3.58e-04		54.7	1924.00	1553.75	-221.53	-8290.78	-1898.84	3.469e+04
151	86	5.834e+04	5359.05	-0.01	-1.45	0.0	2078.72	-2495.15	3.43	-9131.37	5171.45	5.834e+04
		1.844e+04	5171.45	1.51e-04		27.3	2078.72	-359.68	3.43	-9392.09	5265.25	1.920e+04
151	87	6.139e+04	5451.20	-0.01	-1.53	54.7	2078.72	1819.76	3.43	-9760.52	5359.05	3.908e+04
		1.940e+04	5283.37	2.70e-04		0.0	2399.75	-2799.24	-8.62	-1.014e+04	5791.22	6.523e+04
151	91	5.834e+04	5359.05	-0.01	-1.45	27.3	2399.75	-393.46	-8.62	-1.043e+04	5555.52	2.145e+04
		1.844e+04	5171.45	1.51e-04		54.7	2399.75	2064.95	-8.62	-1.085e+04	5319.82	4.420e+04
151	92	6.017e+04	5339.30	-0.01	-1.50	0.0	2078.72	-2495.15	3.43	-9131.37	5171.45	5.834e+04
		1.902e+04	5313.64	2.22e-04		27.3	2078.72	-359.68	3.43	-9392.09	5265.25	1.920e+04
152	4	5.911e+04	1.228e+04	-5.78e-03	-1.96	54.7	2078.72	1819.76	3.43	-9760.52	5359.05	3.908e+04
		1.318e+04	6950.29	2.49e-03		0.0	2161.53	-2576.41	-0.47	-9396.07	5339.30	6.017e+04
152	5	3.850e+04	8827.99	-3.25e-03	-1.29	27.3	2161.53	-368.45	-0.47	-9667.03	5326.47	1.980e+04
		5938.40	7039.22	1.62e-03		54.7	2161.53	1885.79	-0.47	-1.005e+04	5313.64	4.045e+04
152	7	4.537e+04	9307.36	-4.44e-03	-1.51	0.0	3185.34	-3112.71	-97.56	-2.857e+04	1.228e+04	5.911e+04
		1.030e+04	4875.37	1.95e-03		27.3	3185.34	-231.18	-97.56	-2.927e+04	9616.99	1.335e+04
152	11	5.787e+04	1.237e+04	-5.60e-03	-1.92	54.7	3185.34	2671.99	-97.56	-3.027e+04	6950.29	4.667e+04
		1.214e+04	7950.13	2.39e-03		0.0	1927.64	-2114.38	-32.72	-1.954e+04	8827.99	3.850e+04
152	27	4.215e+04	2.518e+04	6.95e-03	-1.43	27.3	1927.64	-236.19	-32.72	-2.001e+04	7933.61	6342.74
		8819.62	1.483e+04	3.98e-03		54.7	1927.64	1654.03	-32.72	-2.067e+04	7039.22	2.570e+04
152	30	3.879e+04	3106.63	-1.58e-03	-1.28	0.0	2437.82	-2383.30	-81.07	-2.185e+04	9307.36	4.537e+04
		5522.37	-1.230e+04	-5.57e-04		27.3	2437.82	-171.21	-81.07	-2.239e+04	7091.37	1.041e+04
152	42	3.616e+04	5751.34	2.56e-03	-1.18	54.7	2437.82	2057.51	-81.07	-2.315e+04	4875.37	3.616e+04
		4916.26	-1.511e+04	3.69e-03		0.0	3105.70	-3072.29	-80.84	-2.827e+04	1.237e+04	5.787e+04
152	43	4.481e+04	2.831e+04	4.74e-03	-1.53	27.3	3105.70	-251.15	-80.84	-2.896e+04	1.016e+04	1.239e+04
		9410.28	1.232e+04	-8.69e-04		54.7	3105.70	2590.93	-80.84	-2.994e+04	7950.13	4.433e+04
152	46	3.614e+04	5612.57	-2.78e-03	-1.18	0.0	2403.45	-2112.04	189.78	-2.176e+04	1.483e+04	4.215e+04
		4931.71	-1.543e+04	3.94e-03		27.3	2403.45	-174.86	189.78	-2.214e+04	2.000e+04	8972.63
152	59	4.275e+04	3.185e+04	8.16e-03	-1.46	54.7	2403.45	1917.81	189.78	-2.275e+04	2.518e+04	3.274e+04
		9406.53	1.691e+04	4.79e-03		0.0	1739.22	-2271.97	-282.28	-1.865e+04	3106.63	3.879e+04
152	62	3.820e+04	1020.51	-1.42e-03	-1.25	27.3	1739.22	-261.65	-282.28	-1.924e+04	-4598.13	6014.31
		4935.46	-1.897e+04	-1.36e-03		54.7	1739.22	1619.71	-282.28	-2.001e+04	-1.230e+04	2.458e+04
152	74	3.462e+04	4606.74	2.20e-03	-1.11	0.0	1840.15	-2408.57	-382.31	-1.701e+04	5751.34	3.616e+04
		4113.58	-2.279e+04	4.40e-03		27.3	1840.15	-260.55	-382.31	-1.789e+04	-4680.90	5436.24
152	75	4.635e+04	3.609e+04	5.16e-03	-1.59	54.7	1840.15	1475.54	-382.31	-1.895e+04	-1.511e+04	2.203e+04
		1.021e+04	1.351e+04	-1.54e-03		0.0	2307.08	-1977.15	293.07	-2.335e+04	1.232e+04	4.481e+04
152	78	3.460e+04	4418.57	-2.49e-03	-1.11	27.3	2307.08	-177.20	293.07	-2.344e+04	2.031e+04	9539.42
		4134.53	-2.322e+04	4.73e-03		54.7	2307.08	2060.96	293.07	-2.376e+04	2.831e+04	3.525e+04
152	79	3.910e+04	8870.64	-3.33e-03	-1.31	0.0	1835.59	-2406.86	-385.57	-1.706e+04	5612.57	3.614e+04
		6298.92	6870.73	1.65e-03		27.3	1835.59	-259.31	-385.57	-1.794e+04	-4909.38	5447.52
152	81	4.368e+04	9190.22	-4.12e-03	-1.45	54.7	1835.59	1476.56	-385.57	-1.900e+04	-1.543e+04	2.207e+04
		9205.83	5428.16	1.86e-03		0.0	2521.68	-2083.58	273.80	-2.232e+04	1.691e+04	4.275e+04
152	82	4.422e+04	9343.44	-4.24e-03	-1.47	27.3	2521.68	-159.41	273.80	-2.266e+04	2.438e+04	9499.20
						54.7	2521.68	1970.87	273.80	-2.324e+04	3.185e+04	3.419e+04
152						0.0	1620.99	-2300.44	-366.30	-1.809e+04	1020.51	3.820e+04
						27.3	1620.99	-277.09	-366.30	-1.872e+04	-8977.06	5487.73
152						54.7	1620.99	1566.65	-366.30	-1.953e+04	-1.897e+04	2.313e+04
						0.0	1757.85	-2485.67	-501.95	-1.587e+04	4606.74	3.462e+04
152						27.3	1757.85	-275.61	-501.95	-1.689e+04	-9089.28	4703.87
						54.7	1757.85	1371.15	-501.95	-1.809e+04	-2.279e+04	1.967e+04
152						0.0	2391.00	-1900.67	413.86	-2.447e+04	1.351e+04	4.635e+04
						27.3	2391.00	-162.58	413.86	-2.442e+04	2.480e+04	1.027e+04
152						54.7	2391.00	2164.98	413.86	-2.461e+04	3.609e+04	3.760e+04
						0.0	1751.67	-2483.35	-506.36	-1.593e+04	4418.57	3.460e+04
152						27.3	1751.67	-273.92	-506.36	-1.696e+04	-9399.11	4719.17
						54.7	1751.67	1372.54	-506.36	-1.815e+04	-2.322e+04	1.972e+04
152						0.0	1969.30	-2138.22	-36.58	-1.974e+04	8870.64	3.910e+04
						27.3	1969.30	-231.25	-36.58	-2.021e+04	7870.68	6680.18
152						54.7	1969.30	1688.06	-36.58	-2.088e+04	6870.73	2.657e+04
						0.0	2309.42	-2317.51	-68.81	-2.128e+04	9190.22	4.368e+04
152						27.3	2309.42	-187.93	-68.81	-2.180e+04	7309.19	9391.14
						54.7	2309.42	1957.05	-68.81	-2.254e+04	5428.16	3.354e+04
152						0.0	2358.36	-2344.34	-67.34	-2.154e+04	9343.44	4.422e+04

		9384.59	5661.95	1.86e-03		27.3	2358.36	-188.25	-67.34-2.207e+04	7502.70	9565.25
152	85	4.340e+04	9400.80	-4.13e-03	-1.44	54.7	2358.36	1983.71	-67.34-2.282e+04	5661.95	3.408e+04
		8691.28	6328.51	1.80e-03		0.0	2305.27	-2317.39	-56.20-2.135e+04	9400.80	4.340e+04
						27.3	2305.27	-201.56	-56.20-2.186e+04	7864.65	8926.09
152	86	3.910e+04	8870.64	-3.33e-03	-1.31	54.7	2305.27	1929.67	-56.20-2.260e+04	6328.51	3.252e+04
		6298.92	6870.73	1.65e-03		0.0	1969.30	-2138.22	-36.58-1.974e+04	8870.64	3.910e+04
						27.3	1969.30	-231.25	-36.58-2.021e+04	7870.68	6680.18
152	87	4.139e+04	9030.43	-3.73e-03	-1.38	54.7	1969.30	1688.06	-36.58-2.088e+04	6870.73	2.657e+04
		7752.38	6149.44	1.75e-03		0.0	2139.36	-2227.86	-52.70-2.051e+04	9030.43	4.139e+04
						27.3	2139.36	-209.59	-52.70-2.101e+04	7589.94	8035.66
152	91	3.910e+04	8870.64	-3.33e-03	-1.31	54.7	2139.36	1822.56	-52.70-2.171e+04	6149.44	3.006e+04
		6298.92	6870.73	1.65e-03		0.0	1969.30	-2138.22	-36.58-1.974e+04	8870.64	3.910e+04
						27.3	1969.30	-231.25	-36.58-2.021e+04	7870.68	6680.18
152	92	4.047e+04	8966.51	-3.57e-03	-1.35	54.7	1969.30	1688.06	-36.58-2.088e+04	6870.73	2.657e+04
		7170.99	6437.96	1.71e-03		0.0	2071.33	-2192.01	-46.25-2.020e+04	8966.51	4.047e+04
						27.3	2071.33	-218.25	-46.25-2.069e+04	7702.24	7493.47
153	4	4.758e+04	-6028.30	-0.03	-1.77	54.7	2071.33	1768.76	-46.25-2.138e+04	6437.96	2.866e+04
		-1.144e+04	-2.667e+04	5.41e-03		0.0	2667.40	-1652.95	-389.43	-2489.81	-6028.30
						26.5	2667.40	819.24	-389.43	-2387.72	-1.635e+04
153	5	3.233e+04	-4200.38	-0.02	-1.16	53.0	2667.40	3389.17	-389.43	-2306.58	-2.667e+04
		-8213.07	-1.971e+04	3.90e-03		0.0	1699.43	-1012.70	-292.69	-1783.90	-4200.38
						26.5	1699.43	592.41	-292.69	-1715.66	-1.196e+04
153	11	4.695e+04	-6042.01	-0.03	-1.73	53.0	1699.43	2262.93	-292.69	-1662.48	-1.971e+04
		-1.146e+04	-2.700e+04	5.41e-03		0.0	2590.61	-1599.71	-395.52	-2501.53	-6042.01
						26.5	2590.61	819.64	-395.52	-2397.44	-1.652e+04
153	27	3.488e+04	-8266.14	0.02	-1.29	53.0	2590.61	3335.08	-395.52	-2314.37	-2.700e+04
		-7817.29	-4.286e+04	8.19e-03		0.0	1678.89	-981.35	-653.89	-3654.18	-8266.14
						26.5	1678.89	652.65	-653.89	-3469.74	-2.557e+04
153	30	3.213e+04	3169.19	-0.02	-1.16	53.0	1678.89	2436.49	-653.89	-3315.85	-4.286e+04
		-8894.31	-347.51	-2.63e-04		0.0	1923.30	-1192.49	67.45	23.21	-347.51
						26.5	1923.30	551.02	67.45	-21.23	1410.84
153	32	3.104e+04	-1205.81	0.01	-1.09	53.0	1923.30	2281.04	67.45	-65.74	3169.19
		-9237.74	-1.989e+04	6.25e-03		0.0	2371.31	-1367.22	-345.65	-2175.62	-1205.81
						26.5	2371.31	489.53	-345.65	-2086.48	-1.055e+04
153	33	3.598e+04	-7407.84	-0.03	-1.35	53.0	2371.31	2282.59	-345.65	-2015.53	-1.989e+04
		-7893.11	-1.981e+04	1.68e-03		0.0	1230.87	-806.63	-240.79	-1455.34	-7407.84
						26.5	1230.87	714.15	-240.79	-1404.49	-1.361e+04
153	35	3.628e+04	-8920.11	0.03	-1.36	53.0	1230.87	2434.95	-240.79	-1366.06	-1.981e+04
		-7705.28	-3.142e+04	4.01e-03		0.0	1260.23	-792.02	-431.45	-2579.80	-8920.11
						26.5	1260.23	722.51	-431.45	-2458.28	-2.017e+04
153	42	3.106e+04	569.02	-0.01	-1.07	53.0	1260.23	2460.97	-431.45	-2358.42	-3.142e+04
		-9462.82	-6688.38	3.04e-03		0.0	2330.35	-1378.74	-133.58	-1042.06	569.02
						26.5	2330.35	490.70	-133.58	-1022.66	-3059.68
153	59	3.537e+04	-9675.66	0.03	-1.31	53.0	2330.35	2250.28	-133.58	-1011.84	-6688.38
		-7625.59	-5.106e+04	9.70e-03		0.0	1635.39	-943.77	-782.29	-4308.75	-9675.66
						26.5	1635.39	670.74	-782.29	-4083.57	-3.037e+04
153	62	3.164e+04	1.136e+04	-0.02	-1.13	53.0	1635.39	2464.16	-782.29	-3894.37	-5.106e+04
		-9086.01	1062.01	-1.77e-03		0.0	1966.80	-1230.07	195.85	677.79	1062.01
						26.5	1966.80	532.93	195.85	592.60	6212.57
153	64	3.016e+04	-101.85	9.10e-03	-1.05	53.0	1966.80	2253.37	195.85	512.78	1.136e+04
		-9630.65	-1.990e+04	7.07e-03		0.0	2574.31	-1467.00	-364.31	-2303.83	-101.85
						26.5	2574.31	449.55	-364.31	-2207.87	-1.000e+04
153	65	3.686e+04	-8511.80	-0.03	-1.39	53.0	2574.31	2255.47	-364.31	-2131.14	-1.990e+04
		-7899.63	-1.979e+04	9.46e-04		0.0	1027.87	-706.84	-222.13	-1327.13	-8511.80
						26.5	1027.87	754.13	-222.13	-1283.10	-1.415e+04
153	67	3.726e+04	-1.056e+04	0.03	-1.42	53.0	1027.87	2462.07	-222.13	-1250.45	-1.979e+04
		-7644.93	-3.554e+04	4.03e-03		0.0	1067.68	-687.03	-480.65	-2851.89	-1.056e+04
						26.5	1067.68	765.47	-480.65	-2712.03	-2.305e+04
153	74	3.018e+04	2304.82	-8.30e-03	-1.02	53.0	1067.68	2497.35	-480.65	-2596.09	-3.554e+04
		-9935.83	-2003.76	2.71e-03		0.0	2518.76	-1482.62	-76.75	-766.72	2304.82
						26.5	2518.76	451.13	-76.75	-765.34	150.53
153	79	3.269e+04	-4233.19	-0.02	-1.18	53.0	2518.76	2211.66	-76.75	-770.13	-2003.76
		-8258.24	-1.975e+04	3.92e-03		0.0	1729.40	-1034.79	-292.83	-1794.92	-4233.19
						26.5	1729.40	595.40	-292.83	-1726.66	-1.199e+04
153	82	3.584e+04	-4561.41	-0.02	-1.33	53.0	1729.40	2291.86	-292.83	-1673.55	-1.975e+04
		-8696.01	-2.039e+04	4.12e-03		0.0	1988.87	-1225.21	-298.57	-1891.85	-4561.41
						26.5	1988.87	623.56	-298.57	-1814.70	-1.247e+04
153	85	3.542e+04	-4570.56	-0.02	-1.30	53.0	1988.87	2545.74	-298.57	-1753.48	-2.039e+04
		-8711.02	-2.061e+04	4.12e-03		0.0	1937.68	-1189.72	-302.63	-1899.66	-4570.56
						26.5	1937.68	623.82	-302.63	-1821.18	-1.259e+04
153	86	3.269e+04	-4233.19	-0.02	-1.18	53.0	1937.68	2509.68	-302.63	-1758.67	-2.061e+04
		-8258.24	-1.975e+04	3.92e-03		0.0	1729.40	-1034.79	-292.83	-1794.92	-4233.19
						26.5	1729.40	595.40	-292.83	-1726.66	-1.199e+04
153	87	3.406e+04	-4355.91	-0.02	-1.24	53.0	1729.40	2291.86	-292.83	-1673.55	-1.975e+04
		-8420.84	-1.991e+04	4.00e-03		0.0	1848.89	-1121.68	-293.48	-1829.19	-4355.91
						26.5	1848.89	606.13	-293.48	-1758.03	-1.213e+04
						53.0	1848.89	2403.38	-293.48	-1702.29	-1.991e+04

153	90	3.367e+04	-4339.94	-0.02	-1.23	0.0	1809.29	-1093.58	-295.00	-1826.84	-4339.94	1023.95
		-8400.83	-1.997e+04	3.98e-03		26.5	1809.29	604.52	-295.00	-1755.60	-1.216e+04	-5604.70
						53.0	1809.29	2371.11	-295.00	-1699.77	-1.997e+04	3.367e+04
153	91	3.269e+04	-4233.19	-0.02	-1.18	0.0	1729.40	-1034.79	-292.83	-1794.92	-4233.19	540.99
		-8258.24	-1.975e+04	3.92e-03		26.5	1729.40	595.40	-292.83	-1726.66	-1.199e+04	-5424.63
						53.0	1729.40	2291.86	-292.83	-1673.55	-1.975e+04	3.269e+04
153	92	3.351e+04	-4306.83	-0.02	-1.22	0.0	1801.09	-1086.92	-293.22	-1815.48	-4306.83	1006.58
		-8355.80	-1.985e+04	3.97e-03		26.5	1801.09	601.84	-293.22	-1745.48	-1.208e+04	-5568.69
						53.0	1801.09	2358.77	-293.22	-1690.80	-1.985e+04	3.351e+04
154	4	7.365e+04	9643.28	0.03	-2.06	0.0	-172.27	-7161.88	-131.43	-2392.15	9643.28	7.365e+04
		-1.568e+05	-6128.65	0.02		60.0	-172.27	-576.84	-131.43	-1938.43	1757.31	-1.554e+05
						120.0	-172.27	5829.58	-131.43	-1588.85	-6128.65	686.00
154	7	5.729e+04	7204.48	0.02	-1.58	0.0	-92.67	-5516.28	-98.56	-1785.22	7204.48	5.729e+04
		-1.206e+05	-4622.35	0.01		60.0	-92.67	-456.03	-98.56	-1444.45	1291.07	-1.195e+05
						120.0	-92.67	4463.48	-98.56	-1181.29	-4622.35	-377.78
154	9	5.653e+04	1.073e+04	0.02	-1.83	0.0	-516.25	-6196.55	-139.38	-2432.93	1.073e+04	5.653e+04
		-1.375e+05	-5996.27	0.02		60.0	-516.25	-354.69	-139.38	-1986.85	2366.28	-1.375e+05
						120.0	-516.25	5375.29	-139.38	-1647.51	-5996.27	1.163e+04
154	11	6.931e+04	1.009e+04	0.03	-2.01	0.0	-284.02	-6944.97	-135.65	-2459.51	1.009e+04	6.931e+04
		-1.525e+05	-6191.44	0.02		60.0	-284.02	-516.80	-135.65	-1995.75	1947.67	-1.516e+05
						120.0	-284.02	5750.03	-135.65	-1639.23	-6191.44	3918.11
154	24	3.808e+04	2.055e+04	0.02	-1.41	0.0	-198.37	-4877.01	-236.02	-3365.31	2.055e+04	3.808e+04
		-1.064e+05	-7918.70	0.02		60.0	-198.37	-383.78	-236.02	-2649.90	6314.89	-1.055e+05
						120.0	-198.37	4116.58	-236.02	-2076.73	-7918.70	2787.64
154	31	7.349e+04	1.014e+04	0.02	-1.48	0.0	-1034.28	-3998.48	-172.56	-2662.66	1.014e+04	7.349e+04
		-9.827e+04	-1.012e+04	0.01		60.0	-1034.28	147.90	-172.56	-2129.57	9.83	-9.827e+04
						120.0	-1034.28	4146.53	-172.56	-1711.93	-1.012e+04	2.941e+04
154	34	1.492e+04	5592.29	0.02	-1.32	0.0	370.26	-5503.94	-32.28	-850.53	5592.29	1.492e+04
		-1.151e+05	1272.19	0.01		60.0	370.26	-727.71	-32.28	-741.86	3432.24	-1.118e+05
						120.0	370.26	4016.56	-32.28	-672.02	1272.19	-1.434e+04
154	39	7.271e+04	1.045e+04	0.02	-1.48	0.0	-1036.49	-4010.40	-179.88	-2679.86	1.045e+04	7.271e+04
		-9.822e+04	-1.066e+04	0.02		60.0	-1036.49	134.98	-179.88	-2156.75	-108.36	-9.822e+04
						120.0	-1036.49	4135.31	-179.88	-1750.90	-1.066e+04	2.859e+04
154	42	1.571e+04	5284.79	0.02	-1.32	0.0	372.46	-5492.02	-24.96	-833.32	5284.79	1.571e+04
		-1.151e+05	1816.08	7.19e-03		60.0	372.46	-714.79	-24.96	-714.68	3550.43	-1.119e+05
						120.0	372.46	4027.78	-24.96	-633.04	1816.08	-1.351e+04
154	43	7.234e+04	1.053e+04	0.02	-1.48	0.0	-1033.76	-4019.38	-181.90	-2576.98	1.053e+04	7.234e+04
		-9.825e+04	-1.082e+04	0.02		60.0	-1033.76	129.45	-181.90	-2072.80	-147.32	-9.825e+04
						120.0	-1033.76	4143.71	-181.90	-1681.42	-1.082e+04	2.831e+04
154	56	3.590e+04	2.506e+04	0.02	-1.41	0.0	-150.79	-4921.79	-283.58	-3938.01	2.506e+04	3.590e+04
		-1.068e+05	-9162.82	0.03		60.0	-150.79	-417.20	-283.58	-3082.15	7950.30	-1.056e+05
						120.0	-150.79	4129.05	-283.58	-2391.70	-9162.82	1096.38
154	63	8.392e+04	1.095e+04	0.02	-1.53	0.0	-1284.29	-3730.51	-197.52	-2985.22	1.095e+04	8.392e+04
		-9.631e+04	-1.215e+04	0.01		60.0	-1284.29	303.75	-197.52	-2376.58	-599.36	-9.586e+04
						120.0	-1284.29	4169.66	-197.52	-1897.03	-1.215e+04	3.720e+04
154	66	4500.01	4782.82	-0.02	-1.29	0.0	620.26	-5771.91	-7.31	-527.97	4782.82	4500.01
		-1.186e+05	3300.04	0.01		60.0	620.26	-883.57	-7.31	-494.85	4041.43	-1.143e+05
						120.0	620.26	3993.43	-7.31	-486.92	3300.04	-2.212e+04
154	71	8.286e+04	1.137e+04	0.02	-1.53	0.0	-1287.28	-3746.67	-207.45	-3008.55	1.137e+04	8.286e+04
		-9.610e+04	-1.289e+04	0.02		60.0	-1287.28	286.23	-207.45	-2413.44	-759.62	-9.579e+04
						120.0	-1287.28	4154.45	-207.45	-1949.88	-1.289e+04	3.609e+04
154	74	5558.83	4365.84	-0.02	-1.29	0.0	623.25	-5755.75	2.62	-504.64	4365.84	5558.83
		-1.186e+05	4037.54	5.69e-03		60.0	623.25	-866.04	2.62	-457.99	4201.69	-1.143e+05
						120.0	623.25	4008.64	2.62	-434.06	4037.54	-2.101e+04
154	75	8.235e+04	1.148e+04	0.02	-1.53	0.0	-1283.59	-3758.86	-210.20	-2869.04	1.148e+04	8.235e+04
		-9.606e+04	-1.310e+04	0.02		60.0	-1283.59	278.74	-210.20	-2299.60	-812.45	-9.582e+04
						120.0	-1283.59	4165.85	-210.20	-1855.66	-1.310e+04	3.571e+04
154	81	5.273e+04	7438.04	0.02	-1.52	0.0	-177.19	-5250.16	-99.93	-1774.31	7438.04	5.273e+04
		-1.153e+05	-4554.12	0.01		60.0	-177.19	-397.98	-99.93	-1441.65	1441.96	-1.145e+05
						120.0	-177.19	4331.38	-99.93	-1186.45	-4554.12	2399.43
154	82	5.349e+04	7550.25	0.02	-1.54	0.0	-185.34	-5319.39	-101.68	-1826.81	7550.25	5.349e+04
		-1.167e+05	-4651.73	0.01		60.0	-185.34	-404.27	-101.68	-1482.41	1449.26	-1.159e+05
						120.0	-185.34	4385.42	-101.68	-1217.67	-4651.73	2351.76
154	83	4.208e+04	8273.95	0.02	-1.39	0.0	-414.66	-4675.83	-106.98	-1853.99	8273.95	4.208e+04
		-1.040e+05	-4563.48	0.01		60.0	-414.66	-256.17	-106.98	-1514.69	1855.24	-1.040e+05
						120.0	-414.66	4082.56	-106.98	-1256.78	-4563.48	9645.44
154	85	5.060e+04	7845.91	0.02	-1.51	0.0	-259.84	-5174.78	-104.50	-1571.71	7845.91	5.060e+04
		-1.139e+05	-4693.59	0.01		60.0	-259.84	-364.25	-104.50	-1520.63	1576.16	-1.134e+05
						120.0	-259.84	4332.39	-104.50	-1251.26	-4693.59	4506.49
154	87	4.664e+04	7743.78	0.02	-1.43	0.0	-287.78	-4893.77	-101.71	-1761.65	7743.78	4.664e+04
		-1.081e+05	-4461.18	0.01		60.0	-287.78	-320.78	-101.71	-1437.41	1641.30	-1.077e+05
						120.0	-287.78	4152.93	-101.71	-1190.40	-4461.18	6070.11
154	88	4.086e+04	8094.41	0.02	-1.36	0.0	-401.62	-4565.07	-104.18	-1770.00	8094.41	4.086e+04
		-1.016e+05	-4407.29	0.01		60.0	-401.62	-246.10	-104.18	-1449.47	1843.56	-1.016e+05
						120.0	-401.62	3996.09	-104.18	-1206.83	-4407.29	9721.72
154	90	4.451e+04	7910.96	0.02	-1.41	0.0	-335.27	-4778.90	-103.12	-1777.59	7910.96	4.451e+04
		-1.058e+05	-4463.05	0.01		60.0	-335.27	-292.42	-103.12	-1452.02	1723.95	-1.056e+05

						120.0	-335.27	4103.16	-103.12	-1204.46	-4463.05	7519.31
154	91	4.056e+04	8049.52	0.02	-1.35	0.0	-398.36	-4537.37	-103.48	-1749.00	8049.52	4.056e+04
		-1.010e+05	-4368.24	0.01		60.0	-398.36	-243.59	-103.48	-1433.17	1840.64	-1.010e+05
						120.0	-398.36	3974.48	-103.48	-1194.34	-4368.24	9740.79
154	92	4.421e+04	7866.08	0.02	-1.40	0.0	-332.01	-4751.21	-102.42	-1756.59	7866.08	4.421e+04
		-1.052e+05	-4424.01	0.01		60.0	-332.01	-289.91	-102.42	-1435.71	1721.04	-1.051e+05
						120.0	-332.01	4081.55	-102.42	-1191.97	-4424.01	7538.38
155	4	9.819e+04	8162.04	0.03	-2.50	0.0	3529.25	-5576.19	21.78	-1956.53	7258.03	9.819e+04
		-1.370e+04	7258.03	4.14e-03		20.8	3529.25	-2679.52	21.78	-1736.00	7710.04	1.270e+04
						41.5	3529.25	118.42	21.78	-1528.12	8162.04	-1.370e+04
155	5	5.852e+04	6909.70	0.02	-1.61	0.0	1868.48	-3437.07	17.02	-1394.88	6203.44	5.852e+04
		-8050.40	6203.44	2.70e-03		20.8	1868.48	-1588.37	17.02	-1240.29	6556.57	6482.98
						41.5	1868.48	199.79	17.02	-1094.73	6909.70	-7817.54
155	7	7.592e+04	6099.41	0.02	-1.92	0.0	2757.50	-4299.26	16.70	-1463.24	5406.55	7.592e+04
		-1.061e+04	5406.55	3.18e-03		20.8	2757.50	-2072.44	16.70	-1297.80	5752.98	9942.29
						41.5	2757.50	78.31	16.70	-1141.81	6099.41	-1.061e+04
155	9	8.216e+04	9108.15	-0.02	-2.22	0.0	2682.95	-4793.20	22.20	-1953.72	8186.80	8.216e+04
		-1.134e+04	8186.80	3.72e-03		20.8	2682.95	-2232.97	22.20	-1735.75	8647.47	9401.03
						41.5	2682.95	242.50	22.20	-1530.42	9108.15	-1.110e+04
155	24	6.304e+04	1.662e+04	0.02	-1.72	0.0	2141.67	-3711.81	15.12	-2595.16	1.559e+04	6.304e+04
		-9447.62	1.559e+04	4.81e-03		20.8	2141.67	-1755.30	15.12	-2255.06	1.610e+04	7253.78
						41.5	2141.67	147.72	15.12	-1930.28	1.662e+04	-9382.01
155	26	6.186e+04	-2568.30	-0.02	-1.65	0.0	2159.05	-3800.29	29.21	-145.06	-4069.68	6.186e+04
		-1.011e+04	-4069.68	6.91e-04		20.8	2159.05	-1799.41	29.21	-186.07	-3318.99	7049.89
						41.5	2159.05	134.98	29.21	-227.24	-2568.30	-1.005e+04
155	31	6.705e+04	9677.35	0.01	-1.77	0.0	2012.50	-3417.86	-4.32	-2000.07	9677.35	6.705e+04
		-5144.06	8342.28	3.51e-03		20.8	2012.50	-1543.95	-4.32	-1752.10	9009.81	8514.29
						41.5	2012.50	248.79	-4.32	-1520.74	8342.28	-4783.88
155	34	5.985e+04	5025.96	-0.02	-1.63	0.0	2226.57	-3946.02	38.13	-825.09	2287.78	5.985e+04
		-1.244e+04	2287.78	2.16e-03		20.8	2226.57	-1907.33	38.13	-759.19	3656.87	6403.27
						41.5	2226.57	82.69	38.13	-694.96	5025.96	-1.244e+04
155	39	6.694e+04	9579.60	0.01	-1.77	0.0	2004.85	-3422.40	-0.16	-2003.30	9579.60	6.694e+04
		-5209.18	8621.67	4.00e-03		20.8	2004.85	-1548.62	-0.16	-1754.41	9100.64	8535.13
						41.5	2004.85	244.03	-0.16	-1519.73	8621.67	-4861.41
155	42	5.997e+04	4746.57	-0.02	-1.63	0.0	2234.22	-3941.48	33.97	-821.86	2385.53	5.997e+04
		-1.236e+04	2385.53	1.66e-03		20.8	2234.22	-1902.66	33.97	-756.87	3566.05	6382.44
						41.5	2234.22	87.45	33.97	-695.97	4746.57	-1.236e+04
155	56	6.289e+04	2.016e+04	0.02	-1.72	0.0	2149.55	-3722.44	14.49	-3016.15	1.901e+04	6.289e+04
		-9699.70	1.901e+04	5.51e-03		20.8	2149.55	-1765.86	14.49	-2610.86	1.958e+04	7180.79
						41.5	2149.55	141.30	14.49	-2223.07	2.016e+04	-9656.36
155	58	6.129e+04	-5862.17	-0.02	-1.65	0.0	2173.12	-3842.42	33.59	306.18	-7648.28	6.129e+04
		-1.059e+04	-7648.28	7.57e-05		20.8	2173.12	-1825.67	33.59	194.69	-6755.22	6904.32
						41.5	2173.12	124.03	33.59	86.26	-5862.17	-1.056e+04
155	63	6.834e+04	1.099e+04	0.01	-1.79	0.0	1974.40	-3323.85	-11.87	-2209.22	1.099e+04	6.834e+04
		-3864.12	8932.58	3.75e-03		20.8	1974.40	-1479.26	-11.87	-1928.83	9962.64	8890.05
						41.5	1974.40	278.36	-11.87	-1667.73	8932.58	-3421.34
155	66	5.857e+04	4435.66	-0.02	-1.61	0.0	2264.67	-4040.04	45.68	-615.95	972.44	5.857e+04
		-1.380e+04	972.44	1.91e-03		20.8	2264.67	-1972.01	45.68	-582.45	2704.05	6027.51
						41.5	2264.67	53.13	45.68	-547.97	4435.66	-1.380e+04
155	71	6.818e+04	1.086e+04	0.01	-1.79	0.0	1964.02	-3330.01	-6.23	-2213.60	1.086e+04	6.818e+04
		-3952.38	9311.44	4.42e-03		20.8	1964.02	-1485.60	-6.23	-1931.98	1.009e+04	8918.31
						41.5	1964.02	271.90	-6.23	-1666.36	9311.44	-3526.43
155	74	5.873e+04	4056.79	-0.02	-1.61	0.0	2275.04	-4033.88	40.04	-611.57	1104.99	5.873e+04
		-1.370e+04	1104.99	1.24e-03		20.8	2275.04	-1965.68	40.04	-579.31	2580.89	5999.26
						41.5	2275.04	59.58	40.04	-549.34	4056.79	-1.370e+04
155	79	5.997e+04	6846.18	0.02	-1.64	0.0	1941.73	-3509.50	16.97	-1398.91	6141.94	5.997e+04
		-8254.89	6141.94	2.74e-03		20.8	1941.73	-1628.82	16.97	-1244.14	6494.06	6766.92
						41.5	1941.73	190.04	16.97	-1098.43	6846.18	-8052.20
155	81	7.158e+04	6305.99	0.02	-1.84	0.0	2534.41	-4084.30	16.75	-1444.48	5610.68	7.158e+04
		-9915.98	5610.68	3.06e-03		20.8	2534.41	-1951.54	16.75	-1282.48	5958.34	9073.13
						41.5	2534.41	109.05	16.75	-1129.82	6305.99	-9915.98
155	82	7.249e+04	6396.53	0.02	-1.87	0.0	2562.90	-4137.11	16.82	-1488.19	5698.61	7.249e+04
		-1.005e+04	5698.61	3.10e-03		20.8	2562.90	-1976.56	16.82	-1320.65	6047.57	9179.82
						41.5	2562.90	110.79	16.82	-1162.74	6396.53	-1.005e+04
155	83	6.180e+04	7027.27	0.02	-1.68	0.0	1998.70	-3615.11	17.10	-1486.32	6317.79	6.180e+04
		-8521.45	6317.79	2.82e-03		20.8	1998.70	-1678.86	17.10	-1320.48	6672.53	6980.32
						41.5	1998.70	193.50	17.10	-1164.27	7027.27	-8318.29
155	86	5.997e+04	6846.18	0.02	-1.64	0.0	1941.73	-3509.50	16.97	-1398.91	6141.94	5.997e+04
		-8254.89	6141.94	2.74e-03		20.8	1941.73	-1628.82	16.97	-1244.14	6494.06	6766.92
						41.5	1941.73	190.04	16.97	-1098.43	6846.18	-8052.20
155	87	6.577e+04	6576.08	0.02	-1.74	0.0	2238.07	-3796.90	16.86	-1421.70	5876.31	6.577e+04
		-9062.55	5876.31	2.90e-03		20.8	2238.07	-1790.18	16.86	-1263.31	6226.20	7920.03
						41.5	2238.07	149.55	16.86	-1114.13	6576.08	-8984.09
155	88	6.034e+04	6882.39	0.02	-1.65	0.0	1953.12	-3530.62	16.99	-1416.39	6177.11	6.034e+04
		-8308.20	6177.11	2.75e-03		20.8	1953.12	-1638.83	16.99	-1259.41	6529.75	6809.60
						41.5	1953.12	190.73	16.99	-1111.60	6882.39	-8105.42
155	91	5.997e+04	6846.18	0.02	-1.64	0.0	1941.73	-3509.50	16.97	-1398.91	6141.94	5.997e+04

		-8254.89	6141.94	2.74e-03		20.8	1941.73	-1628.82	16.97	-1244.14	6494.06	6766.92
						41.5	1941.73	190.04	16.97	-1098.43	6846.18	-8052.20
155	92	6.345e+04	6684.12	0.02	-1.70	0.0	2119.53	-3681.94	16.90	-1412.58	5982.57	6.345e+04
		-8739.49	5982.57	2.83e-03		20.8	2119.53	-1725.64	16.90	-1255.64	6333.34	7458.78
						41.5	2119.53	165.74	16.90	-1107.85	6684.12	-8611.33
156	4	9.819e+04	6123.95	-0.02	-2.62	0.0	2738.27	-2423.55	41.05	-1724.45	4420.54	7.193e+04
		5.219e+04	4420.54	3.30e-03		20.8	2738.27	642.76	41.05	-1479.44	5272.25	5.355e+04
						41.5	2738.27	3648.44	41.05	-1245.31	6123.95	9.819e+04
156	5	5.852e+04	5325.24	-0.01	-1.69	0.0	1424.08	-1588.63	32.29	-1185.15	3985.31	4.357e+04
		3.031e+04	3985.31	1.98e-03		20.8	1424.08	366.55	32.29	-1013.58	4655.27	3.095e+04
						41.5	1424.08	2283.41	32.29	-849.45	5325.24	5.852e+04
156	7	7.592e+04	4559.99	0.01	-2.01	0.0	2143.33	-1858.51	31.14	-1294.59	3267.88	5.555e+04
		4.044e+04	3267.88	2.55e-03		20.8	2143.33	498.74	31.14	-1110.80	3913.93	4.151e+04
						41.5	2143.33	2809.43	31.14	-935.16	4559.99	7.592e+04
156	9	8.216e+04	6992.26	-0.01	-2.33	0.0	2050.74	-2189.24	42.69	-1671.33	5220.78	6.097e+04
		4.277e+04	5220.78	2.77e-03		20.8	2050.74	519.42	42.69	-1429.44	6106.52	4.372e+04
						41.5	2050.74	3174.65	42.69	-1198.06	6992.26	8.216e+04
156	18	6.164e+04	-3429.38	-0.01	-1.74	0.0	1651.62	-1689.70	21.97	-83.28	-4630.06	4.574e+04
		3.211e+04	-4630.06	1.95e-03		20.8	1651.62	390.92	21.97	-141.86	-4029.72	3.283e+04
						41.5	1651.62	2376.73	21.97	-200.41	-3429.38	6.164e+04
156	24	6.304e+04	1.419e+04	0.01	-1.80	0.0	1681.06	-1651.99	57.81	-2016.70	1.154e+04	4.676e+04
		3.282e+04	1.154e+04	2.99e-03		20.8	1681.06	399.79	57.81	-1635.53	1.287e+04	3.356e+04
						41.5	1681.06	2433.07	57.81	-1265.66	1.419e+04	6.304e+04
156	31	6.705e+04	7004.99	6.34e-03	-1.82	0.0	1494.94	-1643.87	24.91	-1725.32	6914.34	4.935e+04
		3.548e+04	6914.34	2.27e-03		20.8	1494.94	430.32	24.91	-1493.38	6959.67	3.634e+04
						41.5	1494.94	2525.23	24.91	-1275.90	7004.99	6.705e+04
156	34	5.985e+04	3220.54	-0.02	-1.74	0.0	1759.18	-1687.33	38.98	-704.41	659.96	4.459e+04
		3.088e+04	659.96	2.01e-03		20.8	1759.18	377.58	38.98	-587.75	1940.25	3.154e+04
						41.5	1759.18	2340.48	38.98	-471.92	3220.54	5.985e+04
156	40	6.046e+04	7142.10	0.02	-1.76	0.0	1774.83	-1677.71	42.90	-1408.36	5643.92	4.498e+04
		3.120e+04	5643.92	1.59e-03		20.8	1774.83	382.66	42.90	-1150.73	6393.01	3.188e+04
						41.5	1774.83	2360.79	42.90	-897.55	7142.10	6.046e+04
156	41	6.645e+04	3083.44	-6.46e-03	-1.80	0.0	1479.29	-1653.49	20.98	-1021.38	1930.39	4.896e+04
		3.515e+04	1930.39	2.69e-03		20.8	1479.29	425.24	20.98	-930.40	2506.91	3.600e+04
						41.5	1479.29	2504.93	20.98	-850.28	3083.44	6.645e+04
156	50	6.099e+04	-6470.39	-0.01	-1.74	0.0	1660.36	-1698.28	18.42	319.57	-7626.59	4.530e+04
		3.172e+04	-7626.59	1.88e-03		20.8	1660.36	386.28	18.42	178.08	-7048.49	3.243e+04
						41.5	1660.36	2356.75	18.42	39.35	-6470.39	6.099e+04
156	56	6.289e+04	1.743e+04	0.01	-1.81	0.0	1700.28	-1647.15	67.02	-2302.16	1.430e+04	4.669e+04
		3.270e+04	1.430e+04	3.29e-03		20.8	1700.28	398.31	67.02	-1847.34	1.586e+04	3.343e+04
						41.5	1700.28	2433.14	67.02	-1405.12	1.743e+04	6.289e+04
156	63	6.834e+04	8027.62	4.63e-03	-1.83	0.0	1447.90	-1636.13	22.40	-1907.05	8027.62	5.020e+04
		3.629e+04	7678.63	2.31e-03		20.8	1447.90	439.71	22.40	-1654.58	7853.13	3.719e+04
						41.5	1447.90	2558.12	22.40	-1419.01	7678.63	6.834e+04
156	66	5.857e+04	2546.91	-0.02	-1.73	0.0	1806.22	-1695.07	41.48	-522.69	-453.32	4.374e+04
		3.005e+04	-453.32	1.96e-03		20.8	1806.22	368.19	41.48	-426.55	1046.79	3.069e+04
						41.5	1806.22	2307.60	41.48	-328.81	2546.91	5.857e+04
156	72	5.939e+04	7864.54	0.02	-1.76	0.0	1827.43	-1682.03	46.81	-1477.24	6304.93	4.427e+04
		3.050e+04	6304.93	1.39e-03		20.8	1827.43	375.08	46.81	-1189.95	7084.73	3.115e+04
						41.5	1827.43	2335.13	46.81	-905.96	7864.54	5.939e+04
156	73	6.752e+04	2361.00	-4.80e-03	-1.80	0.0	1426.69	-1649.17	17.08	-952.49	1269.38	4.967e+04
		3.585e+04	1269.38	2.88e-03		20.8	1426.69	432.82	17.08	-891.18	1815.19	3.673e+04
						41.5	1426.69	2530.58	17.08	-841.86	2361.00	6.752e+04
156	79	5.997e+04	5265.82	-0.01	-1.71	0.0	1483.21	-1611.62	32.17	-1192.98	3930.64	4.458e+04
		3.115e+04	3930.64	2.02e-03		20.8	1483.21	377.51	32.17	-1021.12	4598.23	3.183e+04
						41.5	1483.21	2327.65	32.17	-856.77	5265.82	5.997e+04
156	81	7.157e+04	4755.65	-0.01	-1.93	0.0	1962.71	-1791.54	31.40	-1265.94	3452.35	5.256e+04
		3.790e+04	3452.35	2.41e-03		20.8	1962.71	465.64	31.40	-1085.94	4104.00	3.887e+04
						41.5	1962.71	2678.33	31.40	-913.91	4755.65	7.157e+04
156	82	7.249e+04	4824.35	-0.01	-1.96	0.0	1983.86	-1815.26	31.73	-1303.48	3507.56	5.323e+04
		3.838e+04	3507.56	2.44e-03		20.8	1983.86	471.53	31.73	-1117.42	4165.96	3.936e+04
						41.5	1983.86	2713.15	31.73	-939.56	4824.35	7.249e+04
156	83	6.180e+04	5403.22	-0.01	-1.76	0.0	1525.50	-1659.05	32.82	-1268.06	4041.05	4.592e+04
		3.211e+04	4041.05	2.09e-03		20.8	1525.50	389.31	32.82	-1084.08	4722.14	3.281e+04
						41.5	1525.50	2397.29	32.82	-908.06	5403.22	6.180e+04
156	86	5.997e+04	5265.82	-0.01	-1.71	0.0	1483.21	-1611.62	32.17	-1192.98	3930.64	4.458e+04
		3.115e+04	3930.64	2.02e-03		20.8	1483.21	377.51	32.17	-1021.12	4598.23	3.183e+04
						41.5	1483.21	2327.65	32.17	-856.77	5265.82	5.997e+04
156	87	6.577e+04	5010.73	-0.01	-1.82	0.0	1722.96	-1701.58	31.79	-1229.46	3691.49	4.857e+04
		3.453e+04	3691.49	2.21e-03		20.8	1722.96	421.57	31.79	-1053.53	4351.11	3.535e+04
						41.5	1722.96	2502.99	31.79	-885.34	5010.73	6.577e+04
156	88	6.034e+04	5293.30	-0.01	-1.72	0.0	1491.67	-1621.11	32.30	-1208.00	3952.72	4.485e+04
		3.134e+04	3952.72	2.03e-03		20.8	1491.67	379.87	32.30	-1033.72	4623.01	3.203e+04
						41.5	1491.67	2341.58	32.30	-867.03	5293.30	6.034e+04
156	91	5.997e+04	5265.82	-0.01	-1.71	0.0	1483.21	-1611.62	32.17	-1192.98	3930.64	4.458e+04
		3.115e+04	3930.64	2.02e-03		20.8	1483.21	377.51	32.17	-1021.12	4598.23	3.183e+04
						41.5	1483.21	2327.65	32.17	-856.77	5265.82	5.997e+04

156	92	6.345e+04 3.318e+04	5112.77 3787.15	-0.01 2.14e-03	-1.78	0.0 20.8 41.5	1627.06 1627.06 1627.06	-1665.60 403.95 2432.86	31.94 31.94 31.94	-1214.87 -1040.57 -873.91	3787.15 4449.96 5112.77	4.697e+04 3.394e+04 6.345e+04
157	4	7.193e+04 7679.69	3917.13 2194.61	-9.52e-03 3.34e-03	-2.58	0.0 25.5 51.0	2499.40 2499.40 2499.40	-3093.57 626.68 4306.30	33.77 33.77 33.77	-1394.64 -1080.96 -778.85	2194.61 3055.87 3917.13	4.031e+04 8939.53 7.193e+04
157	5	4.357e+04 3338.53	3661.34 2124.62	-6.53e-03 1.78e-03	-1.66	0.0 25.5 51.0	1317.37 1317.37 1317.37	-2000.35 373.86 2720.11	30.13 30.13 30.13	-870.43 -652.53 -441.62	2124.62 2892.98 3661.34	2.474e+04 4059.63 4.357e+04
157	7	5.555e+04 6080.35	2890.54 1600.50	-7.24e-03 2.61e-03	-1.98	0.0 25.5 51.0	1954.84 1954.84 1954.84	-2375.06 484.33 3312.85	25.29 25.29 25.29	-1053.63 -818.19 -591.51	1600.50 2245.52 2890.54	3.110e+04 7057.13 5.555e+04
157	9	6.097e+04 5016.24	4752.25 2763.19	-9.01e-03 2.55e-03	-2.30	0.0 25.5 51.0	1890.76 1890.76 1890.76	-2764.44 525.10 3776.09	39.00 39.00 39.00	-1259.89 -952.19 -654.68	2763.19 3757.72 4752.25	3.451e+04 6037.99 6.097e+04
157	15	4.821e+04 4396.84	1.169e+04 9380.14	-5.41e-03 7.00e-04	-1.79	0.0 25.5 51.0	1484.26 1484.26 1484.26	-2071.49 424.31 2942.65	43.30 43.30 43.30	-1234.59 -835.01 -909.90	9380.14 1.054e+04 1.169e+04	2.686e+04 5245.50 4.821e+04
157	18	4.574e+04 3828.62	-4795.75 -5416.83	8.59e-03 3.32e-03	-1.72	0.0 25.5 51.0	1510.29 1510.29 1510.29	-2142.43 386.11 2834.59	14.20 14.20 14.20	-606.88 -562.51 -58.62	-5416.83 -5106.29 -4795.75	2.623e+04 4567.15 4.574e+04
157	31	4.935e+04 4873.92	6518.11 4854.89	-4.37e-03 1.30e-03	-1.78	0.0 25.5 51.0	1379.81 1379.81 1379.81	-2053.44 449.86 2965.19	25.48 25.48 25.48	-1252.80 -997.35 -893.95	4854.89 5686.50 6518.11	2.683e+04 5806.52 4.935e+04
157	34	4.459e+04 3351.54	377.87 -891.59	0.01 2.71e-03	-1.73	0.0 25.5 51.0	1614.73 1614.73 1614.73	-2160.48 360.55 2812.04	32.02 32.02 32.02	-588.67 -400.17 -74.58	-891.59 -256.86 377.87	2.626e+04 4006.12 4.459e+04
157	40	4.498e+04 3407.27	5264.31 3426.23	0.01 2.15e-03	-1.75	0.0 25.5 51.0	1634.04 1634.04 1634.04	-2146.18 365.36 2833.26	39.82 39.82 39.82	-793.41 -493.90 -337.54	3426.23 4345.27 5264.31	2.642e+04 4074.09 4.498e+04
157	41	4.896e+04 4818.19	1631.67 537.07	-4.67e-03 1.87e-03	-1.76	0.0 25.5 51.0	1360.50 1360.50 1360.50	-2067.74 445.06 2943.98	17.69 17.69 17.69	-1048.06 -903.62 -630.98	537.07 1084.37 1631.67	2.667e+04 5738.56 4.896e+04
157	47	4.865e+04 4497.98	1.463e+04 1.201e+04	-4.94e-03 2.33e-04	-1.81	0.0 25.5 51.0	1479.62 1479.62 1479.62	-2058.86 431.11 2961.88	48.48 48.48 48.48	-1346.32 -883.51 -1061.42	1.201e+04 1.332e+04 1.463e+04	2.698e+04 5366.24 4.865e+04
157	50	4.530e+04 3727.48	-7730.53 -8050.70	9.25e-03 3.79e-03	-1.72	0.0 25.5 51.0	1514.93 1514.93 1514.93	-2155.06 379.31 2815.35	9.02 9.02 9.02	-495.15 -514.01 92.90	-8050.70 -7890.61 -7730.53	2.612e+04 4446.40 4.530e+04
157	63	5.020e+04 5144.91	7611.08 5877.76	-3.53e-03 1.05e-03	-1.79	0.0 25.5 51.0	1338.00 1338.00 1338.00	-2034.39 465.76 2992.45	24.31 24.31 24.31	-1371.01 -1103.64 -1039.79	5877.76 6744.42 7611.08	2.694e+04 6126.99 5.020e+04
157	66	4.374e+04 3080.55	-715.09 -1914.46	0.02 2.97e-03	-1.72	0.0 25.5 51.0	1656.55 1656.55 1656.55	-2179.54 344.65 2784.78	33.19 33.19 33.19	-470.46 -293.88 71.27	-1914.46 -1314.78 -715.09	2.616e+04 3685.65 4.374e+04
157	72	4.427e+04 3156.13	5910.92 3940.50	0.02 2.19e-03	-1.75	0.0 25.5 51.0	1682.73 1682.73 1682.73	-2160.14 351.17 2813.55	43.76 43.76 43.76	-748.08 -420.96 -285.30	3940.50 4925.71 5910.92	2.638e+04 3777.82 4.427e+04
157	73	4.967e+04 5069.33	985.06 22.80	-3.94e-03 1.83e-03	-1.76	0.0 25.5 51.0	1311.81 1311.81 1311.81	-2053.78 459.24 2963.68	13.75 13.75 13.75	-1093.39 -976.56 -683.22	22.80 503.93 985.06	2.672e+04 6034.83 4.967e+04
157	79	4.458e+04 3564.37	3602.15 2086.48	-6.59e-03 1.84e-03	-1.69	0.0 25.5 51.0	1369.78 1369.78 1369.78	-2032.02 383.11 2770.07	29.72 29.72 29.72	-884.10 -665.63 -454.28	2086.48 2844.32 3602.15	2.528e+04 4306.82 4.458e+04
157	81	5.256e+04 5392.24	3088.28 1737.06	-7.06e-03 2.40e-03	-1.90	0.0 25.5 51.0	1794.76 1794.76 1794.76	-2281.83 456.76 3165.23	26.49 26.49 26.49	-1006.23 -776.07 -554.21	1737.06 2412.67 3088.28	2.952e+04 6305.15 5.256e+04
157	82	5.323e+04 5444.49	3131.16 1766.70	-7.19e-03 2.43e-03	-1.93	0.0 25.5 51.0	1813.97 1813.97 1813.97	-2312.21 462.70 3206.91	26.75 26.75 26.75	-1038.53 -800.66 -571.36	1766.70 2448.93 3131.16	2.989e+04 6369.13 5.323e+04
157	83	4.592e+04 3668.85	3687.91 2145.75	-6.85e-03 1.90e-03	-1.74	0.0 25.5 51.0	1408.21 1408.21 1408.21	-2092.78 394.98 2853.43	30.24 30.24 30.24	-948.70 -714.82 -488.58	2145.75 2916.83 3687.91	2.602e+04 4434.78 4.592e+04
157	86	4.458e+04 3564.37	3602.15 2086.48	-6.59e-03 1.84e-03	-1.69	0.0 25.5 51.0	1369.78 1369.78 1369.78	-2032.02 383.11 2770.07	29.72 29.72 29.72	-884.10 -665.63 -454.28	2086.48 2844.32 3602.15	2.528e+04 4306.82 4.458e+04
157	87	4.857e+04 4478.31	3345.22 1911.77	-6.82e-03 2.12e-03	-1.80	0.0 25.5 51.0	1582.27 1582.27 1582.27	-2156.92 419.94 2967.65	28.11 28.11 28.11	-945.16 -720.85 -504.25	1911.77 2628.49 3345.22	2.740e+04 5305.99 4.857e+04
157	88	4.484e+04 3585.26	3619.30 2098.33	-6.64e-03 1.86e-03	-1.70	0.0 25.5 51.0	1377.47 1377.47 1377.47	-2044.17 385.48 2786.74	29.82 29.82 29.82	-897.02 -675.47 -461.14	2098.33 2858.82 3619.30	2.542e+04 4332.41 4.484e+04
157	91	4.458e+04 3564.37	3602.15 2086.48	-6.59e-03 1.84e-03	-1.69	0.0 25.5 51.0	1369.78 1369.78 1369.78	-2032.02 383.11 2770.07	29.72 29.72 29.72	-884.10 -665.63 -454.28	2086.48 2844.32 3602.15	2.528e+04 4306.82 4.458e+04
157	92	4.697e+04 4112.73	3447.99 1981.65	-6.73e-03 2.01e-03	-1.75	0.0 25.5	1497.27 1497.27	-2106.96 405.21	28.75 28.75	-920.73 -698.76	1981.65 2714.82	2.655e+04 4906.32

158	4	4.031e+04	1940.25	-5.73e-03	-2.44	51.0	1497.27	2888.62	28.75	-484.26	3447.99	4.697e+04
		-8253.89	1343.50	2.91e-03		0.0	2097.06	-3360.49	11.70	-1057.92	1343.50	3.255e+04
158	5	2.474e+04	2067.19	-4.44e-03	-1.58	25.5	2097.06	156.05	11.70	-748.11	1641.87	-8253.89
		-6190.10	952.92	1.36e-03		51.0	2097.06	3649.48	11.70	-445.78	1940.25	4.031e+04
158	9	3.451e+04	2636.51	-6.04e-03	-2.18	0.0	1110.12	-2152.20	21.85	-548.52	952.92	1.998e+04
		-8373.20	1318.40	2.01e-03		25.5	1110.12	96.32	21.85	-336.54	1510.05	-6190.10
158	11	3.897e+04	2171.24	-5.93e-03	-2.39	51.0	1110.12	2326.88	21.85	-127.92	2067.19	2.474e+04
		-8398.13	1356.38	2.67e-03		0.0	1591.28	-2980.95	25.85	-836.95	1318.40	2.787e+04
158	15	2.686e+04	9895.48	-6.95e-03	-1.71	25.5	1591.28	134.41	25.85	-536.53	1977.45	-8373.20
		-6121.02	7088.89	-1.19e-03		51.0	1591.28	3225.36	25.85	-241.48	2636.51	3.451e+04
158	19	2.686e+04	9910.42	-6.90e-03	-1.71	0.0	1962.13	-3281.59	15.98	-1019.15	1356.38	3.146e+04
		-6120.40	7087.13	-2.15e-04		25.5	1962.13	151.14	15.98	-704.17	1763.81	-8398.13
158	22	2.623e+04	-5141.09	7.45e-03	-1.62	51.0	1962.13	3559.94	15.98	-396.23	2171.24	3.897e+04
		-6288.14	-6141.05	3.26e-03		0.0	1279.28	-2233.14	52.69	-1309.77	7088.89	2.189e+04
158	40	2.642e+04	3448.14	0.01	-1.64	25.5	1279.28	106.30	52.69	-1350.22	8492.19	-6121.02
		-6236.33	2034.42	-2.43e-03		51.0	1279.28	2494.35	52.69	-1404.46	9895.48	2.686e+04
158	41	2.667e+04	321.23	-0.02	-1.70	0.0	1277.73	-2233.33	53.51	-1296.87	7087.13	2.188e+04
		-6172.21	-88.38	5.67e-03		25.5	1277.73	106.31	53.51	-1337.44	8498.78	-6120.40
158	47	2.698e+04	1.275e+04	-7.85e-03	-1.72	51.0	1277.73	2494.17	53.51	-1391.58	9910.42	2.686e+04
		-6091.39	9266.14	-2.19e-03		0.0	1241.48	-2315.22	-17.76	56.38	-5141.09	2.099e+04
158	51	2.697e+04	1.277e+04	-7.79e-03	-1.72	25.5	1241.48	99.94	-17.76	530.98	-5641.07	-6288.14
		-6090.54	9263.76	-6.58e-04		51.0	1241.48	2431.41	-17.76	1011.11	-6141.05	2.623e+04
158	54	2.612e+04	-7317.71	8.54e-03	-1.62	0.0	1338.05	-2331.00	34.01	-547.24	2034.42	2.070e+04
		-6318.00	-8998.21	3.84e-03		25.5	1338.05	95.99	34.01	-386.29	2741.28	-6236.33
158	72	2.638e+04	4004.73	0.02	-1.64	51.0	1338.05	2447.79	34.01	-228.61	3448.14	2.642e+04
		-6247.74	2412.28	-3.88e-03		0.0	1181.17	-2217.55	1.74	-693.25	-88.38	2.218e+04
158	73	2.672e+04	-235.36	-0.02	-1.71	25.5	1181.17	110.26	1.74	-420.16	116.43	-6172.21
		-6160.80	-466.24	7.12e-03		51.0	1181.17	2477.78	1.74	-151.87	321.23	2.667e+04
158	79	2.528e+04	2017.62	-4.42e-03	-1.60	0.0	1286.29	-2218.49	65.09	-1555.24	9266.14	2.205e+04
		-6197.15	962.17	1.43e-03		25.5	1286.29	107.43	65.09	-1687.35	1.101e+04	-6091.39
158	82	2.989e+04	1595.56	-4.42e-03	-1.83	51.0	1286.29	2505.58	65.09	-1836.73	1.275e+04	2.698e+04
		-6324.18	1017.79	2.08e-03		0.0	1284.18	-2218.75	66.20	-1537.75	9263.76	2.204e+04
158	83	2.602e+04	2059.73	-4.63e-03	-1.65	25.5	1284.18	107.45	66.20	-1670.02	1.102e+04	-6090.54
		-6403.72	1001.06	1.48e-03		51.0	1284.18	2505.34	66.20	-1819.26	1.277e+04	2.697e+04
158	85	2.899e+04	1749.55	-4.55e-03	-1.79	0.0	1235.03	-2329.80	-30.45	297.25	-7317.71	2.083e+04
		-6420.34	1026.38	1.92e-03		25.5	1235.03	98.81	-30.45	863.56	-8157.96	-6318.00
158	86	2.528e+04	2017.62	-4.42e-03	-1.60	51.0	1235.03	2420.24	-30.45	1438.79	-8998.21	2.612e+04
		-6197.15	962.17	1.43e-03		0.0	1365.97	-2351.20	39.76	-521.26	2412.28	2.044e+04
158	87	2.740e+04	1796.06	-4.37e-03	-1.70	25.5	1365.97	93.45	39.76	-380.26	3208.51	-6247.74
		-6209.02	980.26	1.74e-03		51.0	1365.97	2442.46	39.76	-242.27	4004.73	2.638e+04
158	88	2.543e+04	2026.04	-4.46e-03	-1.61	0.0	1153.24	-2197.35	-4.01	-719.24	-466.24	2.244e+04
		-6238.46	969.95	1.44e-03		25.5	1153.24	112.80	-4.01	-426.19	-350.80	-6160.80
158	90	2.670e+04	1893.11	-4.43e-03	-1.67	51.0	1153.24	2483.12	-4.01	-138.21	-235.36	2.672e+04
		-6245.59	980.80	1.63e-03		0.0	1153.65	-2188.38	20.70	-568.19	962.17	2.041e+04
158	91	2.528e+04	2017.62	-4.42e-03	-1.60	25.5	1153.65	98.35	20.70	-355.33	1489.90	-6197.15
		-6197.15	962.17	1.43e-03		51.0	1153.65	2367.19	20.70	-146.02	2017.62	2.528e+04
158	92	2.655e+04	1884.69	-4.39e-03	-1.66	0.0	1522.84	-2507.99	11.33	-767.93	1017.79	2.414e+04
		-6204.27	973.02	1.62e-03		25.5	1522.84	115.79	11.33	-533.59	1306.67	-6324.18
159	4	3.277e+04	2303.41	-4.12e-03	-2.17	51.0	1522.84	2721.74	11.33	-304.59	1595.56	2.989e+04
		-6903.48	1046.18	2.62e-03		0.0	1185.65	-2254.97	20.76	-620.61	1001.06	2.101e+04
159	5	2.011e+04	945.11	-3.65e-03	-1.41	25.5	1185.65	101.36	20.76	-392.54	1530.39	-6403.72
						51.0	1185.65	2438.99	20.76	-168.39	2059.73	2.602e+04
159						0.0	1432.88	-2455.39	14.18	-742.08	1026.38	2.341e+04
						25.5	1432.88	112.52	14.18	-504.30	1387.97	-6420.34
159						51.0	1432.88	2662.04	14.18	-271.56	1749.55	2.899e+04
						0.0	1153.65	-2188.38	20.70	-568.19	962.17	2.041e+04
159						25.5	1153.65	98.35	20.70	-355.33	1489.90	-6197.15
						51.0	1153.65	2367.19	20.70	-146.02	2017.62	2.528e+04
159						0.0	1259.61	-2274.28	17.88	-620.25	973.02	2.144e+04
						25.5	1259.61	103.13	17.88	-403.23	1428.85	-6204.27
159						51.0	1259.61	2462.79	17.88	-190.24	1884.69	2.655e+04
						0.0	1769.16	-3112.34	-24.65	-718.17	2303.41	3.277e+04
159						25.5	1769.16	-1.81	-24.65	-435.98	1674.79	-6903.48
						51.0	1769.16	3093.95	-24.65	-157.64	1046.18	3.255e+04
159						0.0	961.79	-1993.37	7.39	-229.74	568.24	2.011e+04

		-5279.90	568.24	1.15e-03		25.5	961.79	-0.33	7.39	-40.83	756.67	-5279.90
						51.0	961.79	1979.61	7.39	147.72	945.11	1.998e+04
159	9	2.806e+04	1242.12	-4.90e-03	-1.95	0.0	1372.02	-2762.49	3.29	-414.82	1074.35	2.806e+04
		-7136.67	1074.35	1.73e-03		25.5	1372.02	-0.81	3.29	-145.68	1158.24	-7136.67
						51.0	1372.02	2743.31	3.29	122.18	1242.12	2.787e+04
159	15	2.209e+04	8382.24	-9.93e-03	-1.53	0.0	1150.38	-2058.91	70.99	-1654.72	4531.50	2.209e+04
		-5175.84	4531.50	-2.65e-03		25.5	1150.38	-0.22	70.99	-1663.49	6456.87	-5175.84
						51.0	1150.38	2133.26	70.99	-1687.02	8382.24	2.189e+04
159	18	2.107e+04	-2670.35	0.01	-1.44	0.0	1009.44	-2153.44	-72.19	1011.88	-2670.35	2.107e+04
		-5340.39	-6582.24	5.47e-03		25.5	1009.44	-1.03	-72.19	1410.21	-4626.29	-5340.39
						51.0	1009.44	2051.72	-72.19	1821.08	-6582.24	2.099e+04
159	19	2.208e+04	8416.33	-9.87e-03	-1.53	0.0	1148.44	-2059.12	70.32	-1651.08	4482.64	2.208e+04
		-5176.34	4482.64	-2.03e-03		25.5	1148.44	-0.22	70.32	-1659.64	6449.49	-5176.34
						51.0	1148.44	2133.03	70.32	-1682.91	8416.33	2.188e+04
159	22	2.107e+04	-2621.49	0.01	-1.44	0.0	1011.38	-2153.23	-71.52	1008.24	-2621.49	2.107e+04
		-5339.90	-6616.33	4.85e-03		25.5	1011.38	-1.03	-71.52	1406.36	-4618.91	-5339.90
						51.0	1011.38	2051.95	-71.52	1816.96	-6616.33	2.099e+04
159	31	2.263e+04	3840.63	-0.03	-1.56	0.0	1140.82	-2005.05	9.66	-971.43	2579.53	2.263e+04
		-5074.44	2579.53	-5.24e-04		25.5	1140.82	-0.13	9.66	-851.11	3210.08	-5074.44
						51.0	1140.82	2171.21	9.66	-738.67	3840.63	2.231e+04
159	34	2.057e+04	-718.38	0.03	-1.42	0.0	1019.00	-2207.31	-10.86	328.59	-718.38	2.052e+04
		-5441.79	-2040.63	3.34e-03		25.5	1019.00	-1.11	-10.86	597.83	-1379.50	-5441.79
						51.0	1019.00	2013.76	-10.86	872.73	-2040.63	2.057e+04
159	47	2.227e+04	1.105e+04	-0.01	-1.55	0.0	1175.47	-2042.09	96.48	-2129.38	5813.44	2.227e+04
		-5146.55	5813.44	-4.10e-03		25.5	1175.47	-0.08	96.48	-2210.61	8429.68	-5146.55
						51.0	1175.47	2147.77	96.48	-2311.47	1.105e+04	2.205e+04
159	50	2.088e+04	-3952.28	0.01	-1.43	0.0	984.35	-2170.27	-97.68	1486.54	-3952.28	2.088e+04
		-5369.68	-9245.92	6.92e-03		25.5	984.35	-1.17	-97.68	1957.33	-6599.10	-5369.68
						51.0	984.35	2037.20	-97.68	2445.52	-9245.92	2.083e+04
159	51	2.227e+04	1.109e+04	-0.01	-1.54	0.0	1172.83	-2042.37	95.57	-2124.44	5747.18	2.227e+04
		-5147.22	5747.18	-3.25e-03		25.5	1172.83	-0.08	95.57	-2205.39	8419.66	-5147.22
						51.0	1172.83	2147.46	95.57	-2305.89	1.109e+04	2.204e+04
159	54	2.089e+04	-3886.02	0.01	-1.43	0.0	986.99	-2169.99	-96.77	1481.60	-3886.02	2.089e+04
		-5369.01	-9292.14	6.07e-03		25.5	986.99	-1.17	-96.77	1952.11	-6589.08	-5369.01
						51.0	986.99	2037.51	-96.77	2439.94	-9292.14	2.083e+04
159	63	2.301e+04	4887.50	-0.04	-1.59	0.0	1162.50	-1969.05	13.31	-1202.84	3166.56	2.301e+04
		-5009.05	3166.56	-1.21e-03		25.5	1162.50	0.04	13.31	-1109.02	4027.03	-5009.05
						51.0	1162.50	2199.24	13.31	-1025.50	4887.50	2.262e+04
159	66	2.026e+04	-1305.40	0.04	-1.40	0.0	997.32	-2243.31	-14.51	560.00	-1305.40	2.014e+04
		-5507.18	-3087.50	4.03e-03		25.5	997.32	-1.29	-14.51	855.74	-2196.45	-5507.18
						51.0	997.32	1985.74	-14.51	1159.56	-3087.50	2.026e+04
159	79	2.054e+04	935.67	-3.60e-03	-1.43	0.0	996.23	-2026.78	5.09	-254.93	675.98	2.054e+04
		-5276.75	675.98	1.22e-03		25.5	996.23	-0.40	5.09	-64.84	805.83	-5276.75
						51.0	996.23	2013.07	5.09	124.68	935.67	2.041e+04
159	82	2.430e+04	1553.91	-3.26e-03	-1.63	0.0	1289.31	-2322.86	-14.22	-495.98	1553.91	2.430e+04
		-5307.99	828.50	1.86e-03		25.5	1289.31	-1.21	-14.22	-283.30	1191.20	-5307.99
						51.0	1289.31	2308.73	-14.22	-73.11	828.50	2.414e+04
159	83	2.116e+04	959.12	-3.78e-03	-1.47	0.0	1024.55	-2089.62	4.40	-293.75	734.54	2.116e+04
		-5463.45	734.54	1.27e-03		25.5	1024.55	-0.54	4.40	-89.76	846.83	-5463.45
						51.0	1024.55	2074.97	4.40	113.44	959.12	2.101e+04
159	86	2.054e+04	935.67	-3.60e-03	-1.43	0.0	996.23	-2026.78	5.09	-254.93	675.98	2.054e+04
		-5276.75	675.98	1.22e-03		25.5	996.23	-0.40	5.09	-64.84	805.83	-5276.75
						51.0	996.23	2013.07	5.09	124.68	935.67	2.041e+04
159	87	2.227e+04	1100.31	-3.39e-03	-1.52	0.0	1135.69	-2159.11	-4.39	-365.75	1100.31	2.227e+04
		-5245.69	876.22	1.53e-03		25.5	1135.69	-0.77	-4.39	-167.84	988.26	-5245.69
						51.0	1135.69	2145.43	-4.39	28.59	876.22	2.212e+04
159	88	2.066e+04	940.36	-3.63e-03	-1.44	0.0	1001.90	-2039.35	4.95	-262.69	687.70	2.066e+04
		-5314.09	687.70	1.23e-03		25.5	1001.90	-0.43	4.95	-69.82	814.03	-5314.09
						51.0	1001.90	2025.45	4.95	122.43	940.36	2.053e+04
159	91	2.054e+04	935.67	-3.60e-03	-1.43	0.0	996.23	-2026.78	5.09	-254.93	675.98	2.054e+04
		-5276.75	675.98	1.22e-03		25.5	996.23	-0.40	5.09	-64.84	805.83	-5276.75
						51.0	996.23	2013.07	5.09	124.68	935.67	2.041e+04
159	92	2.158e+04	930.58	-3.47e-03	-1.48	0.0	1079.91	-2106.18	-0.60	-321.42	930.58	2.158e+04
		-5258.12	900.00	1.41e-03		25.5	1079.91	-0.62	-0.60	-126.64	915.29	-5258.12
						51.0	1079.91	2092.49	-0.60	67.03	900.00	2.144e+04
160	4	3.277e+04	6205.98	-2.00e-03	-1.95	0.0	1417.11	-2753.39	-82.12	-248.09	6205.98	3.195e+04
		-2925.39	2017.71	2.11e-03		25.5	1417.11	17.16	-82.12	5.23	4111.84	-2925.39
						51.0	1417.11	2781.33	-82.12	258.59	2017.71	3.277e+04
160	5	2.033e+04	1544.16	2.51e-03	-1.27	0.0	817.01	-1783.25	-17.80	204.12	1544.16	2.033e+04
		-2426.12	636.58	9.97e-04		25.5	817.01	-2.99	-17.80	368.43	1090.37	-2426.12
						51.0	817.01	1769.24	-17.80	535.64	636.58	2.011e+04
160	9	2.821e+04	2872.74	-3.26e-03	-1.75	0.0	1154.51	-2468.12	-34.99	158.92	2872.74	2.821e+04
		-3251.64	1088.22	1.46e-03		25.5	1154.51	-1.30	-34.99	394.89	1980.48	-3251.64
						51.0	1154.51	2455.09	-34.99	633.96	1088.22	2.806e+04
160	15	2.233e+04	6599.43	-0.01	-1.38	0.0	1031.12	-1819.41	99.89	-1624.25	1287.43	2.233e+04
		-1908.44	1287.43	-3.66e-03		25.5	1031.12	13.96	99.89	-1607.65	3943.43	-1908.44
						51.0	1031.12	1918.22	99.89	-1603.69	6599.43	2.209e+04

160	18	2.107e+04 -2804.46	3741.94 -4774.21	0.01 6.02e-03	-1.28	0.0 25.5 51.0	762.41 762.41 762.41	-1933.85 -9.82 1829.40	-162.71 -162.71 -162.71	1799.14 2124.89 2467.33	3741.94 -516.14 -4774.21	2.073e+04 -2804.46 2.107e+04
160	31	2.263e+04 -1595.67	3391.18 3194.47	-0.04 -1.06e-03	-1.43	0.0 25.5 51.0	1107.97 1107.97 1107.97	-1754.95 15.99 1993.63	-17.92 -17.92 -17.92	-565.39 -452.77 -343.73	3391.18 3292.83 3194.47	2.231e+04 -1595.67 2.263e+04
160	34	2.075e+04 -3117.23	1638.18 -1369.25	0.04 3.42e-03	-1.25	0.0 25.5 51.0	685.56 685.56 685.56	-1998.31 -11.85 1754.00	-44.91 -44.91 -44.91	740.28 970.01 1207.37	1638.18 134.46 -1369.25	2.075e+04 -3117.23 2.052e+04
160	47	2.262e+04 -1748.95	8623.94 850.52	-0.02 -5.38e-03	-1.39	0.0 25.5 51.0	1078.96 1078.96 1078.96	-1799.04 18.20 1934.03	146.63 146.63 146.63	-2233.62 -2272.05 -2328.33	850.52 4737.23 8623.94	2.262e+04 -1748.95 2.227e+04
160	50	2.088e+04 -2963.95	4178.84 -6798.73	0.02 7.74e-03	-1.27	0.0 25.5 51.0	714.57 714.57 714.57	-1954.22 -14.05 1813.59	-209.46 -209.46 -209.46	2408.51 2789.28 3191.97	4178.84 -1309.94 -6798.73	2.044e+04 -2963.95 2.088e+04
160	63	2.301e+04 -1324.83	4006.82 3703.22	-0.05 -1.85e-03	-1.46	0.0 25.5 51.0	1183.15 1183.15 1183.15	-1711.63 20.95 2036.28	-13.11 -13.11 -13.11	-797.80 -706.03 -619.82	4006.82 3855.02 4006.82	2.301e+04 -1324.83 2.301e+04
160	66	2.047e+04 -3388.07	1326.15 -2181.60	0.05 4.22e-03	-1.23	0.0 25.5 51.0	610.37 610.37 610.37	-2041.63 -16.80 1711.35	-49.71 -49.71 -49.71	972.69 1223.26 1483.46	1326.15 -427.73 -2181.60	2.047e+04 -3388.07 2.014e+04
160	79	2.069e+04 -2407.70	1826.42 719.78	2.41e-03 1.05e-03	-1.29	0.0 25.5 51.0	840.38 840.38 840.38	-1810.96 -1.54 1800.17	-21.70 -21.70 -21.70	172.13 337.94 506.41	1826.42 1273.10 719.78	2.069e+04 -2407.70 2.054e+04
160	82	2.430e+04 -2283.56	4192.67 1385.64	-1.72e-03 1.51e-03	-1.46	0.0 25.5 51.0	1041.21 1041.21 1041.21	-2058.58 10.27 2073.62	-55.04 -55.04 -55.04	-121.11 68.87 259.40	4192.67 2789.16 1385.64	2.382e+04 -2283.56 2.430e+04
160	83	2.133e+04 -2501.07	1970.51 765.98	2.56e-03 1.08e-03	-1.32	0.0 25.5 51.0	866.14 866.14 866.14	-1868.40 -2.04 1856.13	-23.62 -23.62 -23.62	150.23 328.64 509.64	1970.51 1368.25 765.98	2.133e+04 -2501.07 2.116e+04
160	86	2.069e+04 -2407.70	1826.42 719.78	2.41e-03 1.05e-03	-1.29	0.0 25.5 51.0	840.38 840.38 840.38	-1810.96 -1.54 1800.17	-21.70 -21.70 -21.70	172.13 337.94 506.41	1826.42 1273.10 719.78	2.069e+04 -2407.70 2.054e+04
160	87	2.227e+04 -2322.29	2973.52 1041.16	2.03e-03 1.27e-03	-1.36	0.0 25.5 51.0	934.35 934.35 934.35	-1920.41 4.48 1922.91	-37.89 -37.89 -37.89	30.98 205.73 382.10	2973.52 2007.34 1041.16	2.209e+04 -2322.29 2.227e+04
160	88	2.081e+04 -2426.37	1855.24 729.02	2.44e-03 1.05e-03	-1.29	0.0 25.5 51.0	845.53 845.53 845.53	-1822.45 -1.64 1811.36	-22.08 -22.08 -22.08	167.75 336.08 507.06	1855.24 1292.13 729.02	2.081e+04 -2426.37 2.066e+04
160	91	2.069e+04 -2407.70	1826.42 719.78	2.41e-03 1.05e-03	-1.29	0.0 25.5 51.0	840.38 840.38 840.38	-1810.96 -1.54 1800.17	-21.70 -21.70 -21.70	172.13 337.94 506.41	1826.42 1273.10 719.78	2.069e+04 -2407.70 2.054e+04
160	92	2.158e+04 -2356.45	2514.68 912.61	2.18e-03 1.18e-03	-1.33	0.0 25.5 51.0	896.76 896.76 896.76	-1876.63 2.07 1873.81	-31.41 -31.41 -31.41	87.44 258.62 431.82	2514.68 1713.64 912.61	2.153e+04 -2356.45 2.158e+04
161	4	3.195e+04 -5407.44	1.484e+04 6785.58	-2.55e-04 7.32e-04	-1.60	0.0 25.5 51.0	938.30 938.30 938.30	-1932.54 317.49 2568.38	-158.02 -158.02 -158.02	193.30 398.04 605.35	1.484e+04 1.082e+04 6785.58	1.575e+04 -4843.75 3.195e+04
161	5	2.033e+04 -2016.15	4891.36 2218.82	1.02e-03 5.77e-04	-1.05	0.0 25.5 51.0	607.33 607.33 607.33	-1301.92 146.34 1592.01	-52.40 -52.40 -52.40	776.14 901.53 1032.74	4891.36 3555.09 2218.82	1.289e+04 -1837.99 2.033e+04
161	19	2.234e+04 -332.00	4552.67 -2513.80	-0.01 -3.48e-03	-1.14	0.0 25.5 51.0	829.94 829.94 829.94	-1287.36 229.80 1784.06	137.92 137.92 137.92	-1656.20 -1618.85 -1592.09	-2513.80 1019.44 4552.67	1.571e+04 -241.48 2.234e+04
161	20	2.197e+04 -2021.13	3672.94 -5966.67	0.02 -4.09e-03	-1.09	0.0 25.5 51.0	614.22 614.22 614.22	-1330.58 190.34 1672.76	189.30 189.30 189.30	-1525.40 -1488.65 -1461.40	-5966.67 -1146.86 3672.94	1.414e+04 -1820.24 2.197e+04
161	21	2.109e+04 -3312.08	1.965e+04 2562.56	-0.02 5.24e-03	-1.11	0.0 25.5 51.0	663.45 663.45 663.45	-1372.16 161.34 1730.32	-335.29 -335.29 -335.29	2695.89 2925.47 3173.85	1.965e+04 1.110e+04 2562.56	1.101e+04 -3000.19 2.109e+04
161	31	2.231e+04 740.25	7661.93 4679.13	-0.05 -1.54e-03	-1.20	0.0 25.5 51.0	1034.18 1034.18 1034.18	-1269.49 255.70 1899.73	-61.51 -61.51 -61.51	-348.08 -243.52 -140.92	7661.93 6170.53 4679.13	1.611e+04 767.42 2.231e+04
161	34	2.075e+04 -6073.46	6018.62 1556.37	0.05 2.68e-03	-1.02	0.0 25.5 51.0	243.50 243.50 243.50	-1433.25 95.99 1503.35	-84.47 -84.47 -84.47	1518.56 1680.35 1853.36	6018.62 3787.50 1556.37	9043.11 -5587.84 2.075e+04
161	51	2.263e+04 499.12	5063.51 -5843.85	-0.02 -4.92e-03	-1.15	0.0 25.5 51.0	897.97 897.97 897.97	-1264.57 249.00 1813.44	213.00 213.00 213.00	-2454.16 -2450.92 -2463.69	-5843.85 -390.17 5063.51	1.682e+04 530.59 2.263e+04
161	52	2.213e+04 -1791.34	3870.59 -1.053e+04	0.02 -5.76e-03	-1.09	0.0 25.5 51.0	605.46 605.46 605.46	-1323.18 195.51 1662.51	282.68 282.68 282.68	-2276.79 -2274.36 -2286.48	-1.053e+04 -3327.68 3870.59	1.470e+04 -1610.20 2.213e+04
161	53	2.093e+04 -3541.87	2.421e+04 2364.91	-0.02 6.90e-03	-1.12	0.0 25.5 51.0	672.22 672.22 672.22	-1379.57 156.18 1740.56	-428.66 -428.66 -428.66	3447.28 3711.19 3998.92	2.421e+04 1.329e+04 2364.91	1.045e+04 -3210.22 2.093e+04
161	63	2.259e+04 1898.65	7954.43 5234.97	-0.07 -2.29e-03	-1.23	0.0 25.5	1174.92 1174.92	-1240.34 284.13	-57.42 -57.42	-680.34 -585.97	7954.43 6594.70	1.736e+04 1898.65

161	66	2.047e+04	5726.11	0.07	-0.99	51.0	1174.92	1970.28	-57.42	-495.90	5234.97	2.259e+04
		-7286.30	1000.53	3.43e-03		0.0	102.76	-1462.40	-88.56	1850.83	5726.11	7785.97
						25.5	102.76	67.56	-88.56	2022.79	3363.32	-6719.08
161	79	2.069e+04	5454.47	9.05e-04	-1.06	51.0	102.76	1432.79	-88.56	2208.35	1000.53	2.047e+04
		-2202.83	2481.27	5.71e-04		0.0	616.80	-1316.80	-58.30	723.31	5454.47	1.281e+04
						25.5	616.80	154.84	-58.30	850.52	3967.87	-2002.26
161	82	2.382e+04	1.025e+04	-4.67e-05	-1.20	51.0	616.80	1624.21	-58.30	983.24	2481.27	2.069e+04
		-3774.21	4679.58	5.68e-04		0.0	701.46	-1454.01	-109.19	260.53	1.025e+04	1.226e+04
						25.5	701.46	226.64	-109.19	412.76	7463.92	-3386.62
161	86	2.069e+04	5454.47	9.05e-04	-1.06	51.0	701.46	1907.35	-109.19	567.67	4679.58	2.382e+04
		-2202.83	2481.27	5.71e-04		0.0	616.80	-1316.80	-58.30	723.31	5454.47	1.281e+04
						25.5	616.80	154.84	-58.30	850.52	3967.87	-2002.26
161	87	2.209e+04	7764.14	4.47e-04	-1.12	51.0	616.80	1624.21	-58.30	983.24	2481.27	2.069e+04
		-2975.79	3542.07	5.69e-04		0.0	653.53	-1374.42	-82.79	493.20	7764.14	1.242e+04
						25.5	653.53	189.85	-82.79	630.34	5653.11	-2682.18
161	91	2.069e+04	5454.47	9.05e-04	-1.06	51.0	653.53	1753.09	-82.79	771.55	3542.07	2.508e+04
		-2202.83	2481.27	5.71e-04		0.0	616.80	-1316.80	-58.30	723.31	5454.47	1.281e+04
						25.5	616.80	154.84	-58.30	850.52	3967.87	-2002.26
161	92	2.153e+04	6840.27	6.30e-04	-1.10	51.0	616.80	1624.21	-58.30	983.24	2481.27	2.069e+04
		-2666.61	3117.75	5.70e-04		0.0	638.84	-1351.37	-72.99	585.24	6840.27	1.257e+04
						25.5	638.84	175.84	-72.99	718.41	4979.01	-2410.21
162	4	5.189e+04	-6269.75	0.01	-1.58	51.0	638.84	1701.54	-72.99	856.22	3117.75	2.153e+04
		1.022e+04	-2.675e+04	2.24e-03		0.0	1758.36	-2671.84	-335.67	-2536.72	-6269.75	5.189e+04
						30.5	1758.36	-53.41	-335.67	-2520.94	-1.651e+04	1.022e+04
162	5	3.398e+04	-2399.37	7.41e-03	-1.03	61.0	1758.36	2603.94	-335.67	-2528.33	-2.675e+04	4.903e+04
		5592.34	-1.078e+04	1.33e-03		0.0	887.97	-1773.53	-137.46	-1144.96	-2399.37	3.398e+04
						30.5	887.97	-83.93	-137.46	-1107.83	-6591.79	5592.34
162	20	3.508e+04	-1.075e+04	0.02	-1.06	61.0	887.97	1628.70	-137.46	-1080.88	-1.078e+04	2.910e+04
		6904.01	-4.122e+04	2.24e-03		0.0	1173.25	-1855.85	-500.11	-1384.86	-1.075e+04	3.508e+04
						30.5	1173.25	-35.48	-500.11	-1399.74	-2.598e+04	6904.01
162	21	3.620e+04	1.363e+04	-0.02	-1.11	61.0	1173.25	1716.51	-500.11	-1427.61	-4.122e+04	3.250e+04
		5635.86	4459.94	8.99e-04		0.0	877.07	-1845.76	150.90	-1397.39	4459.94	3.620e+04
						30.5	877.07	-105.35	150.90	-1325.08	9043.75	5635.86
162	34	3.266e+04	-4348.96	0.06	-1.00	61.0	877.07	1753.16	150.90	-1264.83	1.363e+04	3.069e+04
		4663.62	-3.638e+04	4.87e-03		0.0	1036.47	-2001.64	-526.10	1290.14	-4348.96	3.266e+04
						30.5	1036.47	-116.58	-526.10	1018.42	-2.037e+04	4720.79
162	39	3.868e+04	1.138e+04	-0.06	-1.19	61.0	1036.47	1515.63	-526.10	756.11	-3.638e+04	2.601e+04
		7731.84	-1240.22	-1.47e-03		0.0	992.14	-1695.88	207.64	-4189.32	-1240.22	3.868e+04
						30.5	992.14	-29.23	207.64	-3861.07	5070.96	7731.84
162	40	3.280e+04	-8917.47	0.06	-1.00	61.0	992.14	1947.82	207.64	-3568.40	1.138e+04	3.692e+04
		5398.48	-4.991e+04	4.21e-03		0.0	1134.23	-1982.93	-672.90	948.43	-8917.47	3.280e+04
						30.5	1134.23	-85.57	-672.90	703.09	-2.941e+04	5398.48
162	41	3.848e+04	2.232e+04	-0.06	-1.19	61.0	1134.23	1546.93	-672.90	464.19	-4.991e+04	2.765e+04
		7141.39	2630.79	-1.35e-03		0.0	916.08	-1718.68	323.70	-3730.68	2630.79	3.848e+04
						30.5	916.08	-55.26	323.70	-3427.90	1.247e+04	7141.39
162	52	3.488e+04	-1.345e+04	0.03	-1.06	61.0	916.08	1922.74	323.70	-3156.63	2.232e+04	3.555e+04
		7129.74	-5.098e+04	2.56e-03		0.0	1225.97	-1857.65	-615.99	-1382.63	-1.345e+04	3.488e+04
						30.5	1225.97	-23.04	-615.99	-1413.03	-3.222e+04	7129.74
162	53	3.640e+04	2.339e+04	-0.03	-1.12	61.0	1225.97	1709.99	-615.99	-1456.58	-5.098e+04	3.282e+04
		5404.32	7166.71	7.03e-04		0.0	824.35	-1843.96	266.78	-1399.62	7166.71	3.640e+04
						30.5	824.35	-117.79	266.78	-1311.79	1.528e+04	5410.12
162	66	3.159e+04	-4778.15	0.08	-0.97	61.0	824.35	1759.68	266.78	-1235.86	2.339e+04	3.037e+04
		4035.10	-4.442e+04	6.08e-03		0.0	1040.49	-2055.34	-651.24	2244.66	-4778.15	3.159e+04
						30.5	1040.49	-133.02	-651.24	1865.98	-2.460e+04	4169.29
162	71	3.976e+04	2.034e+04	-0.08	-1.23	61.0	1040.49	1437.60	-651.24	1504.53	-4.442e+04	2.402e+04
		8252.27	-562.72	-2.51e-03		0.0	980.39	-1640.72	343.72	-5185.48	-562.72	3.976e+04
						30.5	980.39	-14.57	343.72	-4750.60	9891.10	8252.27
162	72	3.179e+04	-1.097e+04	0.08	-0.97	61.0	980.39	2023.65	343.72	-4359.49	2.034e+04	3.882e+04
		5088.24	-6.276e+04	5.20e-03		0.0	1173.07	-2029.96	-850.30	1781.32	-1.097e+04	3.179e+04
						30.5	1173.07	-90.96	-850.30	1438.40	-3.687e+04	5088.24
162	73	3.949e+04	3.518e+04	-0.08	-1.23	61.0	1173.07	1480.04	-850.30	1108.70	-6.276e+04	2.624e+04
		7451.62	4686.38	-2.34e-03		0.0	877.25	-1671.65	501.09	-4563.56	4686.38	3.949e+04
						30.5	877.25	-49.87	501.09	-4163.22	1.993e+04	7451.62
162	79	3.448e+04	-2621.14	7.56e-03	-1.05	61.0	877.25	1989.63	501.09	-3801.14	3.518e+04	3.695e+04
		5790.16	-1.167e+04	1.36e-03		0.0	928.49	-1796.78	-148.27	-1214.63	-2621.14	3.448e+04
						30.5	928.49	-80.20	-148.27	-1180.12	-7143.48	5790.16
162	82	3.886e+04	-4381.48	9.22e-03	-1.18	61.0	928.49	1659.88	-148.27	-1156.47	-1.167e+04	2.983e+04
		7454.00	-1.880e+04	1.65e-03		0.0	1269.02	-2005.30	-236.34	-1806.65	-4381.48	3.886e+04
						30.5	1269.02	-48.79	-236.34	-1789.78	-1.159e+04	7454.00
162	86	3.448e+04	-2621.14	7.56e-03	-1.05	61.0	1269.02	1936.49	-236.34	-1789.36	-1.880e+04	3.618e+04
		5790.16	-1.167e+04	1.36e-03		0.0	928.49	-1796.78	-148.27	-1214.63	-2621.14	3.448e+04
						30.5	928.49	-80.20	-148.27	-1180.12	-7143.48	5790.16
162	87	3.641e+04	-3491.48	8.27e-03	-1.11	61.0	928.49	1659.88	-148.27	-1156.47	-1.167e+04	2.983e+04
		6589.78	-1.521e+04	1.51e-03		0.0	1089.60	-1886.82	-192.16	-1508.78	-3491.48	3.641e+04
						30.5	1089.60	-63.89	-192.16	-1483.93	-9352.31	6589.78
162	91	3.448e+04	-2621.14	7.56e-03	-1.05	61.0	1089.60	1784.80	-192.16	-1472.72	-1.521e+04	3.278e+04
						0.0	928.49	-1796.78	-148.27	-1214.63	-2621.14	3.448e+04

		5790.16	-1.167e+04	1.36e-03		30.5	928.49	-80.20	-148.27	-1180.12	-7143.48	5790.16
						61.0	928.49	1659.88	-148.27	-1156.47	-1.167e+04	2.983e+04
162	92	3.564e+04	-3143.34	7.98e-03	-1.08	0.0	1025.16	-1850.81	-174.60	-1391.12	-3143.34	3.564e+04
		6269.93	-1.379e+04	1.45e-03		30.5	1025.16	-70.42	-174.60	-1362.41	-8468.78	6269.93
						61.0	1025.16	1734.83	-174.60	-1346.22	-1.379e+04	3.160e+04
163	3	7.489e+04	2113.40	0.02	-1.95	0.0	1210.16	-3626.42	-149.34	-1597.82	2113.40	7.489e+04
		1.242e+04	-6996.39	4.58e-03		30.5	1210.16	-404.33	-149.34	-1538.71	-2441.49	1.318e+04
						61.0	1210.16	2905.26	-149.34	-1497.79	-6996.39	5.111e+04
163	4	7.604e+04	2107.91	0.02	-1.98	0.0	1231.26	-3681.63	-149.64	-1599.50	2107.91	7.604e+04
		1.261e+04	-7020.17	4.57e-03		30.5	1231.26	-410.72	-149.64	-1537.16	-2456.13	1.338e+04
						61.0	1231.26	2949.70	-149.64	-1493.00	-7020.17	5.189e+04
163	5	4.931e+04	1115.96	0.01	-1.30	0.0	663.25	-2384.20	-61.50	-657.52	1115.96	4.931e+04
		8343.61	-2635.72	2.24e-03		30.5	663.25	-260.29	-61.50	-592.77	-759.88	8822.41
						61.0	663.25	1918.64	-61.50	-535.04	-2635.72	3.398e+04
163	15	5.535e+04	-2959.85	-0.04	-1.42	0.0	901.27	-2367.77	-98.46	-1676.16	-2959.85	5.535e+04
		9276.76	-8879.25	1.06e-03		30.5	901.27	-230.54	-98.46	-1481.85	-5919.55	9950.25
						61.0	901.27	2103.97	-98.46	-1329.50	-8879.25	3.683e+04
163	18	4.842e+04	5500.54	0.03	-1.32	0.0	591.21	-2651.98	-57.48	9.46	5500.54	4.842e+04
		8165.88	1907.66	4.20e-03		30.5	591.21	-321.55	-57.48	-67.57	3704.10	8516.71
						61.0	591.21	1929.16	-57.48	-120.96	1907.66	3.445e+04
163	22	4.848e+04	5486.90	0.03	-1.32	0.0	595.68	-2650.33	-62.50	92.57	5486.90	4.848e+04
		8150.82	1590.24	4.14e-03		30.5	595.68	-320.35	-62.50	14.31	3538.57	8497.40
						61.0	595.68	1928.10	-62.50	-39.32	1590.24	3.444e+04
163	31	5.603e+04	619.83	-0.07	-1.50	0.0	846.59	-2266.65	83.37	-3180.44	-4564.09	5.603e+04
		8983.52	-4564.09	-2.58e-03		30.5	846.59	-252.69	83.37	-2703.51	-1972.13	9563.13
						61.0	846.59	2231.03	83.37	-2266.37	619.83	3.862e+04
163	34	4.774e+04	7104.78	0.07	-1.25	0.0	645.89	-2753.11	-239.30	1513.74	7104.78	4.774e+04
		8459.12	-7591.42	7.85e-03		30.5	645.89	-299.41	-239.30	1154.10	-243.32	8903.83
						61.0	645.89	1802.10	-239.30	815.91	-7591.42	3.266e+04
163	40	4.943e+04	5424.23	0.07	-1.26	0.0	743.15	-2702.01	-301.45	1699.33	5424.23	4.943e+04
		8723.29	-1.302e+04	7.63e-03		30.5	743.15	-270.03	-301.45	1342.30	-3796.75	9246.86
						61.0	743.15	1813.78	-301.45	994.47	-1.302e+04	3.280e+04
163	47	5.658e+04	-4465.80	-0.05	-1.44	0.0	956.46	-2317.18	-105.76	-1976.20	-4465.80	5.658e+04
		9474.49	-1.080e+04	5.90e-04		30.5	956.46	-214.35	-105.76	-1733.59	-7632.57	1.021e+04
						61.0	956.46	2135.09	-105.76	-1544.62	-1.080e+04	3.725e+04
163	50	4.718e+04	7006.50	0.04	-1.30	0.0	536.02	-2702.57	-50.18	309.50	7006.50	4.718e+04
		7968.14	3827.74	4.76e-03		30.5	536.02	-337.74	-50.18	184.18	5417.12	8261.54
						61.0	536.02	1898.04	-50.18	94.16	3827.74	3.403e+04
163	54	4.727e+04	6988.00	0.04	-1.30	0.0	542.08	-2700.33	-56.99	422.20	6988.00	4.727e+04
		7947.73	3397.31	4.67e-03		30.5	542.08	-336.12	-56.99	295.20	5192.65	8235.36
						61.0	542.08	1896.60	-56.99	204.86	3397.31	3.401e+04
163	63	5.751e+04	2081.43	-0.09	-1.56	0.0	882.31	-2180.06	140.80	-4016.01	-6641.15	5.751e+04
		9076.86	-6641.15	-4.44e-03		30.5	882.31	-244.37	140.80	-3390.17	-2279.86	9680.49
						61.0	882.31	2307.38	140.80	-2815.02	2081.43	3.969e+04
163	72	4.856e+04	6903.01	0.09	-1.22	0.0	742.05	-2770.40	-381.01	2600.96	6903.01	4.856e+04
		8723.99	-1.641e+04	9.41e-03		30.5	742.05	-267.88	-381.01	2095.96	-4754.04	9251.63
						61.0	742.05	1741.59	-381.01	1606.68	-1.641e+04	3.179e+04
163	73	5.521e+04	9439.51	-0.08	-1.54	0.0	750.43	-2249.36	225.07	-4267.66	-4362.32	5.521e+04
		8718.65	-4362.32	-4.14e-03		30.5	750.43	-284.21	225.07	-3645.37	2538.59	9215.34
						61.0	750.43	2291.54	225.07	-3057.14	9439.51	3.949e+04
163	79	5.008e+04	1156.43	0.01	-1.32	0.0	688.07	-2421.77	-66.30	-707.93	1156.43	5.008e+04
		8461.23	-2887.73	2.35e-03		30.5	688.07	-265.04	-66.30	-645.21	-865.65	8950.16
						61.0	688.07	1947.75	-66.30	-590.12	-2887.73	3.448e+04
163	81	5.609e+04	1536.15	0.02	-1.46	0.0	881.97	-2715.47	-105.20	-1126.00	1536.15	5.609e+04
		9328.20	-4881.29	3.29e-03		30.5	881.97	-301.73	-105.20	-1076.88	-1672.57	9894.57
						61.0	881.97	2177.13	-105.20	-1040.49	-4881.29	3.834e+04
163	82	5.685e+04	1532.48	0.02	-1.48	0.0	896.04	-2752.28	-105.40	-1127.12	1532.48	5.685e+04
		9454.59	-4897.14	3.29e-03		30.5	896.04	-305.99	-105.40	-1075.85	-1682.33	1.003e+04
						61.0	896.04	2206.76	-105.40	-1037.30	-4897.14	3.886e+04
163	86	5.008e+04	1156.43	0.01	-1.32	0.0	688.07	-2421.77	-66.30	-707.93	1156.43	5.008e+04
		8461.23	-2887.73	2.35e-03		30.5	688.07	-265.04	-66.30	-645.21	-865.65	8950.16
						61.0	688.07	1947.75	-66.30	-590.12	-2887.73	3.448e+04
163	87	5.308e+04	1346.29	0.02	-1.39	0.0	785.02	-2568.62	-85.75	-916.96	1346.29	5.308e+04
		8894.72	-3884.51	2.82e-03		30.5	785.02	-283.38	-85.75	-861.04	-1269.11	9422.36
						61.0	785.02	2062.44	-85.75	-815.31	-3884.51	3.641e+04
163	91	5.008e+04	1156.43	0.01	-1.32	0.0	688.07	-2421.77	-66.30	-707.93	1156.43	5.008e+04
		8461.23	-2887.73	2.35e-03		30.5	688.07	-265.04	-66.30	-645.21	-865.65	8950.16
						61.0	688.07	1947.75	-66.30	-590.12	-2887.73	3.448e+04
163	92	5.188e+04	1270.35	0.01	-1.36	0.0	746.24	-2509.88	-77.97	-833.35	1270.35	5.188e+04
		8721.32	-3485.79	2.63e-03		30.5	746.24	-276.05	-77.97	-774.71	-1107.72	9233.48
						61.0	746.24	2016.56	-77.97	-725.23	-3485.79	3.564e+04
164	1	6.588e+04	2868.81	0.03	-1.99	0.0	297.28	-2702.14	-33.02	-794.01	2868.81	3.362e+04
		-1394.84	854.73	3.00e-03		30.5	297.28	505.36	-33.02	-677.36	1861.77	-248.00
						61.0	297.28	3853.81	-33.02	-570.38	854.73	6.588e+04
164	4	7.604e+04	4337.11	0.03	-2.27	0.0	456.35	-3139.01	-56.84	-1289.78	4337.11	4.128e+04
		61.51	869.57	4.42e-03		30.5	456.35	541.72	-56.84	-1178.54	2603.34	1231.12
						61.0	456.35	4390.96	-56.84	-1084.14	869.57	7.604e+04

164	5	4.931e+04	2004.06	0.02	-1.49	0.0	206.01	-2019.63	-21.94	-539.34	2004.06	2.482e+04
		-1276.13	666.00	2.10e-03		30.5	206.01	383.85	-21.94	-447.52	1335.03	-397.00
						61.0	206.01	2892.33	-21.94	-362.09	666.00	4.931e+04
164	12	5.160e+04	2011.27	0.02	-1.56	0.0	228.39	-2109.83	-22.24	-549.67	2011.27	2.613e+04
		-1165.08	654.83	2.09e-03		30.5	228.39	398.92	-22.24	-450.05	1333.05	-254.31
						61.0	228.39	3019.40	-22.24	-356.84	654.83	5.160e+04
164	22	4.848e+04	6380.95	0.05	-1.50	0.0	70.93	-2302.26	-23.27	411.77	6380.95	2.104e+04
		-4783.82	4858.83	3.00e-03		30.5	70.93	330.47	-23.27	381.35	5619.89	-3668.62
						61.0	70.93	2922.75	-23.27	361.33	4858.83	4.848e+04
164	31	5.603e+04	-3104.06	-0.08	-1.74	0.0	464.40	-1892.24	52.12	-2566.50	-6231.15	2.991e+04
		1644.03	-6231.15	-1.68e-03		30.5	464.40	442.30	52.12	-1955.87	-4667.61	2386.88
						61.0	464.40	3314.67	52.12	-1381.48	-3104.06	5.603e+04
164	34	4.774e+04	1.105e+04	0.08	-1.44	0.0	32.40	-2370.36	-109.38	1210.83	1.105e+04	2.371e+04
		-3406.28	4434.61	6.69e-03		30.5	32.40	342.46	-109.38	777.75	7744.45	-2384.65
						61.0	32.40	2740.99	-109.38	364.08	4434.61	4.774e+04
164	43	5.564e+04	-2523.72	-0.08	-1.74	0.0	455.00	-1908.42	70.77	-2825.87	-6787.79	2.886e+04
		1848.05	-6787.79	-1.47e-03		30.5	455.00	446.31	70.77	-2188.65	-4655.76	2577.28
						61.0	455.00	3325.29	70.77	-1593.35	-2523.72	5.564e+04
164	46	4.812e+04	1.161e+04	0.08	-1.44	0.0	41.80	-2354.18	-128.03	1470.20	1.161e+04	2.476e+04
		-3610.30	3854.26	6.47e-03		30.5	41.80	338.45	-128.03	1010.53	7732.60	-2575.04
						61.0	41.80	2730.36	-128.03	575.96	3854.26	4.812e+04
164	54	4.727e+04	7794.04	0.06	-1.48	0.0	7.76	-2363.12	-21.36	799.66	7794.04	1.899e+04
		-6173.18	6351.74	3.18e-03		30.5	7.76	308.43	-21.36	726.81	7072.89	-4975.05
						61.0	7.76	2885.35	-21.36	671.06	6351.74	4.727e+04
164	63	5.751e+04	-4445.95	-0.10	-1.80	0.0	541.30	-1807.13	80.87	-3238.86	-9307.95	3.102e+04
		2542.98	-9307.95	-3.16e-03		30.5	541.30	460.07	80.87	-2442.46	-6876.95	3236.21
						61.0	541.30	3416.78	80.87	-1692.19	-4445.95	5.751e+04
164	66	4.626e+04	1.413e+04	0.10	-1.40	0.0	-44.50	-2455.46	-138.13	1883.19	1.413e+04	2.260e+04
		-4305.23	5776.49	8.17e-03		30.5	-44.50	324.68	-138.13	1264.33	9953.80	-3233.98
						61.0	-44.50	2638.88	-138.13	674.79	5776.49	4.626e+04
164	75	5.698e+04	-3659.00	-0.10	-1.80	0.0	528.54	-1829.07	106.16	-3590.57	-1.006e+04	2.959e+04
		2819.63	-1.006e+04	-2.88e-03		30.5	528.54	465.50	106.16	-2758.10	-6860.88	3494.39
						61.0	528.54	3431.19	106.16	-1979.49	-3659.00	5.698e+04
164	78	4.679e+04	1.489e+04	0.10	-1.40	0.0	-31.74	-2433.53	-163.42	2234.90	1.489e+04	2.403e+04
		-4581.88	4989.54	7.89e-03		30.5	-31.74	319.25	-163.42	1579.98	9937.73	-3492.16
						61.0	-31.74	2624.47	-163.42	962.09	4989.54	4.679e+04
164	79	5.008e+04	2118.64	0.02	-1.51	0.0	218.82	-2052.94	-23.89	-579.72	2118.64	2.541e+04
		-1161.29	661.19	2.22e-03		30.5	218.82	386.61	-23.89	-489.08	1389.91	-280.44
						61.0	218.82	2933.11	-23.89	-405.42	661.19	5.008e+04
164	82	5.685e+04	3097.50	0.03	-1.70	0.0	324.87	-2344.19	-39.78	-910.23	3097.50	3.051e+04
		-190.39	671.08	3.17e-03		30.5	324.87	410.85	-39.78	-823.20	1884.29	705.64
						61.0	324.87	3291.21	-39.78	-747.93	671.08	5.685e+04
164	83	5.161e+04	2123.44	0.02	-1.56	0.0	233.74	-2113.08	-24.09	-586.61	2123.44	2.628e+04
		-1087.26	653.74	2.21e-03		30.5	233.74	396.66	-24.09	-490.76	1388.59	-185.31
						61.0	233.74	3017.81	-24.09	-401.92	653.74	5.161e+04
164	86	5.008e+04	2118.64	0.02	-1.51	0.0	218.82	-2052.94	-23.89	-579.72	2118.64	2.541e+04
		-1161.29	661.19	2.22e-03		30.5	218.82	386.61	-23.89	-489.08	1389.91	-280.44
						61.0	218.82	2933.11	-23.89	-405.42	661.19	5.008e+04
164	87	5.309e+04	2606.87	0.02	-1.60	0.0	268.12	-2183.53	-31.78	-743.25	2606.87	2.774e+04
		-694.35	668.00	2.70e-03		30.5	268.12	396.22	-31.78	-655.72	1637.43	188.82
						61.0	268.12	3090.98	-31.78	-577.55	668.00	5.309e+04
164	88	5.039e+04	2119.60	0.02	-1.52	0.0	221.81	-2064.97	-23.93	-581.09	2119.60	2.558e+04
		-1146.48	659.70	2.22e-03		30.5	221.81	388.62	-23.93	-489.41	1389.65	-261.41
						61.0	221.81	2950.05	-23.93	-404.72	659.70	5.039e+04
164	91	5.008e+04	2118.64	0.02	-1.51	0.0	218.82	-2052.94	-23.89	-579.72	2118.64	2.541e+04
		-1161.29	661.19	2.22e-03		30.5	218.82	386.61	-23.89	-489.08	1389.91	-280.44
						61.0	218.82	2933.11	-23.89	-405.42	661.19	5.008e+04
164	92	5.188e+04	2411.58	0.02	-1.56	0.0	248.40	-2131.30	-28.63	-677.84	2411.58	2.681e+04
		-881.13	665.27	2.50e-03		30.5	248.40	392.38	-28.63	-589.06	1538.42	1.12
						61.0	248.40	3027.83	-28.63	-508.70	665.27	5.188e+04
165	4	4.128e+04	4295.57	0.03	-2.36	0.0	-2779.89	-2017.30	-9.06	-1121.95	4295.57	-7.000e+04
		-8.639e+04	3742.92	3.44e-03		30.5	-2779.89	1795.42	-9.06	-963.71	4019.24	-7.372e+04
						61.0	-2779.89	5779.28	-9.06	-821.01	3742.92	4.128e+04
165	5	2.482e+04	1876.87	0.02	-1.56	0.0	-1845.28	-1372.49	-1.34	-532.63	1876.87	-4.559e+04
		-5.705e+04	1795.31	1.64e-03		30.5	-1845.28	1136.97	-1.34	-415.38	1836.09	-4.938e+04
						61.0	-1845.28	3749.02	-1.34	-304.83	1795.31	2.482e+04
165	15	3.275e+04	157.18	-0.05	-1.73	0.0	-1608.37	-1340.56	-24.22	-1368.65	157.18	-4.606e+04
		-5.779e+04	-1942.12	1.89e-03		30.5	-1608.37	1333.59	-24.22	-1107.48	-892.47	-4.884e+04
						61.0	-1608.37	4231.15	-24.22	-964.36	-1942.12	3.275e+04
165	31	2.991e+04	-5523.37	-0.07	-1.82	0.0	-1504.04	-1227.40	26.52	-1880.09	-6865.08	-4.453e+04
		-5.458e+04	-6865.08	-3.02e-04		30.5	-1504.04	1309.52	26.52	-1161.44	-6194.23	-4.618e+04
						61.0	-1504.04	4334.47	26.52	-782.14	-5523.37	2.991e+04
165	34	2.371e+04	1.149e+04	0.07	-1.50	0.0	-2350.93	-1617.19	-32.67	615.29	1.149e+04	-5.130e+04
		-6.479e+04	9776.34	4.20e-03		30.5	-2350.93	1103.20	-32.67	131.34	1.063e+04	-5.666e+04
						61.0	-2350.93	3556.83	-32.67	-29.88	9776.34	2.371e+04
165	44	2.711e+04	1.313e+04	0.06	-1.52	0.0	-2224.56	-1619.70	-63.12	734.71	1.313e+04	-5.084e+04
		-6.483e+04	8725.20	4.73e-03		30.5	-2224.56	1169.92	-63.12	209.64	1.093e+04	-5.663e+04

165	45	2.651e+04	-4472.23	-0.06	-1.80	61.0	-2224.56	3667.97	-63.12	-234.82	8725.20	2.711e+04
		-5.461e+04	-8503.54	-8.29e-04		0.0	-1630.41	-1224.88	56.97	-1999.51	-8503.54	-4.500e+04
165	46	2.476e+04	1.232e+04	0.07	-1.50	30.5	-1630.41	1242.80	56.97	-1239.74	-6487.89	-4.621e+04
		-6.518e+04	9863.81	3.61e-03		61.0	-1630.41	4223.33	56.97	-577.20	-4472.23	2.651e+04
165	47	3.486e+04	-610.66	-0.06	-1.77	0.0	-2347.29	-1629.39	-52.49	856.33	1.232e+04	-5.139e+04
		-5.712e+04	-3390.54	1.87e-03		30.5	-2347.29	1122.11	-52.49	330.06	1.109e+04	-5.698e+04
165	63	3.102e+04	-8246.71	-0.09	-1.89	61.0	-2347.29	3576.13	-52.49	-96.83	9863.81	2.476e+04
		-5.277e+04	-1.013e+04	-1.10e-03		0.0	-1494.76	-1311.46	-31.75	-1630.75	-610.66	-4.540e+04
165	66	2.260e+04	1.476e+04	0.09	-1.45	30.5	-1494.76	1378.88	-31.75	-1318.39	-2000.60	-4.792e+04
		-6.663e+04	1.250e+04	5.00e-03		61.0	-1494.76	4332.78	-31.75	-1163.14	-3390.54	3.486e+04
165	76	2.722e+04	1.698e+04	0.08	-1.48	0.0	-1353.29	-1158.01	37.05	-2324.27	-1.013e+04	-4.333e+04
		-6.672e+04	1.107e+04	5.72e-03		30.5	-1353.29	1346.24	37.05	-1391.55	-9189.77	-4.432e+04
165	77	2.640e+04	-6821.37	-0.08	-1.86	61.0	-1353.29	4472.89	37.05	-916.04	-8246.71	3.102e+04
		-5.281e+04	-1.235e+04	-1.82e-03		0.0	-2501.68	-1686.57	-43.20	1059.47	1.476e+04	-5.251e+04
165	78	2.403e+04	1.589e+04	0.09	-1.45	30.5	-2501.68	1066.47	-43.20	361.45	1.363e+04	-5.853e+04
		-6.719e+04	1.262e+04	4.20e-03		61.0	-2501.68	3418.41	-43.20	104.02	1.250e+04	2.260e+04
165	79	2.541e+04	2001.18	0.02	-1.58	0.0	-2330.31	-1689.98	-84.50	1221.39	1.698e+04	-5.187e+04
		-5.785e+04	1887.10	1.73e-03		30.5	-2330.31	1156.95	-84.50	467.63	1.403e+04	-5.849e+04
165	82	3.051e+04	3047.66	0.02	-1.77	61.0	-2330.31	3569.11	-84.50	-173.87	1.107e+04	2.722e+04
		-6.477e+04	2685.70	2.46e-03		0.0	-1524.66	-1154.60	78.35	-2486.19	-1.235e+04	-4.396e+04
165	86	2.541e+04	2001.18	0.02	-1.58	30.5	-1524.66	1255.77	78.35	-1497.73	-9587.98	-4.436e+04
		-5.785e+04	1887.10	1.73e-03		61.0	-1524.66	4322.19	78.35	-638.14	-6821.37	2.640e+04
165	87	2.774e+04	2522.60	0.02	-1.66	0.0	-2496.74	-1703.11	-70.08	1386.31	1.589e+04	-5.262e+04
		-6.091e+04	2286.07	2.10e-03		30.5	-2496.74	1092.11	-70.08	630.92	1.425e+04	-5.895e+04
165	91	2.541e+04	2001.18	0.02	-1.58	61.0	-2496.74	3444.59	-70.08	13.23	1.262e+04	2.403e+04
		-5.785e+04	1887.10	1.73e-03		0.0	-1869.82	-1387.74	-1.87	-562.22	2001.18	-4.630e+04
165	92	2.681e+04	2314.03	0.02	-1.63	30.5	-1869.82	1157.76	-1.87	-445.25	1944.14	-5.000e+04
		-5.969e+04	2126.48	1.95e-03		61.0	-1869.82	3808.13	-1.87	-335.46	1887.10	2.541e+04
166	4	8732.34	3997.32	4.08e-03	-2.29	0.0	-2086.21	-1519.73	-5.93	-803.20	3047.66	-5.237e+04
		-9.671e+04	2722.43	2.38e-03		30.5	-2086.21	1337.46	-5.93	-681.93	2866.68	-5.540e+04
166	5	8730.37	1748.16	3.08e-03	-1.54	61.0	-2086.21	4321.20	-5.93	-571.65	2685.70	3.051e+04
		-6.260e+04	1141.49	1.17e-03		0.0	-1869.82	-1387.74	-1.87	-562.22	2001.18	-4.630e+04
166	9	1.100e+04	2539.15	3.94e-03	-2.10	30.5	-1869.82	1157.76	-1.87	-445.25	1944.14	-5.000e+04
		-8.640e+04	1684.04	1.64e-03		61.0	-1869.82	3808.13	-1.87	-335.46	1887.10	2.541e+04
166	15	1.330e+04	491.41	-0.03	-1.72	0.0	-1927.48	-1422.29	-3.07	-632.40	2314.03	-4.792e+04
		-6.098e+04	332.48	3.44e-03		30.5	-1927.48	1206.36	-3.07	-515.05	2220.26	-5.142e+04
166	18	2933.58	3977.40	0.04	-1.49	61.0	-1927.48	3945.65	-3.07	-406.01	2126.48	2.681e+04
		-7.100e+04	2376.77	-6.87e-04		0.0	-3356.96	-5216.19	20.90	-1169.51	2722.43	8732.34
166	19	1.352e+04	130.41	-0.03	-1.72	30.5	-3356.96	-1289.27	20.90	-970.89	3359.87	-9.035e+04
		-6.101e+04	67.39	3.58e-03		61.0	-3356.96	2630.19	20.90	-788.69	3997.32	-7.000e+04
166	34	5258.41	1.075e+04	0.06	-1.45	0.0	-2118.04	-3494.19	9.95	-642.00	1141.49	8730.37
		-7.226e+04	9603.17	8.04e-04		30.5	-2118.04	-887.92	9.95	-502.82	1444.83	-5.799e+04
166	41	8865.20	-7611.14	-0.05	-1.78	61.0	-2118.04	1703.75	9.95	-372.15	1748.16	-4.559e+04
		-6.173e+04	-9142.72	1.17e-03		0.0	-2938.15	-4779.83	14.02	-919.79	1684.04	1.100e+04
166	46	4982.63	1.210e+04	0.06	-1.45	30.5	-2938.15	-1208.59	14.02	-727.41	2111.59	-8.019e+04
		-7.200e+04	1.118e+04	4.39e-04		61.0	-2938.15	2347.36	14.02	-547.34	2539.15	-6.290e+04
166	47	1.514e+04	155.82	-0.05	-1.76	0.0	-1690.54	-3494.01	-26.36	-1356.04	491.41	1.330e+04
		-5.921e+04	-316.32	4.17e-03		30.5	-1690.54	-830.48	-26.36	-1050.00	411.95	-5.542e+04
166	50	1089.10	4626.19	0.05	-1.47	61.0	-1690.54	2011.68	-26.36	-974.98	332.48	-4.606e+04
		-7.290e+04	2712.36	-1.42e-03		0.0	-2810.26	-3785.07	49.99	-80.20	2376.77	2933.58
166	51	1.544e+04	-419.16	-0.05	-1.76	30.5	-2810.26	-1002.21	49.99	-102.29	3177.09	-6.709e+04
						61.0	-2810.26	1577.53	49.99	87.16	3977.40	-4.977e+04
						0.0	-1699.00	-3486.86	-27.49	-1441.86	67.39	1.352e+04
						30.5	-1699.00	-826.17	-27.49	-1122.27	98.90	-5.550e+04
						61.0	-1699.00	2009.30	-27.49	-928.29	130.41	-4.604e+04
						0.0	-2753.04	-3996.84	33.51	376.76	9603.17	5258.41
						30.5	-2753.04	-1006.68	33.51	-116.98	1.018e+04	-6.766e+04
						61.0	-2753.04	1547.25	33.51	81.30	1.075e+04	-5.130e+04
						0.0	-2045.67	-3283.66	7.23	-1895.05	-9142.72	8865.20
						30.5	-2045.67	-850.40	7.23	-1054.60	-8376.93	-5.769e+04
						61.0	-2045.67	1939.82	7.23	-567.19	-7611.14	-4.500e+04
						0.0	-2710.35	-4028.13	33.14	619.41	1.118e+04	4982.63
						30.5	-2710.35	-1013.64	33.14	65.64	1.164e+04	-6.715e+04
						61.0	-2710.35	1563.86	33.14	-139.53	1.210e+04	-5.139e+04
						0.0	-1491.23	-3442.21	-39.95	-1583.14	155.82	1.514e+04
						30.5	-1491.23	-799.91	-39.95	-1218.69	-80.25	-5.335e+04
						61.0	-1491.23	2088.96	-39.95	-1164.05	-316.32	-4.540e+04
						0.0	-3009.57	-3836.88	63.58	146.90	2712.36	1089.10
						30.5	-3009.57	-1032.78	63.58	66.41	3669.28	-6.916e+04
						61.0	-3009.57	1500.25	63.58	276.22	4626.19	-5.044e+04
						0.0	-1502.70	-3432.50	-41.48	-1699.52	-419.16	1.544e+04

		-5.925e+04	-590.32	4.36e-03			30.5	-1502.70	-794.07	-41.48	-1316.69	-504.74	-5.345e+04
166	66	4241.58	1.381e+04	0.07	-1.40		61.0	-1502.70	2085.73	-41.48	-1100.72	-590.32	-4.537e+04
		-7.452e+04	1.251e+04	6.01e-04			0.0	-2931.99	-4124.04	41.23	766.54	1.251e+04	4241.58
							30.5	-2931.99	-1038.84	41.23	46.48	1.316e+04	-6.994e+04
166	72	7096.94	1.578e+04	0.06	-1.44		61.0	-2931.99	1459.19	41.23	268.28	1.381e+04	-5.251e+04
		-7.164e+04	1.540e+04	1.66e-03			0.0	-2528.01	-4122.11	18.04	877.79	1.578e+04	7096.94
							30.5	-2528.01	-1005.78	18.04	72.65	1.559e+04	-6.610e+04
166	73	9132.36	-1.109e+04	-0.06	-1.84		61.0	-2528.01	1597.69	18.04	-276.75	1.540e+04	-5.187e+04
		-6.023e+04	-1.291e+04	1.13e-03			0.0	-1972.79	-3156.97	5.60	-2314.03	-1.291e+04	9132.36
							30.5	-1972.79	-826.92	5.60	-1224.93	-1.200e+04	-5.642e+04
166	79	8564.51	1863.08	3.08e-03	-1.55		61.0	-1972.79	1991.52	5.60	-611.08	-1.109e+04	-4.396e+04
		-6.360e+04	1225.80	1.23e-03			0.0	-2157.16	-3538.79	10.45	-664.93	1225.80	8564.51
							30.5	-2157.16	-896.83	10.45	-525.22	1544.44	-5.897e+04
166	82	7074.07	2836.68	3.08e-03	-1.72		61.0	-2157.16	1731.07	10.45	-394.41	1863.08	-4.630e+04
		-7.228e+04	1922.19	1.71e-03			0.0	-2499.51	-3919.57	14.99	-853.04	1922.19	7074.07
							30.5	-2499.51	-973.15	14.99	-702.35	2379.43	-6.744e+04
166	83	8582.71	1864.56	3.04e-03	-1.59		61.0	-2499.51	1966.06	14.99	-563.54	2836.68	-5.237e+04
		-6.541e+04	1229.93	1.22e-03			0.0	-2220.30	-3628.66	10.40	-686.56	1229.93	8582.71
							30.5	-2220.30	-919.36	10.40	-540.03	1547.25	-6.067e+04
166	86	8564.51	1863.08	3.08e-03	-1.55		61.0	-2220.30	1777.50	10.40	-402.64	1864.56	-4.764e+04
		-6.360e+04	1225.80	1.23e-03			0.0	-2157.16	-3538.79	10.45	-664.93	1225.80	8564.51
							30.5	-2157.16	-896.83	10.45	-525.22	1544.44	-5.897e+04
166	87	7814.74	2349.51	3.05e-03	-1.63		61.0	-2157.16	1731.07	10.45	-394.41	1863.08	-4.630e+04
		-6.749e+04	1572.96	1.47e-03			0.0	-2312.55	-3706.71	12.73	-753.58	1572.96	7814.74
							30.5	-2312.55	-929.36	12.73	-610.09	1961.23	-6.278e+04
166	88	8568.15	1863.38	3.07e-03	-1.56		61.0	-2312.55	1836.96	12.73	-476.92	2349.51	-4.900e+04
		-6.396e+04	1226.62	1.23e-03			0.0	-2169.79	-3556.77	10.44	-669.26	1226.62	8568.15
							30.5	-2169.79	-901.34	10.44	-528.19	1545.00	-5.931e+04
166	91	8564.51	1863.08	3.08e-03	-1.55		61.0	-2169.79	1740.36	10.44	-396.05	1863.38	-4.656e+04
		-6.360e+04	1225.80	1.23e-03			0.0	-2157.16	-3538.79	10.45	-664.93	1225.80	8564.51
							30.5	-2157.16	-896.83	10.45	-525.22	1544.44	-5.897e+04
166	92	8114.65	2154.94	3.05e-03	-1.60		61.0	-2157.16	1731.07	10.45	-394.41	1863.08	-4.630e+04
		-6.594e+04	1434.09	1.38e-03			0.0	-2250.40	-3639.54	11.82	-718.12	1434.09	8114.65
							30.5	-2250.40	-916.35	11.82	-576.14	1794.52	-6.126e+04
167	3	5.188e+04	2430.10	9.90e-03	-2.33		61.0	-2250.40	1794.60	11.82	-443.91	2154.94	-4.792e+04
		-1.092e+04	998.95	1.39e-03			0.0	-1090.94	-4060.73	29.51	-1333.25	998.95	5.188e+04
							24.2	-1090.94	-882.13	29.51	-1153.96	1714.52	-7958.28
167	4	5.252e+04	2427.57	9.87e-03	-2.36		48.5	-1090.94	2250.10	29.51	-987.03	2430.10	8718.79
		-1.112e+04	994.40	1.38e-03			0.0	-1108.48	-4113.42	29.55	-1353.42	994.40	5.252e+04
							24.2	-1108.48	-895.01	29.55	-1169.72	1710.98	-8116.29
167	5	3.651e+04	955.65	7.20e-03	-1.58		48.5	-1108.48	2277.16	29.55	-998.55	2427.57	8732.44
		-5001.93	456.71	7.13e-04			0.0	-601.87	-2711.24	10.29	-829.54	456.71	3.651e+04
							24.2	-601.87	-567.11	10.29	-703.86	706.18	-3173.69
167	12	3.778e+04	950.58	7.15e-03	-1.64		48.5	-601.87	1543.36	10.29	-585.72	955.65	8730.43
		-5413.64	447.61	6.99e-04			0.0	-636.95	-2816.63	10.37	-869.88	447.61	3.778e+04
							24.2	-636.95	-592.87	10.37	-735.38	699.10	-3489.72
167	15	4.014e+04	1459.10	-0.04	-1.78		48.5	-636.95	1597.49	10.37	-608.76	950.58	8757.73
		-1157.30	-222.87	2.10e-03			0.0	-173.07	-2594.41	-37.99	-1320.01	1459.10	4.014e+04
							24.2	-173.07	-525.90	-37.99	-1183.27	618.12	470.78
167	18	3.501e+04	2695.75	0.04	-1.52		48.5	-173.07	1685.32	-37.99	-1239.98	-222.87	1.330e+04
		-1.094e+04	-352.24	-4.49e-04			0.0	-1176.61	-3084.87	66.15	-461.85	-352.24	3.501e+04
							24.2	-1176.61	-677.50	66.15	-339.94	1171.75	-8632.20
167	39	4.178e+04	-6536.34	-0.07	-1.88		48.5	-1176.61	1518.49	66.15	-40.89	2695.75	2933.64
		-4040.13	-8408.75	3.29e-03			0.0	-358.56	-2517.81	-41.13	-1555.58	-6536.34	4.178e+04
							24.2	-358.56	-548.59	-41.13	-1044.91	-7472.55	-2212.70
167	40	3.433e+04	1.159e+04	0.05	-1.52		48.5	-358.56	1810.38	-41.13	-1375.31	-8408.75	1.172e+04
		-5282.02	9362.79	-1.17e-03			0.0	-729.09	-3062.89	46.71	-419.88	9362.79	3.433e+04
							24.2	-729.09	-616.68	46.71	-683.53	1.048e+04	-3363.75
167	41	4.082e+04	-8255.92	-0.05	-1.83		48.5	-729.09	1410.31	46.71	-126.61	1.159e+04	7364.17
		-6813.78	-9116.53	2.82e-03			0.0	-620.59	-2616.39	-18.55	-1361.97	-8255.92	4.082e+04
							24.2	-620.59	-586.72	-18.55	-839.68	-8686.22	-4797.67
167	47	4.105e+04	1781.52	-0.06	-1.83		48.5	-620.59	1793.50	-18.55	-1154.26	-9116.53	8865.26
		583.75	-742.38	2.55e-03			0.0	5.56	-2507.10	-56.52	-1472.76	1781.52	4.105e+04
							24.2	5.56	-498.92	-56.52	-1333.38	519.57	2091.12
167	50	3.410e+04	3215.26	0.06	-1.48		48.5	5.56	1715.01	-56.52	-1453.41	-742.38	1.514e+04
		-1.268e+04	-674.66	-9.02e-04			0.0	-1355.24	-3172.18	84.69	-309.10	-674.66	3.410e+04
							24.2	-1355.24	-704.49	84.69	-189.83	1270.30	-1.025e+04
167	71	4.327e+04	-9060.30	-0.09	-1.96		48.5	-1355.24	1488.80	84.69	172.54	3215.26	1089.18
		-3325.36	-1.184e+04	4.17e-03			0.0	-245.97	-2403.24	-60.78	-1792.19	-9060.30	4.327e+04
							24.2	-245.97	-529.69	-60.78	-1145.77	-1.045e+04	-1547.70
167	72	3.318e+04	1.528e+04	0.07	-1.49		48.5	-245.97	1884.60	-60.78	-1636.92	-1.184e+04	1.300e+04
		-5009.37	1.250e+04	-1.88e-03			0.0	-748.40	-3142.36	58.33	-252.19	1.250e+04	3.318e+04
							24.2	-748.40	-622.01	58.33	-655.73	1.389e+04	-3108.51
167	73	4.197e+04	-1.139e+04	-0.07	-1.90		48.5	-748.40	1342.10	58.33	56.31	1.528e+04	7096.97
		-7086.43	-1.280e+04	3.53e-03			0.0	-601.28	-2536.92	-30.16	-1529.66	-1.139e+04	4.197e+04
							24.2	-601.28	-581.39	-30.16	-867.48	-1.210e+04	-5052.91
							48.5	-601.28	1861.71	-30.16	-1337.18	-1.280e+04	9132.47

167	79	3.685e+04 -5303.46	1035.72 485.74	7.27e-03 7.46e-04	-1.60	0.0 24.2 48.5	-622.74 -622.74 -622.74	-2750.46 -577.51 1561.50	11.34 11.34 11.34	-848.84 -722.30 -603.49	485.74 760.73 1035.72	3.685e+04 -3433.92 8564.58
167	81	3.927e+04 -7784.94	1704.78 711.37	7.53e-03 1.00e-03	-1.75	0.0 24.2 48.5	-796.41 -796.41 -796.41	-3047.74 -658.16 1696.18	20.48 20.48 20.48	-989.15 -853.33 -726.64	711.37 1208.08 1704.78	3.927e+04 -5589.89 7065.04
167	82	3.970e+04 -7922.17	1703.09 708.34	7.51e-03 9.98e-04	-1.77	0.0 24.2 48.5	-808.11 -808.11 -808.11	-3082.86 -666.74 1714.22	20.51 20.51 20.51	-1002.59 -863.83 -734.32	708.34 1205.72 1703.09	3.970e+04 -5695.23 7074.14
167	83	3.770e+04 -5577.93	1032.34 479.68	7.23e-03 7.36e-04	-1.64	0.0 24.2 48.5	-646.13 -646.13 -646.13	-2820.72 -594.67 1597.58	11.40 11.40 11.40	-875.73 -743.31 -618.85	479.68 756.01 1032.34	3.770e+04 -3644.60 8582.78
167	86	3.685e+04 -5303.46	1035.72 485.74	7.27e-03 7.46e-04	-1.60	0.0 24.2 48.5	-622.74 -622.74 -622.74	-2750.46 -577.51 1561.50	11.34 11.34 11.34	-848.84 -722.30 -603.49	485.74 760.73 1035.72	3.685e+04 -3433.92 8564.58
167	87	3.806e+04 -6544.20	1370.25 598.56	7.40e-03 8.74e-04	-1.68	0.0 24.2 48.5	-709.58 -709.58 -709.58	-2899.10 -617.83 1628.84	15.91 15.91 15.91	-918.99 -787.81 -665.07	598.56 984.40 1370.25	3.806e+04 -4511.90 7814.81
167	88	3.702e+04 -5358.35	1035.05 484.53	7.26e-03 7.44e-04	-1.61	0.0 24.2 48.5	-627.41 -627.41 -627.41	-2764.51 -580.94 1568.72	11.35 11.35 11.35	-854.21 -726.50 -606.56	484.53 759.79 1035.05	3.702e+04 -3476.05 8568.22
167	91	3.685e+04 -5303.46	1035.72 485.74	7.27e-03 7.46e-04	-1.60	0.0 24.2 48.5	-622.74 -622.74 -622.74	-2750.46 -577.51 1561.50	11.34 11.34 11.34	-848.84 -722.30 -603.49	485.74 760.73 1035.72	3.685e+04 -3433.92 8564.58
167	92	3.758e+04 -6047.90	1236.44 553.43	7.34e-03 8.23e-04	-1.65	0.0 24.2 48.5	-674.84 -674.84 -674.84	-2839.64 -601.70 1601.91	14.08 14.08 14.08	-890.93 -761.61 -640.43	553.43 894.94 1236.44	3.758e+04 -4080.71 8114.72
168	3	5.188e+04 8377.93	685.84 -211.54	5.53e-03 1.23e-03	-2.32	0.0 24.2 48.5	-138.64 -138.64 -138.64	-2967.04 212.34 3367.12	18.50 18.50 18.50	-1816.60 -1609.22 -1418.76	-211.54 237.15 685.84	4.178e+04 8421.16 5.188e+04
168	4	5.252e+04 8492.19	674.87 -225.89	5.45e-03 1.22e-03	-2.35	0.0 24.2 48.5	-142.23 -142.23 -142.23	-3003.40 214.52 3408.19	18.57 18.57 18.57	-1843.62 -1631.48 -1436.49	-225.89 224.49 674.87	4.231e+04 8534.68 5.252e+04
168	5	3.651e+04 6596.12	215.35 202.35	3.86e-03 6.41e-04	-1.58	0.0 24.2 48.5	11.46 11.46 11.46	-1982.61 163.60 2292.65	-0.27 -0.27 -0.27	-1202.24 -1058.52 -925.92	215.35 208.85 202.35	2.871e+04 6686.75 3.651e+04
168	7	4.014e+04 6411.58	558.84 -206.88	4.24e-03 9.69e-04	-1.80	0.0 24.2 48.5	-119.41 -119.41 -119.41	-2306.26 162.91 2613.20	15.79 15.79 15.79	-1409.58 -1248.18 -1099.90	-206.88 175.98 558.84	3.239e+04 6439.08 4.014e+04
168	15	4.014e+04 8401.72	3673.01 458.31	-0.05 1.96e-03	-1.80	0.0 24.2 48.5	364.72 364.72 364.72	-1845.04 214.00 2531.50	-68.39 -68.39 -68.39	-1552.77 -1579.84 -1628.50	3673.01 2065.66 458.31	3.103e+04 8626.86 4.014e+04
168	18	3.501e+04 4626.74	146.63 -3471.44	0.05 -4.95e-04	-1.50	0.0 24.2 48.5	-413.86 -413.86 -413.86	-2307.03 113.23 2239.52	76.70 76.70 76.70	-974.94 -650.87 -328.66	-3471.44 -1662.41 146.63	2.854e+04 4626.74 3.501e+04
168	39	4.178e+04 7289.13	-3133.56 -7665.62	-0.07 4.48e-03	-1.88	0.0 24.2 48.5	202.98 202.98 202.98	-1813.63 210.04 2679.44	-95.65 -95.65 -95.65	-1729.98 -2120.63 -2542.67	-3133.56 -5399.59 -7665.62	3.212e+04 7419.21 4.178e+04
168	40	3.433e+04 6873.39	9687.23 6098.81	0.05 -2.77e-03	-1.52	0.0 24.2 48.5	-44.76 -44.76 -44.76	-2237.74 142.93 2133.49	75.31 75.31 75.31	-880.01 -207.09 470.48	6098.81 7893.02 9687.23	2.782e+04 6980.72 3.433e+04
168	41	4.082e+04 6234.18	-5897.24 -9082.29	-0.05 4.24e-03	-1.82	0.0 24.2 48.5	-4.38 -4.38 -4.38	-1914.33 184.30 2637.53	-67.00 -67.00 -67.00	-1647.70 -2023.62 -2427.63	-5897.24 -7489.76 -9082.29	3.175e+04 6272.88 4.082e+04
168	47	4.105e+04 9059.59	4944.73 513.80	-0.06 2.40e-03	-1.85	0.0 24.2 48.5	503.30 503.30 503.30	-1762.81 231.93 2583.47	-94.21 -94.21 -94.21	-1655.63 -1745.20 -1859.87	4944.73 2729.26 513.80	3.147e+04 9338.89 4.105e+04
168	50	3.410e+04 3914.72	91.14 -4743.16	0.06 -9.33e-04	-1.46	0.0 24.2 48.5	-552.44 -552.44 -552.44	-2389.26 95.29 2187.55	102.53 102.53 102.53	-872.09 -485.51 -97.29	-4743.16 -2326.01 91.14	2.809e+04 3914.72 3.410e+04
168	71	4.327e+04 7550.91	-4284.99 -1.050e+04	-0.09 5.81e-03	-1.96	0.0 24.2 48.5	283.99 283.99 283.99	-1720.20 226.57 2784.07	-131.18 -131.18 -131.18	-1895.92 -2478.50 -3099.48	-4284.99 -7393.62 -1.050e+04	3.295e+04 7701.31 4.327e+04
168	72	3.318e+04 6987.17	1.303e+04 8234.10	0.07 -4.02e-03	-1.48	0.0 24.2 48.5	-51.95 -51.95 -51.95	-2295.31 135.57 2043.77	100.64 100.64 100.64	-743.36 116.25 986.34	8234.10 1.063e+04 1.303e+04	2.712e+04 7106.72 3.318e+04
168	73	4.197e+04 6120.40	-8032.53 -1.242e+04	-0.07 5.49e-03	-1.89	0.0 24.2 48.5	2.81 2.81 2.81	-1856.76 191.66 2727.24	-92.33 -92.33 -92.33	-1784.35 -2346.97 -2943.49	-8032.53 -1.023e+04 -1.242e+04	3.245e+04 6146.89 4.197e+04
168	79	3.685e+04 6590.69	231.17 185.23	3.91e-03 6.69e-04	-1.60	0.0 24.2 48.5	1.60 1.60 1.60	-2011.30 163.75 2321.40	0.95 0.95 0.95	-1222.39 -1077.42 -943.78	185.23 208.20 231.17	2.905e+04 6676.34 3.685e+04
168	81	3.927e+04 6467.66	468.83 -96.25	4.17e-03 8.88e-04	-1.75	0.0 24.2 48.5	-85.64 -85.64 -85.64	-2227.07 163.29 2535.10	11.65 11.65 11.65	-1360.62 -1203.87 -1059.77	-96.25 186.29 468.83	3.150e+04 6511.23 3.927e+04
168	82	3.970e+04 6543.84	461.52 -105.82	4.12e-03 8.84e-04	-1.77	0.0 24.2	-88.04 -88.04	-2251.31 164.74	11.70 11.70	-1378.63 -1218.70	-105.82 177.85	3.186e+04 6586.90

						48.5	-88.04	2562.48	11.70	-1071.59	461.52	3.970e+04
168	86	3.685e+04	231.17	3.91e-03	-1.60	0.0	1.60	-2011.30	0.95	-1222.39	185.23	2.905e+04
		6590.69	185.23	6.69e-04		24.2	1.60	163.75	0.95	-1077.42	208.20	6676.34
						48.5	1.60	2321.40	0.95	-943.78	231.17	3.685e+04
168	87	3.806e+04	350.00	4.04e-03	-1.67	0.0	-42.02	-2119.19	6.30	-1291.50	44.49	3.028e+04
		6529.18	44.49	7.78e-04		24.2	-42.02	163.52	6.30	-1140.65	197.25	6593.78
						48.5	-42.02	2428.25	6.30	-1001.77	350.00	3.806e+04
168	91	3.685e+04	231.17	3.91e-03	-1.60	0.0	1.60	-2011.30	0.95	-1222.39	185.23	2.905e+04
		6590.69	185.23	6.69e-04		24.2	1.60	163.75	0.95	-1077.42	208.20	6676.34
						48.5	1.60	2321.40	0.95	-943.78	231.17	3.685e+04
168	92	3.758e+04	302.47	3.99e-03	-1.64	0.0	-24.57	-2076.03	4.16	-1263.86	100.79	2.978e+04
		6553.79	100.79	7.34e-04		24.2	-24.57	163.61	4.16	-1115.36	201.63	6626.80
						48.5	-24.57	2385.51	4.16	-978.58	302.47	3.758e+04
169	1	3.810e+04	780.77	1.42e-03	-2.02	0.0	246.59	-2443.43	-18.56	-2513.77	780.77	2.372e+04
		-2673.67	-119.53	8.60e-04		24.2	246.59	297.43	-18.56	-2290.87	330.62	-2290.87
						48.5	246.59	3032.49	-18.56	-2090.99	-119.53	3.810e+04
169	4	4.231e+04	-461.78	1.45e-03	-2.26	0.0	175.37	-2757.06	-1.13	-2828.82	-461.78	2.635e+04
		-3483.78	-516.63	1.26e-03		24.2	175.37	330.02	-1.13	-2579.08	-489.21	-3067.77
						48.5	175.37	3411.21	-1.13	-2355.24	-516.63	4.231e+04
169	7	3.239e+04	-419.08	1.20e-03	-1.73	0.0	126.08	-2116.71	0.82	-2161.80	-458.67	2.018e+04
		-2732.79	-458.67	1.00e-03		24.2	126.08	252.72	0.82	-1971.62	-438.87	-2415.22
						48.5	126.08	2617.28	0.82	-1801.24	-419.08	3.239e+04
169	9	3.916e+04	732.58	1.16e-03	-2.07	0.0	249.35	-2506.83	-18.38	-2591.59	732.58	2.437e+04
		-2705.09	-158.98	8.54e-04		24.2	249.35	305.61	-18.38	-2358.35	286.80	-2311.15
						48.5	249.35	3113.40	-18.38	-2148.80	-158.98	3.916e+04
169	15	3.103e+04	8437.76	-0.05	-1.75	0.0	512.56	-1718.92	-121.10	-2602.89	8437.76	1.900e+04
		-447.21	2519.47	1.50e-03		24.2	512.56	251.64	-121.10	-2556.73	5478.61	-167.50
						48.5	512.56	2597.77	-121.10	-2540.35	2519.47	3.103e+04
169	18	2.854e+04	-2810.62	0.05	-1.43	0.0	-154.40	-2114.03	97.53	-1333.16	-7585.52	1.808e+04
		-3881.03	-7585.52	8.48e-05		24.2	-154.40	213.36	97.53	-1030.29	-5198.07	-3564.70
						48.5	-154.40	2156.23	97.53	-733.69	-2810.62	2.854e+04
169	22	2.852e+04	-2433.59	0.05	-1.43	0.0	-149.38	-2117.10	101.71	-1311.52	-7447.91	1.807e+04
		-3900.98	-7447.91	-3.79e-04		24.2	-149.38	213.18	101.71	-999.44	-4940.75	-3584.71
						48.5	-149.38	2152.92	101.71	-693.29	-2433.59	2.852e+04
169	41	3.175e+04	-400.99	-0.05	-1.75	0.0	179.91	-1734.28	-142.75	-3094.61	-400.99	1.975e+04
		-1342.20	-7798.20	5.28e-03		24.2	179.91	248.02	-142.75	-3411.09	-4099.60	-1053.76
						48.5	179.91	2590.39	-142.75	-3760.75	-7798.20	3.175e+04
169	43	3.214e+04	3791.85	-0.07	-1.81	0.0	350.57	-1656.02	-187.72	-3241.31	3791.85	1.983e+04
		-566.40	-5712.16	5.50e-03		24.2	350.57	255.91	-187.72	-3546.10	-960.16	-286.25
						48.5	350.57	2676.60	-187.72	-3892.07	-5712.16	3.214e+04
169	47	3.147e+04	1.129e+04	-0.07	-1.81	0.0	631.27	-1648.59	-160.02	-2828.90	1.129e+04	1.917e+04
		164.00	3468.23	1.78e-03		24.2	631.27	258.46	-160.02	-2828.44	7379.07	437.20
						48.5	631.27	2676.36	-160.02	-2861.93	3468.23	3.147e+04
169	50	2.809e+04	-3759.38	0.07	-1.39	0.0	-273.12	-2184.36	136.44	-1107.15	-1.044e+04	1.792e+04
		-4492.25	-1.044e+04	-3.47e-04		24.2	-273.12	206.55	136.44	-758.59	-7098.53	-4169.40
						48.5	-273.12	2077.64	136.44	-412.10	-3759.38	2.809e+04
169	54	2.806e+04	-3248.12	0.07	-1.39	0.0	-266.31	-2188.51	142.12	-1077.81	-1.025e+04	1.790e+04
		-4519.30	-1.025e+04	-7.69e-04		24.2	-266.31	206.30	142.12	-716.75	-6749.60	-4196.53
						48.5	-266.31	2073.14	142.12	-357.32	-3248.12	2.806e+04
169	73	3.245e+04	-695.44	-0.06	-1.81	0.0	180.20	-1669.43	-189.37	-3495.68	-695.44	2.017e+04
		-1049.58	-1.052e+04	6.91e-03		24.2	180.20	253.55	-189.37	-3986.94	-5608.99	-764.56
						48.5	180.20	2666.36	-189.37	-4516.79	-1.052e+04	3.245e+04
169	75	3.298e+04	4990.05	-0.09	-1.90	0.0	411.62	-1563.30	-250.35	-3694.60	4990.05	2.029e+04
		2.41	-7693.86	7.21e-03		24.2	411.62	264.25	-250.35	-4170.01	-1351.91	276.18
						48.5	411.62	2783.26	-250.35	-4694.87	-7693.86	3.298e+04
169	79	2.905e+04	669.81	1.07e-03	-1.54	0.0	193.60	-1860.09	-15.26	-1912.80	669.81	1.808e+04
		-2005.24	-70.10	6.36e-04		24.2	193.60	226.80	-15.26	-1742.62	299.85	-1712.75
						48.5	193.60	2309.35	-15.26	-1589.95	-70.10	2.905e+04
169	81	3.150e+04	-142.50	1.18e-03	-1.68	0.0	145.20	-2048.04	-3.69	-2096.89	-142.50	1.962e+04
		-2534.84	-321.68	9.02e-04		24.2	145.20	245.80	-3.69	-1912.26	-232.09	-2223.92
						48.5	145.20	2534.86	-3.69	-1746.85	-321.68	3.150e+04
169	82	3.186e+04	-158.56	1.09e-03	-1.70	0.0	146.12	-2069.18	-3.63	-2122.83	-158.56	1.984e+04
		-2545.31	-334.83	9.00e-04		24.2	146.12	248.53	-3.63	-1934.76	-246.70	-2230.68
						48.5	146.12	2561.83	-3.63	-1766.12	-334.83	3.186e+04
169	83	2.975e+04	637.68	8.94e-04	-1.57	0.0	195.44	-1902.36	-15.14	-1964.68	637.68	1.852e+04
		-2026.19	-96.40	6.32e-04		24.2	195.44	232.26	-15.14	-1787.60	270.64	-1726.27
						48.5	195.44	2363.28	-15.14	-1628.49	-96.40	2.975e+04
169	86	2.905e+04	669.81	1.07e-03	-1.54	0.0	193.60	-1860.09	-15.26	-1912.80	669.81	1.808e+04
		-2005.24	-70.10	6.36e-04		24.2	193.60	226.80	-15.26	-1742.62	299.85	-1712.75
						48.5	193.60	2309.35	-15.26	-1589.95	-70.10	2.905e+04
169	87	3.028e+04	263.66	1.12e-03	-1.61	0.0	169.40	-1954.07	-9.48	-2004.84	263.66	1.885e+04
		-2270.04	-195.89	7.69e-04		24.2	169.40	236.30	-9.48	-1827.44	33.88	-1968.34
						48.5	169.40	2422.10	-9.48	-1668.40	-195.89	3.028e+04
169	88	2.919e+04	663.38	1.03e-03	-1.54	0.0	193.96	-1868.54	-15.23	-1923.17	663.38	1.817e+04
		-2009.43	-75.36	6.35e-04		24.2	193.96	227.89	-15.23	-1751.62	294.01	-1715.45
						48.5	193.96	2320.13	-15.23	-1597.66	-75.36	2.919e+04
169	91	2.905e+04	669.81	1.07e-03	-1.54	0.0	193.60	-1860.09	-15.26	-1912.80	669.81	1.808e+04

		-2005.24	-70.10	6.36e-04		24.2	193.60	226.80	-15.26	-1742.62	299.85	-1712.75
						48.5	193.60	2309.35	-15.26	-1589.95	-70.10	2.905e+04
169	92	2.978e+04	426.12	1.10e-03	-1.58	0.0	179.08	-1916.48	-11.79	-1968.03	426.12	1.854e+04
		-2164.12	-145.57	7.16e-04		24.2	179.08	232.50	-11.79	-1793.51	140.27	-1866.10
						48.5	179.08	2377.00	-11.79	-1637.02	-145.57	2.978e+04
170	1	2.372e+04	1170.06	8.90e-04	-1.98	0.0	502.24	-2411.87	5.06	-4406.83	924.70	1.100e+04
		-1.534e+04	924.70	7.23e-04		24.2	502.24	262.87	5.06	-4117.90	1047.38	-1.505e+04
						48.5	502.24	2934.15	5.06	-3869.30	1170.06	2.372e+04
170	4	2.635e+04	16.21	9.48e-04	-2.21	0.0	491.54	-2719.16	28.56	-4901.46	-1368.89	1.215e+04
		-1.757e+04	-1368.89	1.34e-03		24.2	491.54	293.34	28.56	-4578.20	-676.34	-1.725e+04
						48.5	491.54	3302.19	28.56	-4299.78	16.21	2.635e+04
170	7	2.018e+04	-85.57	8.21e-04	-1.70	0.0	370.99	-2088.47	23.63	-3746.06	-1231.68	9314.29
		-1.352e+04	-1231.68	1.08e-03		24.2	370.99	224.47	23.63	-3499.65	-658.63	-1.327e+04
						48.5	370.99	2534.21	23.63	-3287.53	-85.57	2.018e+04
170	9	2.437e+04	1131.48	6.05e-04	-2.03	0.0	513.01	-2471.56	6.60	-4534.33	811.44	1.126e+04
		-1.571e+04	811.44	7.27e-04		24.2	513.01	270.57	6.60	-4233.30	971.46	-1.541e+04
						48.5	513.01	3010.45	6.60	-3973.73	1131.48	2.437e+04
170	15	1.900e+04	1.515e+04	-0.06	-1.73	0.0	678.28	-1686.39	-152.75	-4859.14	1.515e+04	1.169e+04
		-8699.60	7642.95	-2.62e-03		24.2	678.28	266.03	-152.75	-4726.70	1.139e+04	-8551.88
						48.5	678.28	2564.77	-152.75	-4641.70	7642.95	1.900e+04
170	18	1.808e+04	-6167.17	0.06	-1.38	0.0	88.61	-2096.66	167.02	-2027.99	-1.436e+04	5488.76
		-1.543e+04	-1.436e+04	3.90e-03		24.2	88.61	145.24	167.02	-1708.21	-1.026e+04	-1.513e+04
						48.5	88.61	2035.42	167.02	-1404.01	-6167.17	1.808e+04
170	27	1.909e+04	1.579e+04	-0.06	-1.73	0.0	642.26	-1673.56	-197.22	-4566.07	1.579e+04	1.104e+04
		-9412.62	6262.52	2.01e-03		24.2	642.26	252.79	-197.22	-4428.24	1.102e+04	-9208.85
						48.5	642.26	2538.30	-197.22	-4338.61	6262.52	1.909e+04
170	30	1.800e+04	-4786.75	0.06	-1.38	0.0	124.62	-2109.49	211.49	-2321.07	-1.500e+04	6146.90
		-1.472e+04	-1.500e+04	-7.29e-04		24.2	124.62	158.48	211.49	-2006.67	-9894.92	-1.447e+04
						48.5	124.62	2061.90	211.49	-1707.10	-4786.75	1.800e+04
170	43	1.983e+04	1.514e+04	-0.07	-1.78	0.0	508.92	-1560.84	-292.78	-5533.83	1.514e+04	1.258e+04
		-1.088e+04	661.60	5.06e-03		24.2	508.92	263.27	-292.78	-5728.21	7898.84	-1.051e+04
						48.5	508.92	2547.16	-292.78	-5980.33	661.60	1.983e+04
170	47	1.917e+04	2.040e+04	-0.08	-1.80	0.0	783.24	-1613.37	-209.67	-5363.09	2.040e+04	1.280e+04
		-7501.05	1.010e+04	-3.78e-03		24.2	783.24	287.53	-209.67	-5263.99	1.525e+04	-7381.34
						48.5	783.24	2659.00	-209.67	-5218.01	1.010e+04	1.917e+04
170	50	1.792e+04	-8625.38	0.08	-1.33	0.0	-16.35	-2169.68	223.94	-1524.05	-1.961e+04	4384.35
		-1.663e+04	-1.961e+04	5.06e-03		24.2	-16.35	123.75	223.94	-1170.92	-1.412e+04	-1.630e+04
						48.5	-16.35	1941.20	223.94	-827.70	-8625.38	1.792e+04
170	59	1.928e+04	2.127e+04	-0.08	-1.79	0.0	734.40	-1595.97	-269.97	-4965.68	2.127e+04	1.191e+04
		-8467.91	8229.30	2.50e-03		24.2	734.40	269.58	-269.97	-4859.29	1.475e+04	-8272.19
						48.5	734.40	2623.09	-269.97	-4807.01	8229.30	1.928e+04
170	62	1.780e+04	-6753.52	0.08	-1.34	0.0	32.49	-2187.08	284.24	-1921.46	-2.048e+04	5276.69
		-1.566e+04	-2.048e+04	-1.22e-03		24.2	32.49	141.69	284.24	-1575.63	-1.362e+04	-1.541e+04
						48.5	32.49	1977.10	284.24	-1238.70	-6753.52	1.780e+04
170	75	2.029e+04	2.039e+04	-0.10	-1.87	0.0	553.59	-1443.11	-399.55	-6277.95	2.039e+04	1.400e+04
		-1.045e+04	634.45	6.64e-03		24.2	553.59	283.79	-399.55	-6622.04	1.051e+04	-1.004e+04
						48.5	553.59	2635.12	-399.55	-7033.18	634.45	2.029e+04
170	79	1.808e+04	964.80	6.57e-04	-1.51	0.0	386.66	-1836.04	2.59	-3357.39	839.13	8387.22
		-1.166e+04	839.13	5.19e-04		24.2	386.66	200.31	2.59	-3136.93	901.96	-1.144e+04
						48.5	386.66	2234.12	2.59	-2947.20	964.80	1.808e+04
170	81	1.962e+04	208.43	7.90e-04	-1.65	0.0	375.94	-2021.00	17.74	-3644.65	-652.18	9067.12
		-1.302e+04	-652.18	9.27e-04		24.2	375.94	218.06	17.74	-3405.34	-221.88	-1.278e+04
						48.5	375.94	2454.04	17.74	-3199.38	208.43	1.962e+04
170	82	1.984e+04	195.57	6.95e-04	-1.66	0.0	379.53	-2040.90	18.26	-3687.15	-689.94	9156.56
		-1.314e+04	-689.94	9.28e-04		24.2	379.53	220.63	18.26	-3443.80	-247.18	-1.290e+04
						48.5	379.53	2479.48	18.26	-3234.19	195.57	1.984e+04
170	83	1.852e+04	939.08	4.67e-04	-1.54	0.0	393.84	-1875.83	3.62	-3442.40	763.62	8566.10
		-1.191e+04	763.62	5.21e-04		24.2	393.84	205.45	3.62	-3213.87	851.35	-1.168e+04
						48.5	393.84	2284.99	3.62	-3016.82	939.08	1.852e+04
170	86	1.808e+04	964.80	6.57e-04	-1.51	0.0	386.66	-1836.04	2.59	-3357.39	839.13	8387.22
		-1.166e+04	839.13	5.19e-04		24.2	386.66	200.31	2.59	-3136.93	901.96	-1.144e+04
						48.5	386.66	2234.12	2.59	-2947.20	964.80	1.808e+04
170	87	1.885e+04	586.61	7.24e-04	-1.58	0.0	381.30	-1928.52	10.17	-3501.02	93.47	8727.17
		-1.234e+04	93.47	7.23e-04		24.2	381.30	209.19	10.17	-3271.14	340.04	-1.211e+04
						48.5	381.30	2344.08	10.17	-3073.29	586.61	1.885e+04
170	88	1.817e+04	959.66	6.19e-04	-1.51	0.0	388.09	-1844.00	2.80	-3374.39	824.03	8423.00
		-1.171e+04	824.03	5.19e-04		24.2	388.09	201.34	2.80	-3152.32	891.84	-1.148e+04
						48.5	388.09	2244.30	2.80	-2961.12	959.66	1.817e+04
170	91	1.808e+04	964.80	6.57e-04	-1.51	0.0	386.66	-1836.04	2.59	-3357.39	839.13	8387.22
		-1.166e+04	839.13	5.19e-04		24.2	386.66	200.31	2.59	-3136.93	901.96	-1.144e+04
						48.5	386.66	2234.12	2.59	-2947.20	964.80	1.808e+04
170	92	1.854e+04	737.89	6.97e-04	-1.55	0.0	383.44	-1891.53	7.14	-3443.57	391.73	8591.19
		-1.207e+04	391.73	6.41e-04		24.2	383.44	205.64	7.14	-3217.46	564.81	-1.184e+04
						48.5	383.44	2300.10	7.14	-3022.85	737.89	1.854e+04
171	1	2.484e+04	-1120.04	-4.98e-03	-1.96	0.0	621.70	-2296.59	7.12	6327.57	-1465.50	7658.90
		-1.639e+04	-1465.50	5.18e-04		24.2	621.70	357.57	7.12	6271.08	-1292.77	-1.580e+04
						48.5	621.70	2991.34	7.12	6275.76	-1120.04	2.484e+04

171	4	2.790e+04	860.46	5.54e-03	-2.19	0.0	696.44	-2585.36	-41.77	6916.72	860.46	8487.26
		-1.857e+04	-1165.58	1.43e-03		24.2	696.44	404.10	-41.77	6853.13	-152.56	-1.791e+04
						48.5	696.44	3370.85	-41.77	6856.38	-1165.58	2.790e+04
171	5	1.866e+04	-844.24	-3.76e-03	-1.47	0.0	467.16	-1724.85	12.03	4780.74	-1427.77	5766.06
		-1.229e+04	-1427.77	2.74e-04		24.2	467.16	268.40	12.03	4741.22	-1136.01	-1.186e+04
						48.5	467.16	2246.23	12.03	4747.94	-844.24	1.866e+04
171	8	2.173e+04	898.20	4.33e-03	-1.70	0.0	541.90	-2013.62	-36.87	5369.89	898.20	6594.42
		-1.448e+04	-889.78	1.19e-03		24.2	541.90	314.93	-36.87	5323.27	4.21	-1.396e+04
						48.5	541.90	2625.75	-36.87	5328.56	-889.78	2.173e+04
171	19	2.039e+04	-4206.36	-0.06	-1.72	0.0	655.88	-1562.17	258.28	3040.53	-1.646e+04	8821.59
		-1.064e+04	-1.646e+04	-2.08e-03		24.2	655.88	321.77	258.28	2795.45	-1.033e+04	-1.017e+04
						48.5	655.88	2589.46	258.28	2577.37	-4206.36	2.039e+04
171	27	2.020e+04	-5573.48	-0.06	-1.71	0.0	695.77	-1589.27	232.90	3480.52	-1.654e+04	8052.82
		-1.024e+04	-1.654e+04	-8.08e-04		24.2	695.77	313.63	232.90	3270.95	-1.106e+04	-9819.23
						48.5	695.77	2588.97	232.90	3091.97	-5573.48	2.020e+04
171	30	1.872e+04	1.494e+04	0.06	-1.37	0.0	278.19	-2011.64	-235.50	6387.64	1.494e+04	3910.65
		-1.549e+04	3842.30	1.86e-03		24.2	278.19	247.59	-235.50	6508.00	9389.69	-1.500e+04
						48.5	278.19	2102.51	-235.50	6693.13	3842.30	1.872e+04
171	43	1.976e+04	-9250.12	-0.07	-1.74	0.0	798.16	-1603.24	108.93	2673.28	-1.399e+04	1.004e+04
		-7803.28	-1.399e+04	2.72e-03		24.2	798.16	365.12	108.93	2610.71	-1.162e+04	-7544.70
						48.5	798.16	2672.24	108.93	2573.10	-9250.12	1.976e+04
171	46	1.917e+04	1.239e+04	0.07	-1.35	0.0	175.80	-1997.67	-111.53	7194.88	1.239e+04	1918.99
		-1.793e+04	7518.94	-1.67e-03		24.2	175.80	196.10	-111.53	7168.23	9952.14	-1.727e+04
						48.5	175.80	2019.24	-111.53	7212.01	7518.94	1.917e+04
171	51	2.072e+04	-5395.67	-0.09	-1.79	0.0	716.01	-1477.34	350.69	2366.43	-2.203e+04	9832.57
		-9851.34	-2.203e+04	-3.01e-03		24.2	716.01	336.42	350.69	2049.98	-1.371e+04	-9378.65
						48.5	716.01	2676.22	350.69	1753.16	-5395.67	2.072e+04
171	59	2.047e+04	-7249.49	-0.08	-1.77	0.0	770.09	-1514.09	316.27	2963.06	-2.215e+04	8790.13
		-9309.52	-2.215e+04	-1.28e-03		24.2	770.09	325.38	316.27	2694.75	-1.470e+04	-8897.31
						48.5	770.09	2675.56	316.27	2450.97	-7249.49	2.047e+04
171	62	1.846e+04	2.054e+04	0.08	-1.32	0.0	203.86	-2086.82	-318.87	6905.10	2.054e+04	3173.35
		-1.642e+04	5518.31	2.33e-03		24.2	203.86	235.84	-318.87	7084.19	1.303e+04	-1.592e+04
						48.5	203.86	2015.92	-318.87	7334.14	5518.31	1.846e+04
171	75	1.987e+04	-1.224e+04	-0.09	-1.82	0.0	908.94	-1533.03	148.17	1868.44	-1.869e+04	1.149e+04
		-6000.68	-1.869e+04	3.50e-03		24.2	908.94	395.21	148.17	1799.48	-1.546e+04	-5813.05
						48.5	908.94	2788.47	148.17	1747.37	-1.224e+04	1.987e+04
171	78	1.906e+04	1.708e+04	0.09	-1.29	0.0	65.02	-2067.88	-150.77	7999.72	1.708e+04	472.67
		-1.973e+04	1.050e+04	-2.45e-03		24.2	65.02	166.01	-150.77	7979.47	1.379e+04	-1.900e+04
						48.5	65.02	1903.00	-150.77	8037.73	1.050e+04	1.906e+04
171	79	1.891e+04	-854.04	-3.80e-03	-1.49	0.0	473.41	-1748.45	8.33	4829.70	-1257.94	5836.94
		-1.247e+04	-1257.94	3.44e-04		24.2	473.41	272.16	8.33	4787.96	-1055.99	-1.203e+04
						48.5	473.41	2277.20	8.33	4792.91	-854.04	1.891e+04
171	82	2.096e+04	292.70	-4.18e-03	-1.64	0.0	523.24	-1940.97	-24.27	5222.47	292.70	6389.18
		-1.392e+04	-884.40	9.54e-04		24.2	523.24	303.18	-24.27	5175.99	-295.85	-1.343e+04
						48.5	523.24	2530.21	-24.27	5179.99	-884.40	2.096e+04
171	86	1.891e+04	-854.04	-3.80e-03	-1.49	0.0	473.41	-1748.45	8.33	4829.70	-1257.94	5836.94
		-1.247e+04	-1257.94	3.44e-04		24.2	473.41	272.16	8.33	4787.96	-1055.99	-1.203e+04
						48.5	473.41	2277.20	8.33	4792.91	-854.04	1.891e+04
171	87	1.983e+04	-498.96	-3.95e-03	-1.56	0.0	496.02	-1835.13	-7.72	5003.67	-498.96	6078.27
		-1.313e+04	-873.29	6.46e-04		24.2	496.02	286.24	-7.72	4957.15	-686.13	-1.266e+04
						48.5	496.02	2391.43	-7.72	4958.98	-873.29	1.983e+04
171	91	1.891e+04	-854.04	-3.80e-03	-1.49	0.0	473.41	-1748.45	8.33	4829.70	-1257.94	5836.94
		-1.247e+04	-1257.94	3.44e-04		24.2	473.41	272.16	8.33	4787.96	-1055.99	-1.203e+04
						48.5	473.41	2277.20	8.33	4792.91	-854.04	1.891e+04
171	92	1.946e+04	-802.55	-3.89e-03	-1.53	0.0	486.98	-1800.46	-1.30	4934.08	-802.55	5981.74
		-1.287e+04	-865.59	5.25e-04		24.2	486.98	280.61	-1.30	4889.47	-834.07	-1.241e+04
						48.5	486.98	2345.74	-1.30	4892.55	-865.59	1.946e+04
172	1	4.232e+04	1091.73	-5.81e-03	-1.99	0.0	583.74	-2341.93	48.22	3614.49	-1246.82	2.484e+04
		315.58	-1246.82	3.69e-04		24.2	583.74	364.61	48.22	3669.16	-77.55	910.10
						48.5	583.74	3046.50	48.22	3760.81	1091.73	4.232e+04
172	4	4.792e+04	358.90	6.47e-03	-2.22	0.0	680.35	-2631.14	27.71	3837.67	-985.09	2.790e+04
		423.39	-985.09	1.34e-03		24.2	680.35	417.19	27.71	3894.92	-313.10	1112.80
						48.5	680.35	3438.07	27.71	3991.42	358.90	4.792e+04
172	5	3.174e+04	944.25	-4.39e-03	-1.49	0.0	435.06	-1759.62	39.77	2745.08	-984.47	1.866e+04
		225.19	-984.47	1.53e-04		24.2	435.06	272.86	39.77	2789.78	-20.11	668.80
						48.5	435.06	2286.72	39.77	2862.60	944.25	3.174e+04
172	9	4.334e+04	1123.80	-6.05e-03	-2.03	0.0	595.02	-2399.84	48.20	3674.14	-1214.01	2.545e+04
		321.44	-1214.01	3.95e-04		24.2	595.02	373.06	48.20	3746.35	-45.11	929.11
						48.5	595.02	3120.28	48.20	3856.31	1123.80	4.334e+04
172	15	3.515e+04	3312.79	-0.06	-1.73	0.0	634.51	-1630.51	192.12	1441.63	-6004.82	2.038e+04
		1567.60	-6004.82	-3.72e-03		24.2	634.51	309.71	192.12	1237.03	-1346.01	2009.66
						48.5	634.51	2628.66	192.12	1044.66	3312.79	3.515e+04
172	43	3.394e+04	-3957.85	-0.05	-1.72	0.0	754.58	-1630.97	113.76	1593.36	-9365.29	1.976e+04
		2325.53	-9365.29	5.70e-03		24.2	754.58	303.16	113.76	1574.53	-6661.57	2784.26
						48.5	754.58	2594.89	113.76	1571.25	-3957.85	3.394e+04
172	46	3.250e+04	7523.17	0.05	-1.41	0.0	167.73	-2039.69	-45.45	4014.05	7523.17	1.917e+04
		-1813.34	5428.72	-4.86e-03		24.2	167.73	270.50	-45.45	4116.82	6475.94	-1334.03

172	47	3.583e+04	4230.33	-0.08	-1.80	48.5	167.73	2184.56	-45.45	4261.39	5428.72	3.250e+04
		2034.50	-7814.64	-5.20e-03		0.0	696.23	-1557.59	248.35	956.73	-7814.64	2.071e+04
172	75	3.419e+04	-5628.65	-0.07	-1.78	24.2	696.23	317.85	248.35	664.35	-1792.15	2466.96
		3062.25	-1.237e+04	7.58e-03		48.5	696.23	2713.71	248.35	378.35	4230.33	3.583e+04
172	78	3.225e+04	1.053e+04	0.07	-1.37	0.0	859.04	-1558.22	142.10	1162.48	-1.237e+04	1.987e+04
		-2550.06	7099.52	-6.74e-03		24.2	859.04	308.98	142.10	1122.00	-9000.04	3517.32
172	79	3.220e+04	885.21	-4.43e-03	-1.51	48.5	859.04	2667.93	142.10	1092.40	-5628.65	3.419e+04
		235.12	-970.13	2.27e-04		0.0	63.27	-2112.44	-73.79	4444.93	1.053e+04	1.906e+04
172	82	3.593e+04	396.65	4.88e-03	-1.67	24.2	63.27	264.69	-73.79	4569.34	8814.42	-2067.08
		306.99	-795.64	8.76e-04		48.5	63.27	2111.52	-73.79	4740.23	7099.52	3.225e+04
172	83	3.288e+04	906.58	-4.60e-03	-1.55	0.0	442.96	-1783.28	38.25	2765.03	-970.13	1.891e+04
		239.03	-948.25	2.44e-04		24.2	442.96	277.16	38.25	2808.24	-42.46	686.48
172	86	3.220e+04	885.21	-4.43e-03	-1.51	48.5	442.96	2318.79	38.25	2879.75	885.21	3.220e+04
		235.12	-970.13	2.27e-04		0.0	507.37	-1976.09	24.58	2913.82	-795.64	2.096e+04
172	87	3.390e+04	635.59	4.61e-03	-1.58	24.2	507.37	312.22	24.58	2958.74	-199.49	821.61
		270.08	-888.35	5.48e-04		48.5	507.37	2579.84	24.58	3033.49	396.65	3.593e+04
172	88	3.234e+04	889.48	-4.47e-03	-1.52	0.0	450.47	-1821.89	38.24	2804.80	-948.25	1.932e+04
		235.90	-965.75	2.31e-04		24.2	450.47	282.79	38.24	2859.69	-20.83	699.15
172	91	3.220e+04	885.21	-4.43e-03	-1.51	48.5	450.47	2367.98	38.24	2943.41	906.58	3.288e+04
		235.12	-970.13	2.27e-04		0.0	442.96	-1783.28	38.25	2765.03	-970.13	1.891e+04
172	92	3.322e+04	735.44	-4.54e-03	-1.56	24.2	442.96	277.16	38.25	2808.24	-42.46	686.48
		256.09	-921.06	4.20e-04		48.5	442.96	2318.79	38.25	2879.75	885.21	3.220e+04
173	3	6.395e+04	905.55	0.01	-2.30	0.0	461.15	-1835.33	34.15	2803.70	-921.06	1.946e+04
		1.742e+04	-511.99	1.32e-03		24.2	461.15	286.83	34.15	2845.67	-92.81	725.12
173	4	6.462e+04	917.10	0.01	-2.32	48.5	461.15	2389.73	34.15	2916.32	735.44	3.322e+04
		1.760e+04	-501.58	1.33e-03		0.0	641.59	-2792.28	29.23	2128.97	-511.99	4.741e+04
173	5	4.265e+04	1669.64	8.08e-03	-1.56	24.2	641.59	349.95	29.23	2254.13	196.78	1.789e+04
		1.143e+04	180.93	2.39e-04		48.5	641.59	3438.12	29.23	2403.41	905.55	6.395e+04
173	9	5.825e+04	2002.84	0.01	-2.13	0.0	645.48	-2822.81	29.25	2135.27	-501.58	4.792e+04
		1.565e+04	139.64	4.91e-04		24.2	645.48	353.41	29.25	2270.45	207.76	1.807e+04
173	20	4.613e+04	8716.71	-0.04	-1.75	48.5	645.48	3474.76	29.25	2429.90	917.10	6.462e+04
		1.135e+04	3700.42	-2.79e-03		0.0	391.08	-1887.25	30.70	1558.94	180.93	3.174e+04
173	21	4.326e+04	-3692.08	0.04	-1.54	24.2	391.08	230.98	30.70	1659.86	925.29	1.173e+04
		1.273e+04	-5973.01	3.74e-03		48.5	391.08	2312.52	30.70	1778.53	1669.64	4.265e+04
173	39	4.953e+04	-549.82	-0.04	-1.77	0.0	537.62	-2573.05	38.42	2061.24	139.64	4.334e+04
		1.498e+04	-4675.35	-1.47e-03		24.2	537.62	315.70	38.42	2209.57	1071.24	1.606e+04
173	43	4.924e+04	-930.98	-0.04	-1.76	48.5	537.62	3154.06	38.42	2381.54	2002.84	5.825e+04
		1.504e+04	-4984.04	-1.20e-03		0.0	482.94	-1862.52	103.72	1005.15	3700.42	3.500e+04
173	46	4.015e+04	4992.38	0.04	-1.50	24.2	482.94	235.71	103.72	819.08	6208.57	1.161e+04
		9042.27	3674.68	2.15e-03		48.5	482.94	2608.42	103.72	641.95	8716.71	4.613e+04
173	52	4.664e+04	1.133e+04	-0.06	-1.79	0.0	362.56	-2075.02	-47.32	2164.01	-3692.08	3.144e+04
		1.110e+04	5016.28	-3.95e-03		24.2	362.56	250.11	-47.32	2548.15	-4832.55	1.312e+04
173	53	4.274e+04	-5007.95	0.06	-1.51	48.5	362.56	2224.34	-47.32	2959.36	-5973.01	4.326e+04
		1.298e+04	-8587.79	4.90e-03		0.0	706.29	-1718.29	86.79	1016.12	-4675.35	3.402e+04
173	71	5.125e+04	-1233.93	-0.06	-1.81	24.2	706.29	330.62	86.79	1012.36	-2612.59	1.557e+04
		1.602e+04	-6341.26	-2.16e-03		48.5	706.29	2489.45	86.79	1018.61	-549.82	4.953e+04
173	75	5.086e+04	-1750.78	-0.06	-1.81	0.0	717.94	-1719.88	87.85	1021.89	-4984.04	3.394e+04
		1.611e+04	-6759.84	-1.80e-03		24.2	717.94	327.97	87.85	1032.99	-2957.51	1.564e+04
173	78	3.853e+04	6768.17	0.06	-1.46	48.5	717.94	2478.68	87.85	1054.23	-930.98	4.924e+04
		7915.12	4494.48	2.75e-03		0.0	127.56	-2217.66	-31.45	2147.27	4992.38	3.250e+04
173	79	4.329e+04	1586.69	8.18e-03	-1.58	24.2	127.56	157.85	-31.45	2334.24	4333.53	9082.73
						48.5	127.56	2354.08	-31.45	2547.09	3674.68	4.015e+04
						0.0	504.37	-1824.69	130.61	798.87	5016.28	3.563e+04
						24.2	504.37	233.15	130.61	511.30	8173.88	1.134e+04
						48.5	504.37	2676.79	130.61	229.45	1.133e+04	4.664e+04
						0.0	341.13	-2112.85	-74.21	2370.28	-5007.95	3.081e+04
						24.2	341.13	252.67	-74.21	2855.93	-6797.87	1.338e+04
						48.5	341.13	2155.97	-74.21	3371.86	-8587.79	4.274e+04
						0.0	807.23	-1629.11	107.65	813.74	-6341.26	3.430e+04
						24.2	807.23	361.84	107.65	773.40	-3787.60	1.671e+04
						48.5	807.23	2515.46	107.65	740.19	-1233.93	5.125e+04
						0.0	823.02	-1631.28	109.09	821.57	-6759.84	3.419e+04
						24.2	823.02	358.25	109.09	801.36	-4255.31	1.681e+04
						48.5	823.02	2500.86	109.09	788.50	-1750.78	5.086e+04
						0.0	22.47	-2306.26	-52.69	2347.59	6768.17	3.225e+04
						24.2	22.47	127.57	-52.69	2565.87	5631.33	7915.12
						48.5	22.47	2331.90	-52.69	2812.82	4494.48	3.853e+04
						0.0	400.40	-1912.71	30.03	1568.51	130.33	3.220e+04

		1.162e+04	130.33	3.04e-04		24.2	400.40	234.68	30.03	1668.18	858.51	1.192e+04
						48.5	400.40	2344.91	30.03	1785.69	1586.69	4.329e+04
173	81	4.798e+04	870.56	8.96e-03	-1.73	0.0	474.90	-2099.57	23.93	1622.07	-290.21	3.559e+04
		1.304e+04	-290.21	8.75e-04		24.2	474.90	262.12	23.93	1719.63	290.17	1.339e+04
						48.5	474.90	2583.14	23.93	1835.59	870.56	4.798e+04
173	82	4.843e+04	878.26	9.08e-03	-1.75	0.0	477.49	-2119.93	23.95	1626.27	-283.28	3.593e+04
		1.316e+04	-283.28	8.85e-04		24.2	477.49	264.43	23.95	1730.51	297.49	1.351e+04
						48.5	477.49	2607.57	23.95	1853.25	878.26	4.843e+04
173	83	4.418e+04	1602.09	8.42e-03	-1.62	0.0	405.59	-1953.42	30.06	1576.91	144.21	3.288e+04
		1.185e+04	144.21	3.24e-04		24.2	405.59	239.29	30.06	1689.93	873.15	1.217e+04
						48.5	405.59	2393.76	30.06	1821.01	1602.09	4.418e+04
173	86	4.329e+04	1586.69	8.18e-03	-1.58	0.0	400.40	-1912.71	30.03	1568.51	130.33	3.220e+04
		1.162e+04	130.33	3.04e-04		24.2	400.40	234.68	30.03	1668.18	858.51	1.192e+04
						48.5	400.40	2344.91	30.03	1785.69	1586.69	4.329e+04
173	87	4.563e+04	1228.62	8.57e-03	-1.66	0.0	437.65	-2006.14	26.98	1595.29	-79.94	3.390e+04
		1.233e+04	-79.94	5.90e-04		24.2	437.65	248.40	26.98	1693.91	574.34	1.266e+04
						48.5	437.65	2464.03	26.98	1810.64	1228.62	4.563e+04
173	88	4.346e+04	1589.77	8.23e-03	-1.59	0.0	401.44	-1920.85	30.03	1570.19	133.11	3.234e+04
		1.166e+04	133.11	3.08e-04		24.2	401.44	235.60	30.03	1672.53	861.44	1.197e+04
						48.5	401.44	2354.68	30.03	1792.75	1589.77	4.346e+04
173	91	4.329e+04	1586.69	8.18e-03	-1.58	0.0	400.40	-1912.71	30.03	1568.51	130.33	3.220e+04
		1.162e+04	130.33	3.04e-04		24.2	400.40	234.68	30.03	1668.18	858.51	1.192e+04
						48.5	400.40	2344.91	30.03	1785.69	1586.69	4.329e+04
173	92	4.469e+04	1371.85	8.41e-03	-1.63	0.0	422.75	-1968.77	28.20	1584.58	4.17	3.322e+04
		1.204e+04	4.17	4.76e-04		24.2	422.75	242.91	28.20	1683.62	688.01	1.236e+04
						48.5	422.75	2416.38	28.20	1800.66	1371.85	4.469e+04
174	4	6.462e+04	1476.28	-0.02	-2.38	0.0	-109.08	-4016.51	27.53	827.76	141.04	6.462e+04
		4225.27	141.04	1.42e-03		24.2	-109.08	-785.25	27.53	1014.78	808.66	6578.63
						48.5	-109.08	2350.51	27.53	1213.27	1476.28	2.576e+04
174	5	4.265e+04	2229.98	-0.01	-1.60	0.0	-122.85	-2674.00	24.13	605.65	1059.53	4.265e+04
		2535.51	1059.53	4.67e-04		24.2	-122.85	-518.03	24.13	744.61	1644.75	4069.75
						48.5	-122.85	1574.60	24.13	891.98	2229.98	1.701e+04
174	7	4.969e+04	1014.57	-0.01	-1.83	0.0	-74.37	-3085.97	20.86	646.53	3.07	4.969e+04
		3284.07	3.07	1.15e-03		24.2	-74.37	-603.66	20.86	783.67	508.82	5094.44
						48.5	-74.37	1805.41	20.86	929.67	1014.57	1.982e+04
174	9	5.825e+04	2700.38	-0.02	-2.18	0.0	-162.87	-3646.95	30.79	773.82	1206.92	5.825e+04
		3507.62	1206.92	7.60e-04		24.2	-162.87	-708.02	30.79	973.49	1953.65	5610.63
						48.5	-162.87	2144.04	30.79	1184.17	2700.38	2.320e+04
174	20	4.613e+04	1.033e+04	-0.05	-1.80	0.0	4.09	-2615.26	64.97	577.10	7177.98	4.613e+04
		1292.22	7177.98	-1.76e-03		24.2	4.09	-531.03	64.97	393.90	8753.38	2965.38
						48.5	4.09	1769.03	64.97	215.00	1.033e+04	1.619e+04
174	21	4.325e+04	-5646.11	0.05	-1.56	0.0	-223.91	-2972.25	-18.49	661.51	-5646.11	4.325e+04
		4208.33	-6542.79	3.07e-03		24.2	-223.91	-554.72	-18.49	1119.60	-6094.45	5763.63
						48.5	-223.91	1514.57	-18.49	1590.49	-6542.79	1.946e+04
174	39	4.953e+04	1721.10	-0.04	-1.77	0.0	237.12	-2576.54	69.77	440.43	-1611.69	4.953e+04
		1.032e+04	-1611.69	-6.78e-04		24.2	237.12	-443.75	69.77	470.88	54.70	1.141e+04
						48.5	237.12	1738.18	69.77	501.49	1721.10	2.660e+04
174	43	4.924e+04	1448.16	-0.04	-1.76	0.0	252.90	-2580.74	73.23	390.21	-2026.73	4.924e+04
		1.063e+04	-2026.73	-4.75e-04		24.2	252.90	-440.82	73.23	439.25	-289.29	1.170e+04
						48.5	252.90	1728.41	73.23	486.22	1448.16	2.666e+04
174	46	4.015e+04	3558.60	0.04	-1.57	0.0	-472.72	-3006.76	-26.75	848.41	3558.60	4.015e+04
		-5128.83	2337.83	1.78e-03		24.2	-472.72	-644.94	-26.75	1074.25	2948.21	-2966.11
						48.5	-472.72	1555.19	-26.75	1319.26	2337.83	8991.98
174	52	4.664e+04	1.333e+04	-0.06	-1.85	0.0	44.68	-2551.72	79.83	562.08	9460.66	4.664e+04
		773.14	9460.66	-2.62e-03		24.2	44.68	-526.82	79.83	264.72	1.140e+04	2467.29
						48.5	44.68	1814.32	79.83	-29.84	1.333e+04	1.561e+04
174	53	4.274e+04	-7928.79	0.06	-1.53	0.0	-264.50	-3035.79	-33.35	676.54	-7928.79	4.274e+04
		4727.41	-9545.94	3.93e-03		24.2	-264.50	-558.94	-33.35	1248.77	-8737.37	6261.71
						48.5	-264.50	1469.28	-33.35	1835.33	-9545.94	2.004e+04
174	71	5.125e+04	1659.90	-0.04	-1.80	0.0	360.66	-2499.22	86.33	376.76	-2458.12	5.125e+04
		1.302e+04	-2458.12	-1.15e-03		24.2	360.66	-408.46	86.33	369.12	-399.11	1.392e+04
						48.5	360.66	1772.49	86.33	358.65	1659.90	2.973e+04
174	75	5.086e+04	1289.80	-0.04	-1.80	0.0	382.06	-2504.91	91.03	308.65	-3020.92	5.086e+04
		1.343e+04	-3020.92	-8.78e-04		24.2	382.06	-404.48	91.03	326.22	-865.56	1.430e+04
						48.5	382.06	1759.24	91.03	337.94	1289.80	2.981e+04
174	78	3.853e+04	4552.79	0.04	-1.54	0.0	-601.87	-3082.59	-44.55	929.97	4552.79	3.853e+04
		-7933.78	2496.18	2.19e-03		24.2	-601.87	-681.27	-44.55	1187.28	3524.49	-5575.80
						48.5	-601.87	1524.36	-44.55	1467.54	2496.18	5846.91
174	79	4.329e+04	2136.07	-0.01	-1.62	0.0	-119.61	-2711.36	23.89	611.13	977.23	4.329e+04
		2600.56	977.23	5.19e-04		24.2	-119.61	-525.75	23.89	748.93	1556.65	4159.56
						48.5	-119.61	1595.64	23.89	895.20	2136.07	1.727e+04
174	81	4.798e+04	1325.80	-0.01	-1.77	0.0	-87.28	-2986.01	21.71	638.38	272.92	4.798e+04
		3099.60	272.92	9.72e-04		24.2	-87.28	-582.84	21.71	774.98	799.36	4842.69
						48.5	-87.28	1749.51	21.71	920.33	1325.80	1.914e+04
174	82	4.843e+04	1331.60	-0.01	-1.79	0.0	-90.83	-3014.28	21.70	629.67	279.19	4.843e+04
		3120.22	279.19	9.83e-04		24.2	-90.83	-588.45	21.70	773.49	805.40	4880.49
						48.5	-90.83	1765.74	21.70	926.06	1331.60	1.930e+04

174	83	4.418e+04 2641.79	2147.66 989.78	-0.01 5.41e-04	-1.65	0.0 24.2 48.5	-126.69 -126.69 -126.69	-2767.90 -536.97 1628.09	23.87 23.87 23.87	593.71 745.97 906.66	989.78 1568.72 2147.66	4.418e+04 4235.16 1.760e+04
174	86	4.329e+04 2600.56	2136.07 977.23	-0.01 5.19e-04	-1.62	0.0 24.2 48.5	-119.61 -119.61 -119.61	-2711.36 -525.75 1595.64	23.89 23.89 23.89	611.13 748.93 895.20	977.23 1556.65 2136.07	4.329e+04 4159.56 1.727e+04
174	87	4.563e+04 2850.08	1730.94 625.07	-0.01 7.45e-04	-1.70	0.0 24.2 48.5	-103.45 -103.45 -103.45	-2848.68 -554.30 1672.57	22.80 22.80 22.80	624.76 761.95 907.77	625.07 1178.01 1730.94	4.563e+04 4501.13 1.820e+04
174	88	4.346e+04 2608.81	2138.39 979.74	-0.01 5.23e-04	-1.63	0.0 24.2 48.5	-121.02 -121.02 -121.02	-2722.67 -527.99 1602.13	23.89 23.89 23.89	607.65 748.34 897.50	979.74 1559.06 2138.39	4.346e+04 4174.68 1.733e+04
174	91	4.329e+04 2600.56	2136.07 977.23	-0.01 5.19e-04	-1.62	0.0 24.2 48.5	-119.61 -119.61 -119.61	-2711.36 -525.75 1595.64	23.89 23.89 23.89	611.13 748.93 895.20	977.23 1556.65 2136.07	4.329e+04 4159.56 1.727e+04
174	92	4.469e+04 2750.28	1892.99 765.93	-0.01 6.55e-04	-1.67	0.0 24.2 48.5	-109.91 -109.91 -109.91	-2793.75 -542.88 1641.80	23.24 23.24 23.24	619.31 756.75 902.74	765.93 1329.46 1892.99	4.469e+04 4364.50 1.783e+04
175	4	2.576e+04 -8.883e+04	3009.13 1107.23	-0.02 2.14e-03	-2.29	0.0 30.5 61.0	-2563.90 -2563.90 -2563.90	-5401.61 -1526.17 2234.17	31.18 31.18 31.18	-209.93 51.44 313.74	1107.23 2058.18 3009.13	2.576e+04 4.530e+04 -6.853e+04
175	5	1.701e+04 -5.901e+04	3281.54 1978.79	-0.01 1.12e-03	-1.54	0.0 30.5 61.0	-1752.53 -1752.53 -1752.53	-3594.87 -1007.43 1504.09	21.36 21.36 21.36	-158.00 35.97 230.60	1978.79 2630.17 3281.54	1.701e+04 -5.291e+04 4.523e+04
175	7	1.982e+04 -6.824e+04	2202.71 724.30	-0.01 1.68e-03	-1.76	0.0 30.5 61.0	-1959.62 -1959.62 -1959.62	-4150.71 -1173.21 1716.04	24.24 24.24 24.24	-140.85 51.79 245.38	724.30 1463.50 2202.71	1.982e+04 -6.107e+04 -5.266e+04
175	9	2.320e+04 -8.054e+04	4102.19 2374.78	-0.02 1.60e-03	-2.10	0.0 30.5 61.0	-2388.98 -2388.98 -2388.98	-4901.93 -1376.47 2044.65	28.32 28.32 28.32	-255.17 21.20 297.96	2374.78 3238.48 4102.19	2.320e+04 7.218e+04 -6.184e+04
175	16	1.660e+04 -5.776e+04	1.141e+04 9410.98	-0.05 2.69e-04	-1.75	0.0 30.5 61.0	-1507.57 -1507.57 -1507.57	-3512.01 -1038.45 1699.81	32.76 32.76 32.76	-466.22 78.45 -139.38	9410.98 1.041e+04 1.141e+04	1.660e+04 -5.193e+04 4.459e+04
175	21	1.946e+04 -6.547e+04	-5414.71 -6375.02	0.05 2.34e-03	-1.49	0.0 30.5 61.0	-2109.48 -2109.48 -2109.48	-3996.20 -1066.59 1439.68	15.89 15.89 15.89	188.78 31.82 638.47	-6375.02 -5894.87 -5414.71	1.946e+04 -5.841e+04 -4.991e+04
175	22	1.436e+04 -6.691e+04	-4802.30 -4949.68	0.05 3.12e-03	-1.48	0.0 30.5 61.0	-2209.84 -2209.84 -2209.84	-4078.69 -1156.33 1358.74	-3.92 -3.92 -3.92	286.31 134.73 753.76	-4802.30 -4875.99 -4949.68	1.436e+04 -6.085e+04 -5.014e+04
175	27	2.149e+04 -5.665e+04	1.086e+04 6929.10	-0.05 -2.68e-04	-1.74	0.0 30.5 61.0	-1379.22 -1379.22 -1379.22	-3492.49 -980.60 1773.87	67.70 67.70 67.70	-391.15 -248.95 -410.13	6929.10 8894.25 1.086e+04	2.149e+04 -4.959e+04 -4.496e+04
175	30	1.416e+04 -6.676e+04	-3667.88 -4895.04	0.05 2.48e-03	-1.49	0.0 30.5 61.0	-2248.98 -2248.98 -2248.98	-4020.70 -1130.70 1357.77	-23.39 -23.39 -23.39	87.57 330.06 -4895.04	-3667.88 -4281.46 -4895.04	1.416e+04 -6.099e+04 -4.982e+04
175	43	2.666e+04 -5.825e+04	4640.05 834.85	-0.02 -2.79e-04	-1.67	0.0 30.5 61.0	-1531.42 -1531.42 -1531.42	-3552.24 -897.03 1750.99	65.88 65.88 65.88	-371.52 -202.38 -134.35	834.85 2737.45 4640.05	2.666e+04 -4.987e+04 -4.631e+04
175	48	1.617e+04 -5.636e+04	1.441e+04 1.218e+04	-0.06 -5.03e-04	-1.80	0.0 30.5 61.0	-1398.44 -1398.44 -1398.44	-3424.94 -1032.32 1747.50	36.53 36.53 36.53	-578.16 91.94 -272.17	1.218e+04 1.330e+04 1.441e+04	1.617e+04 -5.073e+04 -4.400e+04
175	53	2.004e+04 -6.682e+04	-8404.01 -9225.03	0.06 2.72e-03	-1.46	0.0 30.5 61.0	-2214.63 -2214.63 -2214.63	-4081.50 -1070.49 1394.77	13.67 13.67 13.67	310.02 28.71 782.59	-9225.03 -8814.52 -8404.01	2.004e+04 -5.952e+04 -5.081e+04
175	54	1.313e+04 -6.876e+04	-7092.41 -7773.43	0.07 3.77e-03	-1.44	0.0 30.5 61.0	-2350.72 -2350.72 -2350.72	-4193.36 -1192.18 1285.02	-13.21 -13.21 -13.21	442.28 168.26 938.93	-7092.41 -7432.92 -7773.43	1.313e+04 -6.283e+04 -5.112e+04
175	59	2.279e+04 -5.498e+04	1.366e+04 8815.36	-0.06 -5.89e-04	-1.79	0.0 30.5 61.0	-1224.40 -1224.40 -1224.40	-3398.47 -953.89 1847.93	83.92 83.92 83.92	-476.36 -352.02 -639.31	8815.36 1.124e+04 1.366e+04	2.279e+04 4.756e+04 -4.410e+04
175	62	1.286e+04 -6.857e+04	-5554.15 -7699.34	0.06 2.90e-03	-1.46	0.0 30.5 61.0	-2403.80 -2403.80 -2403.80	-4114.72 -1157.42 1283.71	-39.60 -39.60 -39.60	172.78 433.12 1106.58	-5554.15 -6626.74 -7699.34	1.286e+04 -6.302e+04 -5.068e+04
175	75	2.981e+04 -5.716e+04	5230.25 551.57	-0.03 -8.11e-04	-1.69	0.0 30.5 61.0	-1430.78 -1430.78 -1430.78	-3479.49 -840.56 1816.92	81.45 81.45 81.45	-449.74 -288.87 -265.36	551.57 2890.91 5230.25	2.981e+04 -4.794e+04 -4.592e+04
175	79	1.727e+04 -5.985e+04	3197.94 1881.51	-0.01 1.16e-03	-1.56	0.0 30.5 61.0	-1772.68 -1772.68 -1772.68	-3645.42 -1022.50 1523.43	21.58 21.58 21.58	-155.22 37.39 230.68	1881.51 2539.72 3197.94	1.727e+04 -5.366e+04 -4.590e+04
175	81	1.914e+04 -6.601e+04	2478.72 1045.18	-0.01 1.54e-03	-1.71	0.0 30.5 61.0	-1910.74 -1910.74 -1910.74	-4015.99 -1133.02 1664.73	23.50 23.50 23.50	-143.78 47.94 240.53	1045.18 1761.95 2478.72	1.914e+04 -5.909e+04 -5.086e+04
175	82	1.930e+04 -6.664e+04	2488.21 1053.88	-0.01 1.55e-03	-1.72	0.0 30.5 61.0	-1932.19 -1932.19 -1932.19	-4053.43 -1143.74 1679.68	23.51 23.51 23.51	-162.51 38.33 239.86	1053.88 1771.04 2488.21	1.930e+04 -5.966e+04 -5.136e+04
175	83	1.760e+04 -6.111e+04	3216.92 1898.91	-0.01 1.20e-03	-1.59	0.0 30.5	-1815.57 -1815.57	-3720.31 -1043.94	21.61 21.61	-192.67 18.17	1898.91 2557.91	1.760e+04 -5.478e+04

175	86	1.727e+04	3197.94	-0.01	-1.56	61.0	-1815.57	1553.33	21.61	229.34	3216.92	-4.690e+04
		-5.985e+04	1881.51	1.16e-03		0.0	-1772.68	-3645.42	21.58	-155.22	1881.51	1.727e+04
175	87	1.820e+04	2838.33	-0.01	-1.64	30.5	-1772.68	-1022.50	21.58	37.39	2539.72	-5.366e+04
		-6.293e+04	1463.34	1.35e-03		61.0	-1772.68	1523.43	21.58	230.68	3197.94	-4.590e+04
175	88	1.733e+04	3201.74	-0.01	-1.57	0.0	-1841.71	-3830.71	22.54	-149.50	1463.34	1.820e+04
		-6.010e+04	1884.99	1.17e-03		30.5	-1841.71	-1077.76	22.54	42.66	2150.84	-5.637e+04
175	91	1.727e+04	3197.94	-0.01	-1.56	61.0	-1841.71	1594.08	22.54	235.60	2838.33	-4.838e+04
		-5.985e+04	1881.51	1.16e-03		0.0	-1781.26	-3660.40	21.59	-162.71	1884.99	1.733e+04
175	92	1.783e+04	2982.18	-0.01	-1.61	30.5	-1781.26	-1026.79	21.59	33.55	2543.36	-5.388e+04
		-6.170e+04	1630.61	1.28e-03		61.0	-1781.26	1529.41	21.59	230.41	3201.74	-4.610e+04
176	4	2.268e+04	4298.97	0.01	-2.26	0.0	-1772.68	-3645.42	21.58	-155.22	1881.51	1.727e+04
		-8.944e+04	2900.55	2.93e-03		30.5	-1772.68	-1022.50	21.58	37.39	2539.72	-5.366e+04
176	5	1.512e+04	3875.18	8.31e-03	-1.52	61.0	-1772.68	1523.43	21.58	230.68	3197.94	-4.590e+04
		-5.938e+04	3230.25	1.99e-03		0.0	-1814.10	-3756.59	22.16	-151.79	1630.61	1.783e+04
176	7	1.744e+04	3230.61	9.57e-03	-1.73	30.5	-1814.10	-1055.65	22.16	40.55	2306.39	-5.529e+04
		-6.872e+04	2110.32	2.26e-03		61.0	-1814.10	1565.82	22.16	233.63	2982.18	1.783e+04
176	9	2.057e+04	4964.19	0.01	-2.07	0.0	-2629.92	-2264.88	22.92	-739.23	2900.55	-6.853e+04
		-8.104e+04	4040.74	2.69e-03		30.5	-2629.92	1481.29	22.92	-480.61	3599.76	-8.056e+04
176	20	1.457e+04	1.136e+04	-0.05	-1.72	61.0	-2629.92	5309.05	22.92	-230.76	4298.97	2.268e+04
		-5.876e+04	1.043e+04	2.94e-03		0.0	-1794.75	-1522.68	10.57	-551.07	3230.25	-4.523e+04
176	21	1.701e+04	-3038.76	0.05	-1.48	30.5	-1794.75	979.92	10.57	-359.22	3552.71	-5.356e+04
		-6.544e+04	-5520.42	1.19e-03		61.0	-1794.75	3537.10	10.57	-173.92	3875.18	1.512e+04
176	22	1.207e+04	-3901.50	0.05	-1.44	0.0	-2010.12	-1739.99	18.37	-546.73	2110.32	-5.266e+04
		-6.754e+04	-4927.66	1.52e-03		30.5	-2010.12	1138.53	18.37	-355.75	2670.46	-6.190e+04
176	27	2.076e+04	1.206e+04	-0.05	-1.73	61.0	-2010.12	4079.91	18.37	-171.26	3230.61	1.744e+04
		-5.759e+04	1.035e+04	3.21e-03		0.0	-2447.66	-2069.85	15.14	-771.80	4040.74	-6.184e+04
176	43	2.478e+04	7515.03	-0.02	-1.68	30.5	-2447.66	1338.40	15.14	-499.16	4502.47	-7.307e+04
		-5.771e+04	4248.36	1.91e-03		61.0	-2447.66	4820.48	15.14	-235.62	4964.19	2.057e+04
176	52	1.413e+04	1.436e+04	-0.06	-1.77	0.0	-1449.32	-1477.41	-14.76	-965.01	1.136e+04	-4.487e+04
		-5.757e+04	1.283e+04	3.25e-03		30.5	-1449.32	1047.32	-14.76	-350.38	1.090e+04	-5.335e+04
176	53	1.745e+04	-5436.46	0.06	-1.44	61.0	-1449.32	3963.56	-14.76	-502.62	1.043e+04	1.457e+04
		-6.663e+04	-8525.10	8.78e-04		0.0	-2268.31	-1694.71	40.22	-134.47	-5520.42	-4.991e+04
176	54	1.074e+04	-6606.33	0.06	-1.40	30.5	-2268.31	1004.70	40.22	-368.42	-4279.59	-5.863e+04
		-6.948e+04	-7721.32	1.32e-03		61.0	-2268.31	3426.68	40.22	151.39	-3038.76	1.701e+04
176	59	2.253e+04	1.504e+04	-0.06	-1.78	0.0	-2116.47	-1800.54	18.63	-36.88	-4927.66	-5.014e+04
		-5.599e+04	1.299e+04	3.62e-03		30.5	-2116.47	923.93	18.63	-261.64	-4414.58	-6.171e+04
176	75	2.798e+04	8874.49	-0.03	-1.71	61.0	-2116.47	3385.46	18.63	274.29	-3901.50	1.207e+04
		-5.631e+04	4721.36	1.85e-03		0.0	-1632.74	-1412.05	11.30	-844.96	1.035e+04	-4.496e+04
176	79	1.532e+04	3825.25	8.43e-03	-1.54	30.5	-1632.74	1143.07	11.30	-602.59	1.120e+04	-5.141e+04
		-6.023e+04	3143.68	2.01e-03		61.0	-1632.74	3992.56	11.30	-772.87	1.206e+04	2.076e+04
176	81	1.688e+04	3395.53	9.27e-03	-1.68	0.0	-2021.28	-1373.33	45.04	-786.32	4248.36	-4.631e+04
		-6.646e+04	2397.06	2.19e-03		30.5	-2021.28	1183.63	45.04	-594.31	5881.70	-4.993e+04
176	82	1.702e+04	3409.30	9.32e-03	-1.70	61.0	-2021.28	3846.86	45.04	-541.18	7515.03	2.478e+04
		-6.709e+04	2410.57	2.21e-03		0.0	-1303.53	-1438.73	-24.54	-1112.85	1.436e+04	-4.397e+04
176	83	1.562e+04	3852.78	8.53e-03	-1.57	30.5	-1303.53	1054.91	-24.54	-347.17	1.360e+04	-5.242e+04
		-6.149e+04	3170.70	2.05e-03		61.0	-1303.53	4059.13	-24.54	-619.04	1.283e+04	1.413e+04
176	86	1.532e+04	3825.25	8.43e-03	-1.54	0.0	-2414.09	-1733.38	50.01	13.37	-8525.10	-5.081e+04
		-6.023e+04	3143.68	2.01e-03		30.5	-2414.09	997.11	50.01	-371.64	-6980.78	-5.956e+04
176	87	1.610e+04	3610.39	8.85e-03	-1.61	61.0	-2414.09	3331.11	50.01	267.81	-5436.46	1.745e+04
		-6.334e+04	2770.37	2.10e-03		0.0	-2208.20	-1876.90	20.74	145.70	-7721.32	-5.112e+04
176	88	1.538e+04	3830.76	8.45e-03	-1.55	30.5	-2208.20	887.59	20.74	-226.84	-7163.83	-6.375e+04
						61.0	-2208.20	3275.23	20.74	434.45	-6606.33	1.074e+04

		-6.048e+04	3149.08	2.02e-03		30.5	-1824.57	998.48	11.17	-364.12	3489.92	-5.455e+04
176	91	1.532e+04	3825.25	8.43e-03	-1.54	61.0	-1824.57	3601.02	11.17	-176.73	3830.76	1.538e+04
		-6.023e+04	3143.68	2.01e-03		0.0	-1815.74	-1542.60	11.17	-550.61	3143.68	-4.590e+04
						30.5	-1815.74	994.29	11.17	-360.09	3484.46	-5.432e+04
176	92	1.579e+04	3696.33	8.68e-03	-1.58	61.0	-1815.74	3586.56	11.17	-176.15	3825.25	1.532e+04
		-6.210e+04	2919.69	2.06e-03		0.0	-1858.81	-1586.06	12.73	-549.74	2919.69	-4.739e+04
						30.5	-1858.81	1026.01	12.73	-359.40	3308.01	-5.599e+04
177	4	6.180e+04	4571.45	0.02	-2.34	61.0	-1858.81	3695.12	12.73	-175.62	3696.33	1.579e+04
		1276.39	4214.84	3.16e-03		0.0	-238.31	-2334.34	-7.32	-1819.20	4571.45	2.268e+04
						24.4	-238.31	789.24	-7.32	-1633.61	4393.14	3680.79
177	5	4.088e+04	4101.67	0.01	-1.58	48.8	-238.31	3992.30	-7.32	-1466.88	4214.84	6.180e+04
		680.81	3475.24	2.34e-03		0.0	-206.33	-1567.03	-12.85	-1323.78	4101.67	1.512e+04
						24.4	-206.33	519.50	-12.85	-1186.02	3788.45	2239.97
177	7	4.754e+04	3429.02	0.01	-1.80	48.8	-206.33	2659.15	-12.85	-1061.94	3475.24	4.088e+04
		1010.04	3200.00	2.42e-03		0.0	-172.74	-1793.24	-4.70	-1374.45	3429.02	1.744e+04
						24.4	-172.74	607.13	-4.70	-1237.60	3314.51	2861.50
177	9	5.575e+04	5274.18	0.01	-2.14	48.8	-172.74	3068.63	-4.70	-1115.04	3200.00	4.754e+04
		955.03	4510.33	3.10e-03		0.0	-279.60	-2131.41	-15.67	-1804.06	5274.18	2.057e+04
						24.4	-279.60	709.59	-15.67	-1607.59	4892.25	3091.71
177	27	4.691e+04	1.237e+04	-0.05	-1.81	48.8	-279.60	3622.66	-15.67	-1429.67	4510.33	5.575e+04
		4030.93	1.084e+04	4.82e-03		0.0	-159.99	-1476.32	-32.76	-1863.14	1.237e+04	2.076e+04
						24.4	-159.99	591.39	-32.76	-1454.77	1.160e+04	5453.26
177	30	3.871e+04	-4036.77	0.05	-1.50	48.8	-159.99	3024.29	-32.76	-1300.82	1.084e+04	4.691e+04
		-2490.45	-4536.75	-1.07e-04		0.0	-235.73	-1789.72	11.57	-815.19	-4536.75	1.082e+04
						24.4	-235.73	498.56	11.57	-950.63	-4286.76	-624.83
177	40	4.035e+04	4937.63	-0.02	-1.60	48.8	-235.73	2532.64	11.57	-859.42	-4036.77	3.871e+04
		-6515.52	1903.70	3.37e-03		0.0	195.00	-1609.41	-64.10	-1409.68	4937.63	7925.00
						24.4	195.00	458.17	-64.10	-1158.89	3420.67	-4371.37
177	41	4.527e+04	4894.94	0.03	-1.69	48.8	195.00	2636.34	-64.10	-916.00	1903.70	4.035e+04
		8056.00	2893.92	1.34e-03		0.0	-590.73	-1656.64	42.91	-1268.65	2893.92	2.366e+04
						24.4	-590.73	631.78	42.91	-1246.51	3894.43	9199.79
177	43	4.704e+04	8436.81	-0.03	-1.77	48.8	-590.73	2920.59	42.91	-1244.23	4894.94	4.527e+04
		8537.63	7593.41	2.72e-03		0.0	-493.84	-1565.62	18.52	-1322.76	7593.41	2.478e+04
						24.4	-493.84	646.98	18.52	-1427.37	8015.11	9643.73
177	46	3.858e+04	238.14	0.02	-1.51	48.8	-493.84	3042.81	18.52	-1315.56	8436.81	4.704e+04
		-6997.15	-1638.16	2.00e-03		0.0	98.11	-1700.42	-39.71	-1045.57	238.14	6800.25
						24.4	98.11	442.98	-39.71	-978.03	-700.01	-4815.30
177	59	4.837e+04	1.538e+04	-0.07	-1.86	48.8	98.11	2514.12	-39.71	-844.67	-1638.16	3.858e+04
		5191.73	1.348e+04	5.70e-03		0.0	-146.51	-1420.54	-40.65	-2049.67	1.538e+04	2.253e+04
						24.4	-146.51	607.92	-40.65	-1544.51	1.443e+04	6535.15
177	62	3.726e+04	-6684.02	0.06	-1.46	48.8	-146.51	3111.80	-40.65	-1379.39	1.348e+04	4.837e+04
		-3651.25	-7545.86	-9.84e-04		0.0	-249.21	-1845.51	19.46	-628.65	-7545.86	9049.10
						24.4	-249.21	482.04	19.46	-860.89	-7114.94	-1706.73
177	72	3.948e+04	5301.41	-0.02	-1.58	48.8	-249.21	2445.13	19.46	-780.85	-6684.02	3.726e+04
		-9109.25	1371.27	3.74e-03		0.0	334.87	-1601.00	-83.15	-1434.79	5301.41	5124.99
						24.4	334.87	427.27	-83.15	-1143.29	3336.34	-6787.02
177	73	4.615e+04	5427.38	0.04	-1.70	48.8	334.87	2585.75	-83.15	-857.58	1371.27	3.948e+04
		1.065e+04	2530.14	9.79e-04		0.0	-730.59	-1665.04	61.96	-1243.54	2530.14	2.646e+04
						24.4	-730.59	662.68	61.96	-1262.11	3978.76	1.162e+04
177	75	4.855e+04	1.023e+04	-0.03	-1.82	48.8	-730.59	2971.18	61.96	-1302.66	5427.38	4.615e+04
		1.130e+04	8902.65	2.84e-03		0.0	-599.20	-1541.62	28.89	-1737.28	8902.65	2.798e+04
						24.4	-599.20	683.29	28.89	-1507.35	9566.40	1.222e+04
177	78	3.707e+04	-1071.10	0.02	-1.47	48.8	-599.20	3136.92	28.89	-1399.38	1.023e+04	4.855e+04
		-9762.34	-3431.50	1.87e-03		0.0	203.48	-1724.42	-50.08	-941.05	-1071.10	3599.84
						24.4	203.48	406.67	-50.08	-898.05	-2251.30	-7389.00
177	79	4.148e+04	4050.31	0.01	-1.60	48.8	203.48	2420.01	-50.08	-760.85	-3431.50	3.707e+04
		704.39	3454.37	2.34e-03		0.0	-204.58	-1587.78	-12.22	-1329.03	4050.31	1.532e+04
						24.4	-204.58	527.45	-12.22	-1192.38	3752.34	2289.91
177	81	4.592e+04	3601.87	0.01	-1.75	48.8	-204.58	2696.57	-12.22	-1069.50	3454.37	4.148e+04
		923.88	3270.88	2.40e-03		0.0	-182.18	-1738.58	-6.79	-1362.81	3601.87	1.688e+04
						24.4	-182.18	585.87	-6.79	-1226.77	3436.38	2704.26
177	82	4.633e+04	3621.92	0.01	-1.76	48.8	-182.18	2969.56	-6.79	-1104.89	3270.88	4.592e+04
		929.12	3284.38	2.41e-03		0.0	-187.31	-1754.10	-6.92	-1386.50	3621.92	1.702e+04
						24.4	-187.31	591.19	-6.92	-1243.81	3453.15	2725.89
177	83	4.230e+04	4090.40	0.01	-1.63	48.8	-187.31	2996.13	-6.92	-1115.48	3284.38	4.633e+04
		714.88	3481.38	2.38e-03		0.0	-214.84	-1618.82	-12.49	-1376.41	4090.40	1.562e+04
						24.4	-214.84	538.09	-12.49	-1226.47	3785.89	2333.17
177	86	4.148e+04	4050.31	0.01	-1.60	48.8	-214.84	2749.70	-12.49	-1090.68	3481.38	4.230e+04
		704.39	3454.37	2.34e-03		0.0	-204.58	-1587.78	-12.22	-1329.03	4050.31	1.532e+04
						24.4	-204.58	527.45	-12.22	-1192.38	3752.34	2289.91
177	87	4.370e+04	3826.09	0.01	-1.67	48.8	-204.58	2696.57	-12.22	-1069.50	3454.37	4.148e+04
		814.14	3362.63	2.37e-03		0.0	-193.38	-1663.18	-9.51	-1345.92	3826.09	1.610e+04
						24.4	-193.38	556.66	-9.51	-1209.58	3594.36	2497.08
177	88	4.164e+04	4058.32	0.01	-1.60	48.8	-193.38	2833.06	-9.51	-1087.20	3362.63	4.370e+04
		706.49	3459.77	2.35e-03		0.0	-206.63	-1593.99	-12.28	-1338.50	4058.32	1.538e+04
						24.4	-206.63	529.58	-12.28	-1199.20	3759.05	2298.56
						48.8	-206.63	2707.20	-12.28	-1073.73	3459.77	4.164e+04

177	91	4.148e+04 704.39	4050.31 3454.37	0.01 2.34e-03	-1.60	0.0 24.4 48.8	-204.58 -204.58 -204.58	-1587.78 527.45 2696.57	-12.22 -12.22 -12.22	-1329.03 -1192.38 -1069.50	4050.31 3752.34 3454.37	1.532e+04 2289.91 4.148e+04
177	92	4.281e+04 770.24	3915.77 3399.32	0.01 2.36e-03	-1.64	0.0 24.4 48.8	-197.86 -197.86 -197.86	-1633.02 544.98 2778.47	-10.59 -10.59 -10.59	-1339.16 -1202.70 -1080.12	3915.77 3657.55 3399.32	1.579e+04 2414.21 4.281e+04
178	4	6.180e+04 1.508e+04	5315.28 2181.93	9.14e-03 3.92e-03	-2.29	0.0 24.4 48.8	509.48 509.48 509.48	-3449.22 -340.01 2811.59	-64.27 -64.27 -64.27	-3385.06 -3252.70 -3156.16	5315.28 3748.60 2181.93	6.180e+04 1.552e+04 4.557e+04
178	5	4.088e+04 9781.99	4321.95 1704.16	6.19e-03 2.96e-03	-1.54	0.0 24.4 48.8	301.37 301.37 301.37	-2299.55 -223.19 1881.90	-53.70 -53.70 -53.70	-2426.68 -2327.51 -2253.97	4321.95 3013.06 1704.16	4.088e+04 1.006e+04 3.023e+04
178	7	4.754e+04 1.163e+04	4028.08 1674.32	7.02e-03 2.99e-03	-1.76	0.0 24.4 48.8	399.86 399.86 399.86	-2650.94 -261.52 2160.50	-48.28 -48.28 -48.28	-2574.63 -2478.01 -2408.67	4028.08 2851.20 1674.32	4.754e+04 1.197e+04 3.506e+04
178	9	5.575e+04 1.337e+04	5648.66 2212.07	8.36e-03 3.92e-03	-2.09	0.0 24.4 48.8	411.87 411.87 411.87	-3132.42 -305.40 2560.41	-70.49 -70.49 -70.49	-3286.75 -3142.98 -3033.81	5648.66 3930.37 2212.07	5.575e+04 1.376e+04 4.118e+04
178	27	4.691e+04 1.156e+04	1.228e+04 7216.14	-0.05 6.66e-03	-1.78	0.0 24.4 48.8	330.82 330.82 330.82	-2189.14 -180.02 2172.70	-105.10 -105.10 -105.10	-3562.57 -3199.17 -2873.03	1.228e+04 9746.10 7216.14	4.691e+04 1.200e+04 3.347e+04
178	40	4.035e+04 7469.48	3272.89 -2497.74	-0.01 4.07e-03	-1.53	0.0 24.4 48.8	642.55 642.55 642.55	-2405.15 -304.43 1767.91	-119.39 -119.39 -119.39	-2555.37 -2339.25 -2146.84	3272.89 387.58 -2497.74	4.035e+04 7509.77 3.146e+04
178	41	4.527e+04 1.316e+04	5890.69 5210.95	0.03 1.87e-03	-1.69	0.0 24.4 48.8	15.54 15.54 15.54	-2398.70 -164.08 2158.72	14.96 14.96 14.96	-2385.66 -2406.97 -2456.85	5210.95 5550.82 5890.69	4.527e+04 1.372e+04 3.180e+04
178	43	4.704e+04 1.332e+04	9223.55 7873.81	-0.03 3.88e-03	-1.78	0.0 24.4 48.8	76.56 76.56 76.56	-2278.57 -148.46 2250.66	-27.31 -27.31 -27.31	-3066.16 -2912.95 -2794.32	9223.55 8548.66 7873.81	4.704e+04 1.390e+04 3.284e+04
178	46	3.858e+04 7304.75	-739.71 -4480.86	0.01 2.06e-03	-1.45	0.0 24.4 48.8	581.52 581.52 581.52	-2525.28 -320.06 1675.97	-77.11 -77.11 -77.11	-1874.87 -1833.28 -1809.37	-739.71 -2610.29 -4480.86	3.858e+04 7321.27 3.042e+04
178	59	4.837e+04 1.200e+04	1.514e+04 9181.14	-0.06 7.97e-03	-1.84	0.0 24.4 48.8	331.45 331.45 331.45	-2113.39 -160.72 2247.24	-123.93 -123.93 -123.93	-3951.35 -3493.25 -3076.37	1.514e+04 1.216e+04 9181.14	4.837e+04 1.249e+04 3.413e+04
178	72	3.947e+04 6405.22	2927.91 -3990.87	-0.02 4.46e-03	-1.51	0.0 24.4 48.8	754.16 754.16 754.16	-2406.30 -329.41 1698.35	-143.31 -143.31 -143.31	-2585.58 -2327.20 -2091.66	2927.91 -531.48 -3990.87	3.947e+04 6405.22 3.140e+04
178	73	4.615e+04 1.417e+04	7383.82 5555.93	0.03 1.48e-03	-1.73	0.0 24.4 48.8	-96.07 -96.07 -96.07	-2397.56 -139.10 2228.28	38.88 38.88 38.88	-2355.45 -2419.03 -2512.03	5555.93 6469.87 7383.82	4.615e+04 1.482e+04 3.187e+04
178	75	4.855e+04 1.440e+04	1.100e+04 1.007e+04	-0.03 4.21e-03	-1.84	0.0 24.4 48.8	-13.32 -13.32 -13.32	-2234.66 -117.91 2352.96	-18.45 -18.45 -18.45	-3278.21 -3105.13 -2969.64	1.100e+04 1.053e+04 1.007e+04	4.855e+04 1.508e+04 3.327e+04
178	78	3.707e+04 6149.61	-2513.17 -6679.99	0.02 1.73e-03	-1.40	0.0 24.4 48.8	671.40 671.40 671.40	-2569.20 -350.60 1573.67	-85.98 -85.98 -85.98	-1662.82 -1641.10 -1634.05	-2513.17 -4596.58 -6679.99	3.707e+04 6149.61 2.999e+04
178	79	4.148e+04 9945.01	4300.69 1702.44	6.27e-03 2.96e-03	-1.56	0.0 24.4 48.8	309.34 309.34 309.34	-2331.65 -226.59 1907.59	-53.30 -53.30 -53.30	-2440.93 -2343.01 -2270.90	4300.69 3001.57 1702.44	4.148e+04 1.023e+04 3.067e+04
178	81	4.592e+04 1.118e+04	4104.78 1682.55	6.83e-03 2.98e-03	-1.71	0.0 24.4 48.8	375.00 375.00 375.00	-2565.91 -252.14 2093.33	-49.69 -49.69 -49.69	-2539.56 -2443.35 -2374.04	4104.78 2893.67 1682.55	4.592e+04 1.150e+04 3.389e+04
178	82	4.633e+04 1.127e+04	4131.12 1682.75	6.87e-03 3.00e-03	-1.72	0.0 24.4 48.8	375.58 375.58 375.58	-2588.97 -254.62 2111.61	-50.22 -50.22 -50.22	-2572.66 -2470.53 -2395.60	4131.12 2906.94 1682.75	4.633e+04 1.160e+04 3.418e+04
178	83	4.230e+04 1.013e+04	4353.37 1702.85	6.35e-03 3.01e-03	-1.59	0.0 24.4 48.8	310.51 310.51 310.51	-2377.77 -231.55 1944.16	-54.37 -54.37 -54.37	-2507.13 -2397.38 -2314.04	4353.37 3028.11 1702.85	4.230e+04 1.043e+04 3.125e+04
178	86	4.148e+04 9945.01	4300.69 1702.44	6.27e-03 2.96e-03	-1.56	0.0 24.4 48.8	309.34 309.34 309.34	-2331.65 -226.59 1907.59	-53.30 -53.30 -53.30	-2440.93 -2343.01 -2270.90	4300.69 3001.57 1702.44	4.148e+04 1.023e+04 3.067e+04
178	87	4.370e+04 1.056e+04	4202.74 1692.50	6.55e-03 2.97e-03	-1.63	0.0 24.4 48.8	342.17 342.17 342.17	-2448.78 -239.37 2000.46	-51.49 -51.49 -51.49	-2490.24 -2393.18 -2322.47	4202.74 2947.62 1692.50	4.370e+04 1.087e+04 3.228e+04
178	88	4.164e+04 9982.66	4311.23 1702.53	6.29e-03 2.97e-03	-1.57	0.0 24.4 48.8	309.58 309.58 309.58	-2340.87 -227.58 1914.91	-53.51 -53.51 -53.51	-2454.17 -2353.89 -2279.53	4311.23 3006.88 1702.53	4.164e+04 1.027e+04 3.078e+04
178	91	4.148e+04 9945.01	4300.69 1702.44	6.27e-03 2.96e-03	-1.56	0.0 24.4 48.8	309.34 309.34 309.34	-2331.65 -226.59 1907.59	-53.30 -53.30 -53.30	-2440.93 -2343.01 -2270.90	4300.69 3001.57 1702.44	4.148e+04 1.023e+04 3.067e+04
178	92	4.281e+04 1.031e+04	4241.92 1696.48	6.44e-03 2.97e-03	-1.60	0.0 24.4 48.8	329.04 329.04 329.04	-2401.93 -234.26 1963.31	-52.21 -52.21 -52.21	-2470.52 -2373.11 -2301.84	4241.92 2969.20 1696.48	4.281e+04 1.061e+04 3.163e+04
179	4	4.557e+04 -923.10	3969.87 -3588.23	-4.00e-03 4.33e-03	-2.17	0.0 24.4	569.96 569.96	-3366.74 -393.15	-155.04 -155.04	-5346.11 -5299.44	3969.87 190.82	4.557e+04 -293.32

					48.8	569.96	2597.59	-155.04	-5307.54	-3588.23	2.654e+04
179	5	3.023e+04	3073.94	-2.81e-03	-1.46	0.0	361.13	-2242.68	-120.27	-3758.17	3073.94 3.023e+04
		-667.65	-2789.31	3.29e-03		24.4	361.13	-257.03	-120.27	-3720.22	142.32 -263.92
						48.8	361.13	1740.67	-120.27	-3720.72	-2789.31 1.779e+04
179	9	4.118e+04	4046.84	-3.75e-03	-1.98	0.0	491.39	-3054.64	-159.65	-5079.06	4046.84 4.118e+04
		-922.72	-3736.28	4.34e-03		24.4	491.39	-351.25	-159.65	-5018.54	155.28 -369.01
						48.8	491.39	2368.23	-159.65	-5009.88	-3736.28 2.418e+04
179	11	4.456e+04	4012.51	-3.93e-03	-2.13	0.0	548.52	-3296.37	-157.72	-5308.97	4012.51 4.456e+04
		-939.32	-3676.56	4.35e-03		24.4	548.52	-383.29	-157.72	-5252.96	167.98 -328.02
						48.8	548.52	2546.65	-157.72	-5251.22	-3676.56 2.601e+04
179	15	3.371e+04	8389.20	-0.05	-1.72	0.0	394.74	-2079.73	-225.96	-5683.46	8389.20 3.371e+04
		788.50	-2727.33	6.78e-03		24.4	394.74	-247.86	-225.96	-5395.20	2830.93 1194.92
						48.8	394.74	2046.73	-225.96	-5163.05	-2727.33 1.964e+04
179	27	3.347e+04	1.009e+04	-0.05	-1.70	0.0	354.83	-2110.43	-226.32	-5529.05	1.009e+04 3.347e+04
		605.04	-1482.24	7.68e-03		24.4	354.83	-251.14	-226.32	-5263.60	4304.43 1015.97
						48.8	354.83	2020.96	-226.32	-5052.86	-1482.24 1.957e+04
179	40	3.146e+04	-599.20	-0.02	-1.43	0.0	686.96	-2494.05	-211.28	-3512.06	-599.20 3.146e+04
		-2584.65	-1.087e+04	4.75e-03		24.4	686.96	-283.65	-211.28	-3362.49	-5733.74 -2145.81
						48.8	686.96	1660.17	-211.28	-3246.99	-1.087e+04 1.874e+04
179	41	3.180e+04	6723.00	0.02	-1.65	0.0	81.73	-2192.67	-27.79	-4197.08	6723.00 3.180e+04
		1232.81	5337.08	1.83e-03		24.4	81.73	-256.87	-27.79	-4276.51	6030.04 1648.65
						48.8	81.73	1970.35	-27.79	-4400.81	5337.08 1.837e+04
179	42	3.036e+04	-3120.16	0.02	-1.35	0.0	635.95	-2613.95	-137.35	-2550.79	-3120.16 3.036e+04
		-3087.44	-9733.92	2.66e-03		24.4	635.95	-293.93	-137.35	-2561.55	-6427.04 -2638.40
						48.8	635.95	1558.83	-137.35	-2598.01	-9733.92 1.813e+04
179	47	3.444e+04	1.029e+04	-0.07	-1.79	0.0	398.45	-1985.88	-263.85	-6334.55	1.029e+04 3.444e+04
		1309.84	-2713.71	8.02e-03		24.4	398.45	-239.89	-263.85	-5956.15	3786.00 1708.81
						48.8	398.45	2129.13	-263.85	-5639.79	-2713.71 2.003e+04
179	59	3.413e+04	1.259e+04	-0.06	-1.76	0.0	344.33	-2027.51	-264.34	-6125.17	1.259e+04 3.413e+04
		1061.06	-1025.37	9.24e-03		24.4	344.33	-244.33	-264.34	-5777.69	5784.07 1466.16
						48.8	344.33	2094.19	-264.34	-5490.37	-1025.37 1.993e+04
179	72	3.140e+04	-1902.54	-0.03	-1.40	0.0	794.69	-2547.69	-243.95	-3390.13	-1902.54 3.140e+04
		-3264.16	-1.375e+04	5.27e-03		24.4	794.69	-288.42	-243.95	-3199.80	-7827.69 -2821.23
						48.8	794.69	1604.96	-243.95	-3041.61	-1.375e+04 1.881e+04
179	73	3.186e+04	8221.63	0.03	-1.70	0.0	-26.00	-2139.02	4.87	-4319.01	8026.35 3.186e+04
		1912.32	8026.35	1.32e-03		24.4	-26.00	-252.10	4.87	-4439.20	8123.99 2324.07
						48.8	-26.00	2025.56	4.87	-4606.19	8221.63 1.830e+04
179	74	2.991e+04	-5320.96	0.03	-1.29	0.0	725.52	-2710.29	-143.69	-2086.65	-5320.96 2.991e+04
		-3945.95	-1.221e+04	2.43e-03		24.4	725.52	-302.36	-143.69	-2113.71	-8767.80 -3489.17
						48.8	725.52	1467.54	-143.69	-2161.60	-1.221e+04 1.798e+04
179	79	3.067e+04	3071.71	-2.84e-03	-1.48	0.0	368.02	-2274.29	-120.09	-3788.88	3071.71 3.067e+04
		-671.18	-2782.66	3.29e-03		24.4	368.02	-261.10	-120.09	-3752.52	144.52 -260.29
						48.8	368.02	1764.28	-120.09	-3754.94	-2782.66 1.804e+04
179	82	3.418e+04	3057.63	-3.02e-03	-1.63	0.0	424.45	-2526.66	-119.49	-4048.78	3057.63 3.418e+04
		-702.54	-2767.60	3.32e-03		24.4	424.45	-294.20	-119.49	-4011.77	145.01 -232.67
						48.8	424.45	1951.22	-119.49	-4016.21	-2767.60 1.994e+04
179	83	3.125e+04	3108.94	-2.86e-03	-1.51	0.0	372.07	-2318.59	-122.57	-3870.75	3108.94 3.125e+04
		-702.29	-2866.30	3.33e-03		24.4	372.07	-266.27	-122.57	-3824.49	121.32 -283.13
						48.8	372.07	1798.32	-122.57	-3817.76	-2866.30 1.837e+04
179	85	3.350e+04	3086.05	-2.98e-03	-1.60	0.0	410.15	-2479.74	-121.28	-4024.02	3086.05 3.350e+04
		-713.35	-2826.49	3.34e-03		24.4	410.15	-287.62	-121.28	-3980.77	129.78 -255.80
						48.8	410.15	1917.26	-121.28	-3978.66	-2826.49 1.958e+04
179	86	3.067e+04	3071.71	-2.84e-03	-1.48	0.0	368.02	-2274.29	-120.09	-3788.88	3071.71 3.067e+04
		-671.18	-2782.66	3.29e-03		24.4	368.02	-261.10	-120.09	-3752.52	144.52 -260.29
						48.8	368.02	1764.28	-120.09	-3754.94	-2782.66 1.804e+04
179	87	3.228e+04	3055.36	-2.93e-03	-1.55	0.0	395.22	-2389.40	-119.17	-3898.37	3055.36 3.228e+04
		-679.08	-2754.22	3.30e-03		24.4	395.22	-276.36	-119.17	-3864.15	150.57 -240.77
						48.8	395.22	1849.24	-119.17	-3869.87	-2754.22 1.890e+04
179	88	3.078e+04	3079.16	-2.84e-03	-1.49	0.0	368.83	-2283.15	-120.59	-3805.26	3079.16 3.078e+04
		-677.40	-2799.39	3.30e-03		24.4	368.83	-262.14	-120.59	-3766.92	139.88 -264.86
						48.8	368.83	1771.09	-120.59	-3767.51	-2799.39 1.810e+04
179	90	3.175e+04	3069.35	-2.90e-03	-1.53	0.0	385.15	-2352.22	-120.03	-3870.95	3069.35 3.175e+04
		-682.14	-2782.33	3.30e-03		24.4	385.15	-271.29	-120.03	-3833.90	143.51 -253.15
						48.8	385.15	1822.07	-120.03	-3836.46	-2782.33 1.862e+04
179	91	3.067e+04	3071.71	-2.84e-03	-1.48	0.0	368.02	-2274.29	-120.09	-3788.88	3071.71 3.067e+04
		-671.18	-2782.66	3.29e-03		24.4	368.02	-261.10	-120.09	-3752.52	144.52 -260.29
						48.8	368.02	1764.28	-120.09	-3754.94	-2782.66 1.804e+04
179	92	3.163e+04	3061.90	-2.89e-03	-1.52	0.0	384.34	-2343.36	-119.54	-3854.57	3061.90 3.163e+04
		-675.92	-2765.60	3.29e-03		24.4	384.34	-270.26	-119.54	-3819.50	148.15 -248.58
						48.8	384.34	1815.26	-119.54	-3823.90	-2765.60 1.856e+04
180	4	2.654e+04	-2524.85	-3.31e-03	-2.16	0.0	694.76	-3302.13	-223.97	-8558.97	-2524.85 2.654e+04
		-1.865e+04	-1.344e+04	3.69e-03		24.4	694.76	-359.99	-223.97	-8637.17	-7984.24 -1.811e+04
						48.8	694.76	2596.04	-223.97	-8802.88	-1.344e+04 9102.24
180	5	1.779e+04	-1865.07	-2.34e-03	-1.45	0.0	464.56	-2204.12	-177.98	-5866.47	-1865.07 1.779e+04
		-1.234e+04	-1.054e+04	2.80e-03		24.4	464.56	-238.62	-177.98	-5915.54	-6203.40 -1.199e+04
						48.8	464.56	1736.70	-177.98	-6024.54	-1.054e+04 6240.77
180	9	2.418e+04	-2516.59	-3.12e-03	-1.97	0.0	631.14	-2999.11	-235.57	-7923.92	-2516.59 2.418e+04

		-1.681e+04	-1.400e+04	3.68e-03		24.4	631.14	-323.61	-235.57	-7980.95	-8258.52	-1.633e+04
						48.8	631.14	2364.97	-235.57	-8118.86	-1.400e+04	8510.81
180	15	1.964e+04	-522.31	-0.05	-1.72	0.0	460.50	-2050.29	-362.65	-8241.08	-522.31	1.964e+04
		-1.105e+04	-1.727e+04	6.16e-03		24.4	460.50	-202.13	-362.65	-8081.89	-8897.71	-1.062e+04
						48.8	460.50	2097.37	-362.65	-8005.00	-1.727e+04	9696.60
180	40	1.874e+04	-9918.06	-0.02	-1.37	0.0	789.06	-2581.67	-302.71	-4738.39	-9918.06	1.874e+04
		-1.786e+04	-2.427e+04	-2.25e-03		24.4	789.06	-316.55	-302.71	-4666.48	-1.710e+04	-1.728e+04
						48.8	789.06	1665.31	-302.71	-4641.62	-2.427e+04	3850.56
180	41	1.837e+04	6159.13	0.02	-1.69	0.0	180.63	-2021.94	-48.32	-7408.65	6159.13	1.837e+04
		-8001.18	3401.49	7.86e-03		24.4	180.63	-183.38	-48.32	-7589.47	4780.31	-7838.73
						48.8	180.63	1958.66	-48.32	-7847.43	3401.49	9054.67
180	42	1.813e+04	-9539.12	0.02	-1.29	0.0	757.98	-2676.08	-176.75	-3714.12	-9539.12	1.813e+04
		-1.816e+04	-1.832e+04	-4.19e-03		24.4	757.98	-334.20	-176.75	-3782.50	-1.393e+04	-1.764e+04
						48.8	757.98	1534.51	-176.75	-3888.78	-1.832e+04	2363.05
180	43	1.897e+04	6557.92	-0.02	-1.76	0.0	204.67	-1939.07	-178.18	-8449.10	6557.92	1.897e+04
		-7723.68	-2315.28	0.01		24.4	204.67	-162.84	-178.18	-8497.00	2121.32	-7546.84
						48.8	204.67	2082.50	-178.18	-8631.42	-2315.28	1.066e+04
180	47	2.003e+04	-39.16	-0.07	-1.80	0.0	451.83	-1960.74	-429.27	-9012.73	-39.16	2.003e+04
		-1.038e+04	-1.971e+04	7.35e-03		24.4	451.83	-185.10	-429.27	-8777.49	-9873.21	-9931.46
						48.8	451.83	2198.96	-429.27	-8631.73	-1.971e+04	1.085e+04
180	72	1.881e+04	-1.278e+04	-0.03	-1.33	0.0	897.36	-2681.31	-347.99	-4263.09	-1.278e+04	1.881e+04
		-1.961e+04	-2.920e+04	-4.05e-03		24.4	897.36	-340.25	-347.99	-4146.19	-2.099e+04	-1.896e+04
						48.8	897.36	1613.10	-347.99	-4070.98	-2.920e+04	2924.22
180	73	1.830e+04	9020.86	0.03	-1.75	0.0	72.33	-1922.31	-3.03	-7883.95	9020.86	1.830e+04
		-6247.07	8327.50	9.66e-03		24.4	72.33	-159.67	-3.03	-8109.77	8674.18	-6158.52
						48.8	72.33	2010.87	-3.03	-8418.07	8327.50	9981.01
180	74	1.798e+04	-1.227e+04	0.03	-1.22	0.0	855.21	-2809.33	-177.19	-2874.18	-1.227e+04	1.798e+04
		-2.002e+04	-2.113e+04	-6.69e-03		24.4	855.21	-364.18	-177.19	-2947.51	-1.670e+04	-1.945e+04
						48.8	855.21	1435.73	-177.19	-3050.14	-2.113e+04	907.14
180	75	1.912e+04	9561.62	-0.03	-1.85	0.0	104.93	-1809.93	-179.13	-9294.81	9561.62	1.912e+04
		-5870.79	575.56	0.01		24.4	104.93	-131.83	-179.13	-9340.37	5068.59	-5762.72
						48.8	104.93	2178.80	-179.13	-9481.16	575.56	1.216e+04
180	79	1.804e+04	-1869.67	-2.37e-03	-1.47	0.0	470.85	-2234.91	-177.24	-5931.78	-1869.67	1.804e+04
		-1.253e+04	-1.051e+04	2.80e-03		24.4	470.85	-242.16	-177.24	-5983.23	-6189.90	-1.217e+04
						48.8	470.85	1760.53	-177.24	-6095.30	-1.051e+04	6310.61
180	82	1.994e+04	-1929.46	-2.51e-03	-1.62	0.0	521.76	-2478.88	-173.44	-6453.35	-1929.46	1.994e+04
		-1.398e+04	-1.038e+04	2.83e-03		24.4	521.76	-269.92	-173.44	-6510.75	-6157.14	-1.358e+04
						48.8	521.76	1949.54	-173.44	-6634.12	-1.038e+04	6863.02
180	83	1.837e+04	-1923.95	-2.37e-03	-1.50	0.0	479.35	-2276.87	-181.17	-6029.98	-1923.95	1.837e+04
		-1.275e+04	-1.076e+04	2.83e-03		24.4	479.35	-245.67	-181.17	-6073.27	-6340.00	-1.239e+04
						48.8	479.35	1795.50	-181.17	-6178.10	-1.076e+04	6468.73
180	86	1.804e+04	-1869.67	-2.37e-03	-1.47	0.0	470.85	-2234.91	-177.24	-5931.78	-1869.67	1.804e+04
		-1.253e+04	-1.051e+04	2.80e-03		24.4	470.85	-242.16	-177.24	-5983.23	-6189.90	-1.217e+04
						48.8	470.85	1760.53	-177.24	-6095.30	-1.051e+04	6310.61
180	87	1.890e+04	-1886.00	-2.43e-03	-1.54	0.0	494.18	-2346.41	-174.36	-6168.01	-1886.00	1.890e+04
		-1.320e+04	-1.039e+04	2.81e-03		24.4	494.18	-255.16	-174.36	-6224.48	-6136.00	-1.282e+04
						48.8	494.18	1846.29	-174.36	-6344.01	-1.039e+04	6547.28
180	88	1.810e+04	-1880.53	-2.37e-03	-1.48	0.0	472.55	-2243.30	-178.03	-5951.42	-1880.53	1.810e+04
		-1.257e+04	-1.056e+04	2.80e-03		24.4	472.55	-242.86	-178.03	-6001.23	-6219.92	-1.221e+04
						48.8	472.55	1767.52	-178.03	-6111.86	-1.056e+04	6342.24
180	91	1.804e+04	-1869.67	-2.37e-03	-1.47	0.0	470.85	-2234.91	-177.24	-5931.78	-1869.67	1.804e+04
		-1.253e+04	-1.051e+04	2.80e-03		24.4	470.85	-242.16	-177.24	-5983.23	-6189.90	-1.217e+04
						48.8	470.85	1760.53	-177.24	-6095.30	-1.051e+04	6310.61
180	92	1.856e+04	-1879.47	-2.41e-03	-1.51	0.0	484.85	-2301.81	-175.51	-6073.52	-1879.47	1.856e+04
		-1.293e+04	-1.044e+04	2.80e-03		24.4	484.85	-249.96	-175.51	-6127.98	-6157.56	-1.256e+04
						48.8	484.85	1811.99	-175.51	-6244.52	-1.044e+04	6452.62
194	4	1.475e+04	-3.700e+04	9.15e-03	-2.05	0.0	-1049.26	-2539.08	1434.43	6820.37	-1.083e+05	6091.62
		-2.353e+04	-1.083e+05	-2.80e-03		24.8	-1049.26	162.97	1434.43	6012.22	-7.263e+04	-2.353e+04
						49.7	-1049.26	2933.56	1434.43	5311.38	-3.700e+04	1.475e+04
194	5	8387.41	-2.649e+04	6.93e-03	-1.30	0.0	-835.68	-1570.85	1040.06	5437.68	-7.815e+04	3269.63
		-1.516e+04	-7.815e+04	-2.21e-03		24.8	-835.68	94.39	1040.06	4770.82	-5.232e+04	-1.516e+04
						49.7	-835.68	1811.45	1040.06	4189.11	-2.649e+04	8387.41
194	7	1.160e+04	-2.790e+04	6.83e-03	-1.59	0.0	-775.04	-1973.98	1076.55	4995.54	-8.137e+04	4822.36
		-1.819e+04	-8.137e+04	-2.03e-03		24.8	-775.04	127.94	1076.55	4410.94	-5.464e+04	-1.819e+04
						49.7	-775.04	2281.01	1076.55	3905.07	-2.790e+04	1.160e+04
194	9	1.160e+04	-3.648e+04	9.54e-03	-1.78	0.0	-1143.55	-2156.63	1436.37	7530.43	-1.078e+05	4550.07
		-2.074e+04	-1.078e+05	-3.12e-03		24.8	-1143.55	130.06	1436.37	6603.44	-7.215e+04	-2.074e+04
						49.7	-1143.55	2488.08	1436.37	5794.30	-3.648e+04	1.160e+04
194	11	1.385e+04	-3.746e+04	9.47e-03	-1.98	0.0	-1101.10	-2438.82	1461.90	7220.93	-1.101e+05	5636.98
		-2.287e+04	-1.101e+05	-2.99e-03		24.8	-1101.10	153.55	1461.90	6351.52	-7.377e+04	-2.287e+04
						49.7	-1101.10	2816.76	1461.90	5595.47	-3.746e+04	1.385e+04
194	15	9599.49	-2.697e+04	-0.03	-1.49	0.0	-699.01	-1537.58	1030.87	3962.66	-7.902e+04	5736.67
		-1.379e+04	-7.902e+04	-2.29e-03		24.8	-699.01	142.45	1030.87	3311.43	-5.300e+04	-1.379e+04
						49.7	-699.01	2107.17	1030.87	2714.37	-2.697e+04	9599.49
194	18	8962.13	-2.682e+04	0.03	-1.27	0.0	-939.29	-1829.00	1070.33	6671.16	-7.913e+04	1664.71
		-1.823e+04	-7.913e+04	-2.03e-03		24.8	-939.29	65.04	1070.33	6032.96	-5.297e+04	-1.822e+04
						49.7	-939.29	1777.51	1070.33	5507.36	-2.682e+04	8962.13

194	22	9001.95-2.678e+04	0.03	-1.27	0.0	-936.37	-1819.73	1059.43	6564.57	-7.858e+04	1807.05
		-1.825e+04 -7.858e+04	-2.04e-03		24.8	-936.37	67.06	1059.43	5899.96	-5.268e+04 -1.822e+04	
					49.7	-936.37	1782.48	1059.43	5346.48	-2.678e+04	9001.95
194	35	1.013e+04 -2.849e+04	-0.03	-1.53	0.0	-729.80	-1493.89	896.16	3610.17	-7.336e+04	6387.08
		-1.514e+04 -7.336e+04	9.03e-04		24.8	-729.80	141.46	896.16	2400.75	-5.093e+04 -1.510e+04	
					49.7	-729.80	2087.26	896.16	1231.64	-2.849e+04	1.013e+04
194	36	8573.58-2.488e+04	0.02	-1.26	0.0	-856.84	-1841.74	1255.78	6292.30	-8.771e+04	2058.56
		-1.583e+04 -8.771e+04	-4.06e-03		24.8	-856.84	86.30	1255.78	6238.26	-5.629e+04 -1.583e+04	
					49.7	-856.84	1853.35	1255.78	6295.02	-2.488e+04	8573.58
194	44	8706.32-2.477e+04	0.02	-1.27	0.0	-847.12	-1810.85	1219.42	5937.02	-8.588e+04	2533.02
		-1.584e+04 -8.588e+04	-4.07e-03		24.8	-847.12	93.05	1219.42	5794.92	-5.532e+04 -1.584e+04	
					49.7	-847.12	1869.92	1219.42	5758.76	-2.477e+04	8706.32
194	47	9712.92-2.700e+04	-0.04	-1.53	0.0	-656.24	-1485.70	1023.84	3480.55	-7.901e+04	6461.50
		-1.300e+04 -7.901e+04	-2.33e-03		24.8	-656.24	156.22	1023.84	2826.99	-5.300e+04 -1.300e+04	
					49.7	-656.24	2165.85	1023.84	2217.22	-2.700e+04	9712.92
194	50	8848.70-2.679e+04	0.04	-1.23	0.0	-982.06	-1880.87	1077.36	7153.27	-7.915e+04	939.88
		-1.904e+04 -7.915e+04	-1.99e-03		24.8	-982.06	51.26	1077.36	6517.40	-5.297e+04 -1.901e+04	
					49.7	-982.06	1718.83	1077.36	6004.51	-2.679e+04	8848.70
194	54	8902.69-2.675e+04	0.03	-1.24	0.0	-978.10	-1868.30	1062.57	7008.74	-7.840e+04	1132.90
		-1.905e+04 -7.840e+04	-1.99e-03		24.8	-978.10	54.01	1062.57	6337.05	-5.257e+04 -1.901e+04	
					49.7	-978.10	1725.57	1062.57	5786.36	-2.675e+04	8902.69
194	67	1.043e+04 -2.906e+04	-0.04	-1.58	0.0	-698.00	-1426.47	841.17	3002.57	-7.133e+04	7343.44
		-1.484e+04 -7.133e+04	1.12e-03		24.8	-698.00	154.89	841.17	1592.12	-5.019e+04 -1.478e+04	
					49.7	-698.00	2138.85	841.17	206.63	-2.906e+04	1.043e+04
194	68	8321.82-2.416e+04	0.03	-1.25	0.0	-870.26	-1898.15	1328.82	6639.53	-9.078e+04	1473.96
		-1.576e+04 -9.078e+04	-4.73e-03		24.8	-870.26	80.08	1328.82	6795.77	-5.747e+04 -1.576e+04	
					49.7	-870.26	1821.67	1328.82	7072.58	-2.416e+04	8321.82
194	76	8501.79-2.401e+04	0.02	-1.26	0.0	-857.08	-1856.27	1279.51	6157.78	-8.830e+04	2117.35
		-1.578e+04 -8.830e+04	-4.75e-03		24.8	-857.08	89.24	1279.51	6194.61	-5.616e+04 -1.578e+04	
					49.7	-857.08	1844.14	1279.51	6345.40	-2.401e+04	8501.79
194	79	8638.09-2.661e+04	6.91e-03	-1.32	0.0	-831.28	-1602.66	1043.30	5405.34	-7.843e+04	3390.14
		-1.540e+04 -7.843e+04	-2.20e-03		24.8	-831.28	97.03	1043.30	4744.17	-5.252e+04 -1.540e+04	
					49.7	-831.28	1848.43	1043.30	4167.67	-2.661e+04	8638.09
194	81	1.078e+04 -2.755e+04	6.85e-03	-1.51	0.0	-790.85	-1871.42	1067.63	5110.57	-8.058e+04	4425.30
		-1.742e+04 -8.058e+04	-2.08e-03		24.8	-790.85	119.40	1067.63	4504.25	-5.407e+04 -1.742e+04	
					49.7	-790.85	2161.47	1067.63	3978.31	-2.755e+04	1.078e+04
194	82	1.082e+04 -2.814e+04	7.03e-03	-1.53	0.0	-813.28	-1885.20	1093.24	5289.18	-8.244e+04	4432.76
		-1.758e+04 -8.244e+04	-2.17e-03		24.8	-813.28	119.82	1093.24	4658.47	-5.529e+04 -1.758e+04	
					49.7	-813.28	2177.51	1093.24	4110.90	-2.814e+04	1.082e+04
194	83	8718.72-2.779e+04	7.29e-03	-1.35	0.0	-876.14	-1630.23	1094.52	5762.56	-8.215e+04	3405.05
		-1.572e+04 -8.215e+04	-2.38e-03		24.8	-876.14	97.89	1094.52	5052.61	-5.497e+04 -1.572e+04	
					49.7	-876.14	1880.52	1094.52	4432.84	-2.779e+04	8718.72
194	85	1.022e+04 -2.844e+04	7.24e-03	-1.48	0.0	-847.85	-1818.36	1111.55	5556.22	-8.365e+04	4129.66
		-1.714e+04 -8.365e+04	-2.30e-03		24.8	-847.85	113.54	1111.55	4884.67	-5.605e+04 -1.714e+04	
					49.7	-847.85	2099.65	1111.55	4300.29	-2.844e+04	1.022e+04
194	86	8638.09-2.661e+04	6.91e-03	-1.32	0.0	-831.28	-1602.66	1043.30	5405.34	-7.843e+04	3390.14
		-1.540e+04 -7.843e+04	-2.20e-03		24.8	-831.28	97.03	1043.30	4744.17	-5.252e+04 -1.540e+04	
					49.7	-831.28	1848.43	1043.30	4167.67	-2.661e+04	8638.09
194	87	9709.28-2.708e+04	6.88e-03	-1.42	0.0	-811.06	-1737.04	1055.47	5257.96	-7.951e+04	3907.72
		-1.641e+04 -7.951e+04	-2.14e-03		24.8	-811.06	108.21	1055.47	4624.21	-5.329e+04 -1.641e+04	
					49.7	-811.06	2004.95	1055.47	4072.99	-2.708e+04	9709.28
194	88	8654.22-2.685e+04	6.99e-03	-1.33	0.0	-840.25	-1608.17	1053.55	5476.78	-7.918e+04	3393.13
		-1.546e+04 -7.918e+04	-2.23e-03		24.8	-840.25	97.20	1053.55	4805.86	-5.301e+04 -1.546e+04	
					49.7	-840.25	1854.85	1053.55	4220.71	-2.685e+04	8654.22
194	90	9296.93-2.713e+04	6.97e-03	-1.38	0.0	-828.12	-1688.80	1060.84	5388.35	-7.982e+04	3703.67
		-1.607e+04 -7.982e+04	-2.20e-03		24.8	-828.12	103.91	1060.84	4733.88	-5.347e+04 -1.607e+04	
					49.7	-828.12	1948.76	1060.84	4163.90	-2.713e+04	9296.93
194	91	8638.09-2.661e+04	6.91e-03	-1.32	0.0	-831.28	-1602.66	1043.30	5405.34	-7.843e+04	3390.14
		-1.540e+04 -7.843e+04	-2.20e-03		24.8	-831.28	97.03	1043.30	4744.17	-5.252e+04 -1.540e+04	
					49.7	-831.28	1848.43	1043.30	4167.67	-2.661e+04	8638.09
194	92	9280.81-2.689e+04	6.89e-03	-1.38	0.0	-819.15	-1683.29	1050.60	5316.91	-7.908e+04	3700.69
		-1.601e+04 -7.908e+04	-2.16e-03		24.8	-819.15	103.74	1050.60	4672.20	-5.299e+04 -1.601e+04	
					49.7	-819.15	1942.34	1050.60	4110.87	-2.689e+04	9280.81
195	4	1.911e+04 -1.102e+04	-0.01	-2.14	0.0	-1498.85	-2776.38	700.52	7894.49	-4.581e+04	1.478e+04
		-1.896e+04 -4.581e+04	-0.01		24.8	-1498.85	72.84	700.52	7311.49	-2.841e+04 -1.896e+04	
					49.7	-1498.85	3008.52	700.52	6858.96	-1.102e+04	1.911e+04
195	5	1.124e+04 -7304.13	-8.63e-03	-1.37	0.0	-1136.21	-1729.47	513.46	5975.17	-3.280e+04	8404.23
		-1.262e+04 -3.280e+04	-8.42e-03		24.8	-1136.21	46.32	513.46	5484.15	-2.005e+04 -1.262e+04	
					49.7	-1136.21	1886.48	513.46	5091.01	-7304.13	1.124e+04
195	7	1.497e+04 -8462.21	-8.68e-03	-1.66	0.0	-1118.79	-2155.16	524.77	5859.93	-3.452e+04	1.162e+04
		-1.456e+04 -3.452e+04	-8.57e-03		24.8	-1118.79	56.77	524.77	5441.19	-2.149e+04 -1.456e+04	
					49.7	-1118.79	2333.51	524.77	5119.55	-8462.21	1.497e+04
195	9	1.547e+04 -1.002e+04	-0.01	-1.88	0.0	-1557.84	-2376.10	708.41	8266.85	-4.520e+04	1.162e+04
		-1.727e+04 -4.520e+04	-0.01		24.8	-1557.84	62.64	708.41	7583.18	-2.761e+04 -1.727e+04	
					49.7	-1557.84	2589.82	708.41	7034.84	-1.002e+04	1.547e+04
195	11	1.808e+04 -1.083e+04	-0.01	-2.08	0.0	-1545.64	-2674.09	716.33	8186.18	-4.640e+04	1.387e+04
		-1.863e+04 -4.640e+04	-0.01		24.8	-1545.64	69.96	716.33	7553.11	-2.861e+04 -1.863e+04	

195	27	1.250e+04	-8060.24	-0.02	-1.51	49.7	-1545.64	2902.74	716.33	7054.83	-1.083e+04	1.808e+04
		-1.240e+04	-3.536e+04	-8.83e-03		0.0	-1045.60	-1774.39	544.61	4980.03	-3.536e+04	9729.97
						24.8	-1045.60	58.00	544.61	4346.01	-2.171e+04	-1.240e+04
195	31	1.290e+04	-1.221e+04	-0.03	-1.60	49.7	-1045.60	2079.33	544.61	3778.28	-8060.24	1.250e+04
		-1.185e+04	-3.308e+04	-7.01e-03		0.0	-991.23	-1681.74	421.39	4847.72	-3.308e+04	1.010e+04
						24.8	-991.23	55.43	421.39	3776.20	-2.265e+04	-1.185e+04
195	34	1.165e+04	-3044.72	0.03	-1.35	49.7	-991.23	2166.37	421.39	2762.23	-1.221e+04	1.290e+04
		-1.447e+04	-3.350e+04	-9.92e-03		0.0	-1272.17	-2014.40	612.25	7043.39	-3.350e+04	8493.36
						24.8	-1272.17	43.05	612.25	7171.72	-1.827e+04	-1.447e+04
195	36	1.172e+04	-2669.33	0.03	-1.36	49.7	-1272.17	1855.61	612.25	7437.87	-3044.72	1.165e+04
		-1.409e+04	-3.433e+04	-0.01		0.0	-1230.57	-1982.64	631.84	6676.88	-3.433e+04	8591.58
						24.8	-1230.57	47.86	631.84	6845.09	-1.850e+04	-1.409e+04
195	59	1.258e+04	-8214.02	-0.02	-1.53	49.7	-1230.57	1884.59	631.84	7135.47	-2669.33	1.172e+04
		-1.213e+04	-3.609e+04	-8.95e-03		0.0	-1014.95	-1748.16	554.51	4636.30	-3.609e+04	9883.84
						24.8	-1014.95	61.12	554.51	3944.46	-2.215e+04	-1.213e+04
195	63	1.312e+04	-1.384e+04	-0.04	-1.66	49.7	-1014.95	2103.66	554.51	3307.73	-8214.02	1.258e+04
		-1.139e+04	-3.301e+04	-6.49e-03		0.0	-941.22	-1622.53	387.41	4456.89	-3.301e+04	1.039e+04
						24.8	-941.22	57.63	387.41	3171.80	-2.343e+04	-1.139e+04
195	66	1.143e+04	-1412.98	0.04	-1.34	49.7	-941.22	2221.68	387.41	1929.97	-1.384e+04	1.312e+04
		-1.493e+04	-3.358e+04	-0.01		0.0	-1322.18	-2073.61	646.22	7434.22	-3.358e+04	8207.02
						24.8	-1322.18	40.85	646.22	7776.12	-1.750e+04	-1.493e+04
195	68	1.152e+04	-903.96	0.03	-1.35	49.7	-1322.18	1800.30	646.22	8270.14	-1412.98	1.143e+04
		-1.442e+04	-3.470e+04	-0.01		0.0	-1265.77	-2030.55	672.79	6937.24	-3.470e+04	8340.20
						24.8	-1265.77	47.37	672.79	7333.22	-1.780e+04	-1.442e+04
195	79	1.153e+04	-7396.64	-8.63e-03	-1.39	49.7	-1265.77	1839.59	672.79	7860.08	-903.96	1.152e+04
		-1.277e+04	-3.295e+04	-8.44e-03		0.0	-1135.18	-1762.93	514.55	5968.60	-3.295e+04	8654.93
						24.8	-1135.18	47.15	514.55	5482.55	-2.017e+04	-1.277e+04
195	81	1.402e+04	-8168.69	-8.66e-03	-1.59	49.7	-1135.18	1921.58	514.55	5094.34	-7396.64	1.153e+04
		-1.407e+04	-3.410e+04	-8.53e-03		0.0	-1123.57	-2046.72	522.09	5891.77	-3.410e+04	1.080e+04
						24.8	-1123.57	54.12	522.09	5453.91	-2.113e+04	-1.407e+04
195	82	1.408e+04	-8271.92	-8.88e-03	-1.60	49.7	-1123.57	2219.60	522.09	5113.38	-8168.69	1.402e+04
		-1.424e+04	-3.483e+04	-8.77e-03		0.0	-1151.28	-2063.67	534.89	6063.19	-3.483e+04	1.084e+04
						24.8	-1151.28	54.29	534.89	5606.40	-2.155e+04	-1.424e+04
195	83	1.165e+04	-7603.10	-9.05e-03	-1.42	49.7	-1151.28	2238.49	534.89	5249.66	-8271.92	1.408e+04
		-1.311e+04	-3.443e+04	-8.90e-03		0.0	-1190.60	-1796.82	540.15	6311.43	-3.443e+04	8736.33
						24.8	-1190.60	47.49	540.15	5787.53	-2.102e+04	-1.311e+04
195	85	1.340e+04	-8143.54	-9.08e-03	-1.56	49.7	-1190.60	1959.36	540.15	5366.91	-7603.10	1.165e+04
		-1.402e+04	-3.523e+04	-8.97e-03		0.0	-1182.47	-1995.47	545.43	6257.65	-3.523e+04	1.024e+04
						24.8	-1182.47	52.37	545.43	5767.48	-2.169e+04	-1.402e+04
195	86	1.153e+04	-7396.64	-8.63e-03	-1.39	49.7	-1182.47	2167.97	545.43	5380.24	-8143.54	1.340e+04
		-1.277e+04	-3.295e+04	-8.44e-03		0.0	-1135.18	-1762.93	514.55	5968.60	-3.295e+04	8654.93
						24.8	-1135.18	47.15	514.55	5482.55	-2.017e+04	-1.277e+04
195	87	1.278e+04	-7782.66	-8.64e-03	-1.49	49.7	-1135.18	1921.58	514.55	5094.34	-7396.64	1.153e+04
		-1.342e+04	-3.352e+04	-8.48e-03		0.0	-1129.38	-1904.83	518.32	5930.19	-3.352e+04	9726.26
						24.8	-1129.38	50.63	518.32	5468.23	-2.065e+04	-1.342e+04
195	88	1.155e+04	-7437.93	-8.71e-03	-1.40	49.7	-1129.38	2070.59	518.32	5103.86	-7782.66	1.278e+04
		-1.284e+04	-3.324e+04	-8.53e-03		0.0	-1146.27	-1769.71	519.67	6037.17	-3.324e+04	8671.21
						24.8	-1146.27	47.22	519.67	5543.55	-2.034e+04	-1.284e+04
195	90	1.230e+04	-7669.55	-8.72e-03	-1.46	49.7	-1146.27	1929.14	519.67	5148.86	-7437.93	1.155e+04
		-1.323e+04	-3.359e+04	-8.56e-03		0.0	-1142.78	-1854.85	521.94	6014.12	-3.359e+04	9314.01
						24.8	-1142.78	49.31	521.94	5534.95	-2.063e+04	-1.323e+04
195	91	1.153e+04	-7396.64	-8.63e-03	-1.39	49.7	-1142.78	2018.54	521.94	5154.57	-7669.55	1.230e+04
		-1.277e+04	-3.295e+04	-8.44e-03		0.0	-1135.18	-1762.93	514.55	5968.60	-3.295e+04	8654.93
						24.8	-1135.18	47.15	514.55	5482.55	-2.017e+04	-1.277e+04
195	92	1.228e+04	-7628.25	-8.64e-03	-1.45	49.7	-1135.18	1921.58	514.55	5094.34	-7396.64	1.153e+04
		-1.316e+04	-3.329e+04	-8.47e-03		0.0	-1131.70	-1848.07	516.82	5945.55	-3.329e+04	9297.73
						24.8	-1131.70	49.24	516.82	5473.96	-2.046e+04	-1.316e+04
196	4	1.912e+04	-3338.17	-0.01	-2.26	49.7	-1131.70	2010.99	516.82	5100.05	-7628.25	1.228e+04
		-1.923e+04	-1.776e+04	-0.01		0.0	-1754.42	-3050.93	290.29	7330.39	-1.776e+04	1.912e+04
						24.8	-1754.42	-22.71	290.29	7004.48	-1.055e+04	-1.923e+04
196	5	1.125e+04	-1549.04	-9.88e-03	-1.46	49.7	-1754.42	3104.23	290.29	6803.58	-3338.17	1.881e+04
		-1.291e+04	-1.221e+04	-0.01		0.0	-1305.50	-1921.58	214.63	5462.39	-1.221e+04	1.125e+04
						24.8	-1305.50	-12.50	214.63	5163.42	-6879.32	-1.291e+04
196	11	1.810e+04	-2933.20	-0.01	-2.20	49.7	-1305.50	1970.17	214.63	4956.59	-1549.04	1.124e+04
		-1.899e+04	-1.770e+04	-0.02		0.0	-1799.01	-2949.36	297.35	7552.18	-1.770e+04	1.810e+04
						24.8	-1799.01	-21.65	297.35	7184.25	-1.032e+04	-1.899e+04
196	12	1.144e+04	-1441.32	-0.01	-1.51	49.7	-1799.01	3007.36	297.35	6944.52	-2933.20	1.786e+04
		-1.351e+04	-1.288e+04	-0.01		0.0	-1399.55	-1983.72	230.37	5906.93	-1.288e+04	1.144e+04
						24.8	-1399.55	-13.44	230.37	5566.97	-7162.65	-1.351e+04
196	31	1.291e+04	-7282.00	-0.03	-1.69	49.7	-1399.55	2035.83	230.37	5326.35	-1441.32	1.142e+04
		-1.217e+04	-1.555e+04	-9.98e-03		0.0	-1130.11	-1894.19	166.21	4750.21	-1.555e+04	1.291e+04
						24.8	-1130.11	-12.11	166.21	3813.41	-1.142e+04	-1.217e+04
196	33	1.282e+04	-7780.69	-0.03	-1.68	49.7	-1130.11	2231.29	166.21	2906.74	-7282.00	1.271e+04
		-1.229e+04	-1.589e+04	-9.46e-03		0.0	-1157.70	-1913.83	161.96	4899.24	-1.589e+04	1.282e+04
						24.8	-1157.70	-12.42	161.96	3893.92	-1.183e+04	-1.229e+04
196	34	1.170e+04	3534.96	0.03	-1.48	49.7	-1157.70	2223.10	161.96	2985.04	-7780.69	1.269e+04
						0.0	-1485.99	-2195.12	264.73	6179.92	-9600.91	1.167e+04

		-1.466e+04	-9600.91	-0.01		24.8	-1485.99	-15.72	264.73	6557.46	-3032.98	-1.466e+04
						49.7	-1485.99	1949.68	264.73	7089.96	3534.96	1.170e+04
196	36	1.175e+04	4166.97	0.03	-1.48	0.0	-1464.44	-2179.89	274.90	5940.55	-9316.99	1.173e+04
		-1.455e+04	-9316.99	-0.01		24.8	-1464.44	-15.41	274.90	6341.62	-2575.01	-1.455e+04
						49.7	-1464.44	1960.67	274.90	6858.48	4166.97	1.175e+04
196	63	1.313e+04	-9207.41	-0.04	-1.74	0.0	-1066.76	-1840.62	148.68	4495.72	-1.661e+04	1.313e+04
		-1.172e+04	-1.661e+04	-9.70e-03		24.8	-1066.76	-11.46	148.68	3324.97	-1.291e+04	-1.172e+04
						49.7	-1066.76	2281.42	148.68	2162.13	-9207.41	1.289e+04
196	65	1.301e+04	-9883.64	-0.03	-1.73	0.0	-1104.17	-1867.26	142.92	4697.80	-1.707e+04	1.301e+04
		-1.189e+04	-1.707e+04	-9.00e-03		24.8	-1104.17	-11.89	142.92	3434.14	-1.348e+04	-1.189e+04
						49.7	-1104.17	2270.31	142.92	2268.31	-9883.64	1.286e+04
196	66	1.153e+04	5460.37	0.04	-1.46	0.0	-1549.34	-2248.69	282.27	6434.41	-8541.75	1.144e+04
		-1.511e+04	-8541.75	-0.01		24.8	-1549.34	-16.37	282.27	7045.90	-1540.69	-1.511e+04
						49.7	-1549.34	1899.55	282.27	7834.57	5460.37	1.153e+04
196	68	1.159e+04	6317.37	0.04	-1.47	0.0	-1520.11	-2228.03	296.06	6109.82	-8156.75	1.153e+04
		-1.496e+04	-8156.75	-0.01		24.8	-1520.11	-15.94	296.06	6753.22	-919.69	-1.496e+04
						49.7	-1520.11	1914.46	296.06	7520.68	6317.37	1.159e+04
196	79	1.154e+04	-1639.46	-9.88e-03	-1.48	0.0	-1306.42	-1956.24	214.94	5464.75	-1.232e+04	1.154e+04
		-1.305e+04	-1.232e+04	-0.01		24.8	-1306.42	-12.90	214.94	5170.76	-6977.38	-1.305e+04
						49.7	-1306.42	2004.02	214.94	4969.06	-1639.46	1.151e+04
196	82	1.409e+04	-2383.76	-0.01	-1.69	0.0	-1343.19	-2271.68	221.98	5613.99	-1.341e+04	1.409e+04
		-1.446e+04	-1.341e+04	-0.01		24.8	-1343.19	-16.60	221.98	5354.19	-7896.59	-1.446e+04
						49.7	-1343.19	2314.13	221.98	5189.95	-2383.76	1.390e+04
196	83	1.167e+04	-1567.64	-0.01	-1.51	0.0	-1369.12	-1997.66	225.43	5761.11	-1.276e+04	1.167e+04
		-1.346e+04	-1.276e+04	-0.01		24.8	-1369.12	-13.52	225.43	5439.79	-7166.27	-1.346e+04
						49.7	-1369.12	2047.79	225.43	5215.56	-1567.64	1.163e+04
196	85	1.341e+04	-2113.79	-0.01	-1.65	0.0	-1372.91	-2203.97	226.69	5761.85	-1.337e+04	1.341e+04
		-1.430e+04	-1.337e+04	-0.01		24.8	-1372.91	-15.89	226.69	5474.03	-7743.60	-1.430e+04
						49.7	-1372.91	2249.55	226.69	5283.91	-2113.79	1.326e+04
196	86	1.154e+04	-1639.46	-9.88e-03	-1.48	0.0	-1306.42	-1956.24	214.94	5464.75	-1.232e+04	1.154e+04
		-1.305e+04	-1.232e+04	-0.01		24.8	-1306.42	-12.90	214.94	5170.76	-6977.38	-1.305e+04
						49.7	-1306.42	2004.02	214.94	4969.06	-1639.46	1.151e+04
196	87	1.279e+04	-2029.56	-9.90e-03	-1.58	0.0	-1309.13	-2103.60	215.83	5465.28	-1.275e+04	1.279e+04
		-1.366e+04	-1.275e+04	-0.01		24.8	-1309.13	-14.59	215.83	5195.22	-7389.76	-1.366e+04
						49.7	-1309.13	2148.13	215.83	5017.88	-2029.56	1.267e+04
196	88	1.157e+04	-1625.09	-9.97e-03	-1.49	0.0	-1318.96	-1964.52	217.04	5524.02	-1.241e+04	1.157e+04
		-1.313e+04	-1.241e+04	-0.01		24.8	-1318.96	-13.02	217.04	5224.57	-7015.16	-1.313e+04
						49.7	-1318.96	2012.77	217.04	5018.36	-1625.09	1.153e+04
196	90	1.231e+04	-1859.16	-9.99e-03	-1.54	0.0	-1320.59	-2052.94	217.57	5524.34	-1.267e+04	1.231e+04
		-1.350e+04	-1.267e+04	-0.01		24.8	-1320.59	-14.04	217.57	5239.24	-7262.59	-1.350e+04
						49.7	-1320.59	2099.24	217.57	5047.65	-1859.16	1.223e+04
196	91	1.154e+04	-1639.46	-9.88e-03	-1.48	0.0	-1306.42	-1956.24	214.94	5464.75	-1.232e+04	1.154e+04
		-1.305e+04	-1.232e+04	-0.01		24.8	-1306.42	-12.90	214.94	5170.76	-6977.38	-1.305e+04
						49.7	-1306.42	2004.02	214.94	4969.06	-1639.46	1.151e+04
196	92	1.229e+04	-1873.52	-9.89e-03	-1.54	0.0	-1308.05	-2044.66	215.47	5465.07	-1.258e+04	1.229e+04
		-1.342e+04	-1.258e+04	-0.01		24.8	-1308.05	-13.91	215.47	5185.44	-7224.81	-1.342e+04
						49.7	-1308.05	2090.49	215.47	4998.35	-1873.52	1.221e+04
197	4	1.877e+04	-2781.47	-0.02	-2.41	0.0	-1785.89	-3285.92	95.50	6263.21	-7524.96	1.877e+04
		-2.291e+04	-7524.96	-0.02		24.8	-1785.89	-53.55	95.50	6178.91	-5153.21	-2.291e+04
						49.7	-1785.89	3292.74	95.50	6204.88	-2781.47	1.705e+04
197	5	1.120e+04	-1081.23	-0.01	-1.56	0.0	-1317.85	-2093.96	71.22	4607.76	-4618.80	1.120e+04
		-1.537e+04	-4618.80	-0.01		24.8	-1317.85	-32.74	71.22	4486.28	-2850.02	-1.537e+04
						49.7	-1317.85	2113.17	71.22	4444.86	-1081.23	1.028e+04
197	11	1.782e+04	-2359.96	-0.02	-2.35	0.0	-1827.32	-3188.69	97.70	6419.66	-7212.84	1.782e+04
		-2.264e+04	-7212.84	-0.02		24.8	-1827.32	-51.53	97.70	6299.19	-4786.40	-2.264e+04
						49.7	-1827.32	3202.42	97.70	6291.14	-2359.96	1.622e+04
197	12	1.139e+04	-968.74	-0.01	-1.62	0.0	-1413.17	-2167.51	75.88	4966.27	-4737.60	1.139e+04
		-1.612e+04	-4737.60	-0.01		24.8	-1413.17	-33.97	75.88	4817.49	-2853.17	-1.612e+04
						49.7	-1413.17	2190.42	75.88	4754.69	-968.74	1.045e+04
197	33	1.266e+04	-6859.33	-0.03	-1.78	0.0	-1130.14	-2082.15	48.90	4487.58	-9807.46	1.266e+04
		-1.475e+04	-9807.46	-0.01		24.8	-1130.14	-33.31	48.90	3653.34	-8333.39	-1.475e+04
						49.7	-1130.14	2359.64	48.90	2904.71	-6859.33	1.148e+04
197	35	1.270e+04	-6811.59	-0.03	-1.80	0.0	-1139.44	-2066.05	50.02	4328.48	-9342.24	1.270e+04
		-1.457e+04	-9342.24	-0.01		24.8	-1139.44	-32.76	50.02	3507.03	-8076.91	-1.457e+04
						49.7	-1139.44	2385.82	50.02	2709.25	-6811.59	1.158e+04
197	36	1.172e+04	4862.44	0.03	-1.61	0.0	-1537.36	-2346.98	101.56	4712.82	-124.76	1.172e+04
		-1.712e+04	-124.76	-0.01		24.8	-1537.36	-37.00	101.56	5298.00	2368.84	-1.712e+04
						49.7	-1537.36	2112.00	101.56	6009.13	4862.44	1.080e+04
197	37	1.263e+04	-7698.51	-0.03	-1.78	0.0	-1110.33	-2089.44	41.19	4548.64	-9801.87	1.263e+04
		-1.482e+04	-9801.87	-0.01		24.8	-1110.33	-33.38	41.19	3761.12	-8750.19	-1.482e+04
						49.7	-1110.33	2353.37	41.19	3009.34	-7698.51	1.146e+04
197	38	1.165e+04	3975.53	0.03	-1.59	0.0	-1508.25	-2370.38	92.73	4932.97	-584.39	1.165e+04
		-1.737e+04	-584.39	-0.01		24.8	-1508.25	-37.62	92.73	5552.09	1695.57	-1.737e+04
						49.7	-1508.25	2079.56	92.73	6309.22	3975.53	1.067e+04
197	65	1.283e+04	-8796.42	-0.04	-1.83	0.0	-1061.18	-2033.71	40.90	4436.62	-1.153e+04	1.283e+04
		-1.432e+04	-1.153e+04	-0.01		24.8	-1061.18	-32.65	40.90	3341.41	-1.016e+04	-1.432e+04
						49.7	-1061.18	2404.84	40.90	2333.50	-8796.42	1.160e+04

197	67	1.289e+04	-8731.69	-0.04	-1.86	0.0	-1073.80	-2011.87	42.42	4220.88	-1.090e+04	1.289e+04
		-1.407e+04	-1.090e+04	-0.01		24.8	-1073.80	-31.89	42.42	3143.01	-9816.41	-1.407e+04
						49.7	-1073.80	2440.33	42.42	2068.46	-8731.69	1.174e+04
197	68	1.155e+04	7098.29	0.04	-1.60	0.0	-1613.38	-2392.82	112.30	4742.04	1597.76	1.155e+04
		-1.754e+04	1597.76	-0.01		24.8	-1613.38	-37.64	112.30	5571.57	4348.02	-1.754e+04
						49.7	-1613.38	2069.03	112.30	6543.09	7098.29	1.068e+04
197	69	1.279e+04	-9934.35	-0.04	-1.82	0.0	-1034.32	-2043.60	30.45	4519.41	-1.152e+04	1.279e+04
		-1.440e+04	-1.152e+04	-0.01		24.8	-1034.32	-32.73	30.45	3487.56	-1.073e+04	-1.440e+04
						49.7	-1034.32	2396.34	30.45	2475.38	-9934.35	1.157e+04
197	70	1.146e+04	5895.63	0.04	-1.57	0.0	-1573.89	-2424.55	100.33	5040.57	974.50	1.146e+04
		-1.787e+04	974.50	-0.01		24.8	-1573.89	-38.48	100.33	5916.12	3435.06	-1.787e+04
						49.7	-1573.89	2025.04	100.33	6950.01	5895.63	1.051e+04
197	79	1.148e+04	-1174.52	-0.01	-1.58	0.0	-1319.69	-2128.87	71.29	4615.53	-4715.63	1.148e+04
		-1.554e+04	-4715.63	-0.01		24.8	-1319.69	-33.43	71.29	4499.35	-2945.08	-1.554e+04
						49.7	-1319.69	2146.72	71.29	4463.47	-1174.52	1.052e+04
197	82	1.386e+04	-1948.72	-0.01	-1.80	0.0	-1365.33	-2451.19	73.13	4785.70	-5580.84	1.386e+04
		-1.723e+04	-5580.84	-0.01		24.8	-1365.33	-39.70	73.13	4710.47	-3764.78	-1.723e+04
						49.7	-1365.33	2459.02	73.13	4719.31	-1948.72	1.261e+04
197	83	1.160e+04	-1099.53	-0.01	-1.62	0.0	-1383.24	-2177.91	74.40	4854.53	-4794.83	1.160e+04
		-1.604e+04	-4794.83	-0.01		24.8	-1383.24	-34.25	74.40	4720.16	-2947.18	-1.604e+04
						49.7	-1383.24	2198.22	74.40	4670.02	-1099.53	1.063e+04
197	85	1.323e+04	-1667.71	-0.01	-1.76	0.0	-1392.94	-2386.37	74.59	4890.00	-5372.75	1.323e+04
		-1.705e+04	-5372.75	-0.01		24.8	-1392.94	-38.35	74.59	4790.66	-3520.23	-1.705e+04
						49.7	-1392.94	2398.81	74.59	4776.82	-1667.71	1.206e+04
197	86	1.148e+04	-1174.52	-0.01	-1.58	0.0	-1319.69	-2128.87	71.29	4615.53	-4715.63	1.148e+04
		-1.554e+04	-4715.63	-0.01		24.8	-1319.69	-33.43	71.29	4499.35	-2945.08	-1.554e+04
						49.7	-1319.69	2146.72	71.29	4463.47	-1174.52	1.052e+04
197	87	1.264e+04	-1580.37	-0.01	-1.68	0.0	-1326.62	-2277.77	71.43	4640.86	-5128.44	1.264e+04
		-1.626e+04	-5128.44	-0.01		24.8	-1326.62	-36.36	71.43	4549.71	-3354.40	-1.626e+04
						49.7	-1326.62	2290.00	71.43	4539.75	-1580.37	1.154e+04
197	88	1.150e+04	-1159.53	-0.01	-1.59	0.0	-1332.40	-2138.68	71.91	4663.33	-4731.47	1.150e+04
		-1.564e+04	-4731.47	-0.01		24.8	-1332.40	-33.59	71.91	4543.51	-2945.50	-1.564e+04
						49.7	-1332.40	2157.02	71.91	4504.78	-1159.53	1.054e+04
197	90	1.220e+04	-1403.03	-0.01	-1.65	0.0	-1336.56	-2228.02	72.00	4678.53	-4979.15	1.220e+04
		-1.607e+04	-4979.15	-0.01		24.8	-1336.56	-35.35	72.00	4573.73	-3191.09	-1.607e+04
						49.7	-1336.56	2242.99	72.00	4550.55	-1403.03	1.115e+04
197	91	1.148e+04	-1174.52	-0.01	-1.58	0.0	-1319.69	-2128.87	71.29	4615.53	-4715.63	1.148e+04
		-1.554e+04	-4715.63	-0.01		24.8	-1319.69	-33.43	71.29	4499.35	-2945.08	-1.554e+04
						49.7	-1319.69	2146.72	71.29	4463.47	-1174.52	1.052e+04
197	92	1.217e+04	-1418.03	-0.01	-1.64	0.0	-1323.85	-2218.21	71.38	4630.73	-4963.31	1.217e+04
		-1.597e+04	-4963.31	-0.01		24.8	-1323.85	-35.19	71.38	4529.56	-3190.67	-1.597e+04
						49.7	-1323.85	2232.69	71.38	4509.24	-1418.03	1.113e+04
198	4	1.791e+04	-2431.40	0.02	-2.60	0.0	-1508.94	-3475.95	63.55	5573.51	-5587.05	1.709e+04
		-2.641e+04	-5587.05	-0.02		24.8	-1508.94	-6.00	63.55	5704.58	-4009.23	-2.641e+04
						49.7	-1508.94	3599.04	63.55	5937.46	-2431.40	1.791e+04
198	5	1.104e+04	-885.81	0.01	-1.70	0.0	-1115.45	-2239.29	44.95	4010.44	-3118.11	1.030e+04
		-1.772e+04	-3118.11	-0.01		24.8	-1115.45	-1.78	44.95	4044.47	-2001.96	-1.772e+04
						49.7	-1115.45	2335.38	44.95	4150.68	-885.81	1.104e+04
198	11	1.717e+04	-2055.42	0.02	-2.55	0.0	-1545.80	-3385.23	63.62	5666.36	-5214.84	1.626e+04
		-2.610e+04	-5214.84	-0.02		24.8	-1545.80	-4.68	63.62	5765.00	-3635.13	-2.610e+04
						49.7	-1545.80	3513.98	63.62	5966.54	-2055.42	1.717e+04
198	12	1.130e+04	-807.07	0.01	-1.77	0.0	-1197.96	-2323.77	47.13	4303.10	-3147.54	1.048e+04
		-1.859e+04	-3147.54	-0.01		24.8	-1197.96	-1.18	47.13	4321.13	-1977.31	-1.859e+04
						49.7	-1197.96	2428.18	47.13	4416.27	-807.07	1.130e+04
198	31	1.225e+04	-7249.32	-0.03	-1.96	0.0	-908.99	-2203.21	34.83	3634.38	-9133.79	1.159e+04
		-1.682e+04	-9133.79	-0.01		24.8	-908.99	-0.54	34.83	3672.14	-8191.56	-1.682e+04
						49.7	-908.99	2620.86	34.83	3016.65	-7249.32	1.225e+04
198	34	1.144e+04	4857.42	0.03	-1.71	0.0	-1330.33	-2521.72	56.98	4488.52	2182.51	1.071e+04
		-1.999e+04	2182.51	-0.01		24.8	-1330.33	-4.89	56.98	4563.07	3519.97	-1.999e+04
						49.7	-1330.33	2293.41	56.98	5477.82	4857.42	1.144e+04
198	35	1.226e+04	-6273.31	-0.03	-1.96	0.0	-924.90	-2197.82	34.97	3617.07	-8412.17	1.161e+04
		-1.678e+04	-8412.17	-0.01		24.8	-924.90	-0.45	34.97	3598.25	-7342.74	-1.678e+04
						49.7	-924.90	2625.08	34.97	2932.99	-6273.31	1.226e+04
198	36	1.161e+04	4817.69	0.03	-1.74	0.0	-1361.17	-2482.32	51.76	4358.70	2149.49	1.082e+04
		-1.957e+04	2149.49	-0.01		24.8	-1361.17	-4.06	51.76	4453.42	3483.59	-1.957e+04
						49.7	-1361.17	2343.36	51.76	5326.21	4817.69	1.161e+04
198	37	1.208e+04	-7209.59	-0.03	-1.92	0.0	-878.14	-2242.61	40.05	3764.21	-9100.77	1.148e+04
		-1.724e+04	-9100.77	-0.01		24.8	-878.14	-1.37	40.05	3781.78	-8155.18	-1.724e+04
						49.7	-878.14	2570.90	40.05	3168.27	-7209.59	1.208e+04
198	38	1.144e+04	3881.41	0.03	-1.70	0.0	-1314.42	-2527.11	56.84	4505.83	1460.89	1.070e+04
		-2.004e+04	1460.89	-0.01		24.8	-1314.42	-4.98	56.84	4636.95	2671.15	-2.004e+04
						49.7	-1314.42	2289.18	56.84	5561.48	3881.41	1.144e+04
198	63	1.239e+04	-9404.32	-0.04	-2.02	0.0	-833.99	-2146.52	30.89	3482.34	-1.115e+04	1.175e+04
		-1.626e+04	-1.115e+04	-0.01		24.8	-833.99	0.23	30.89	3513.56	-1.028e+04	-1.626e+04
						49.7	-833.99	2679.14	30.89	2578.57	-9404.32	1.239e+04
198	66	1.130e+04	7012.42	0.04	-1.69	0.0	-1405.33	-2578.41	60.92	4640.56	4196.81	1.056e+04
		-2.055e+04	4196.81	-9.98e-03		24.8	-1405.33	-5.66	60.92	4721.65	5604.62	-2.055e+04

198	67	1.240e+04	-8080.85	-0.04	-2.02	49.7	-1405.33	2235.12	60.92	5915.91	7012.42	1.130e+04
		-1.620e+04	-1.017e+04	-0.01		0.0	-855.56	-2139.21	31.08	3458.87	-1.017e+04	1.177e+04
198	68	1.153e+04	6958.54	0.04	-1.73	24.8	-855.56	0.36	31.08	3413.37	-9125.21	-1.620e+04
		-1.999e+04	4152.03	-0.01		49.7	-855.56	2684.87	31.08	2465.13	-8080.85	1.240e+04
198	69	1.216e+04	-9350.44	-0.04	-1.96	0.0	-1447.15	-2524.99	53.84	4464.52	4152.03	1.071e+04
		-1.682e+04	-1.110e+04	-0.01		24.8	-1447.15	-4.54	53.84	4572.97	5555.29	-1.999e+04
198	70	1.129e+04	5688.95	0.04	-1.68	49.7	-1447.15	2302.86	53.84	5710.32	6958.54	1.153e+04
		-2.062e+04	3218.29	-9.99e-03		0.0	-792.17	-2199.94	37.97	3658.38	-1.110e+04	1.160e+04
198	79	1.127e+04	-971.55	0.01	-1.73	24.8	-792.17	-0.89	37.97	3662.23	-1.023e+04	-1.682e+04
		-1.791e+04	-3217.68	-0.01		49.7	-792.17	2611.40	37.97	2784.16	-9350.44	1.216e+04
198	82	1.329e+04	-1693.31	0.01	-1.95	0.0	-1383.75	-2585.72	60.74	4664.04	3218.29	1.053e+04
		-1.986e+04	-4087.34	-0.01		24.8	-1383.75	-5.78	60.74	4821.84	4453.62	-2.062e+04
198	83	1.144e+04	-919.06	0.01	-1.77	49.7	-1383.75	2229.39	60.74	6029.35	5688.95	1.129e+04
		-1.850e+04	-3237.31	-0.01		0.0	-1116.72	-2273.83	45.23	4025.79	-3217.68	1.054e+04
198	85	1.280e+04	-1442.67	0.01	-1.91	24.8	-1116.72	-2.04	45.23	4065.66	-2094.61	-1.791e+04
		-1.966e+04	-3839.20	-0.01		49.7	-1116.72	2369.49	45.23	4178.09	-971.55	1.127e+04
198	86	1.127e+04	-971.55	0.01	-1.73	0.0	-1154.01	-2597.45	48.21	4242.21	-4087.34	1.264e+04
		-1.791e+04	-3217.68	-0.01		24.8	-1154.01	-4.10	48.21	4331.01	-2890.33	-1.986e+04
198	87	1.223e+04	-1345.55	0.01	-1.83	49.7	-1154.01	2692.55	48.21	4497.11	-1693.31	1.329e+04
		-1.874e+04	-3647.61	-0.01		0.0	-1171.73	-2330.15	46.68	4220.90	-3237.31	1.066e+04
198	88	1.130e+04	-961.05	0.01	-1.74	24.8	-1171.73	-1.64	46.68	4250.10	-2078.18	-1.850e+04
		-1.803e+04	-3221.61	-0.01		49.7	-1171.73	2431.36	46.68	4355.15	-919.06	1.144e+04
198	90	1.188e+04	-1185.45	0.01	-1.80	0.0	-1178.58	-2536.97	48.26	4304.11	-3839.20	1.209e+04
		-1.852e+04	-3479.56	-0.01		24.8	-1178.58	-3.22	48.26	4371.29	-2640.93	-1.966e+04
198	91	1.127e+04	-971.55	0.01	-1.73	49.7	-1178.58	2635.85	48.26	4516.49	-1442.67	1.280e+04
		-1.791e+04	-3217.68	-0.01		0.0	-1116.72	-2273.83	45.23	4025.79	-3217.68	1.054e+04
198	92	1.185e+04	-1195.95	0.01	-1.79	24.8	-1116.72	-2.04	45.23	4065.66	-2094.61	-1.791e+04
		-1.841e+04	-3475.64	-0.01		49.7	-1116.72	2369.49	45.23	4178.09	-971.55	1.127e+04
199	4	2.781e+04	3904.82	0.02	-2.69	0.0	-1121.62	-2421.56	46.36	4085.22	-3647.61	1.156e+04
		-2.223e+04	-5097.37	-0.02		24.8	-1121.62	-3.17	46.36	4152.23	-2496.58	-1.874e+04
199	7	2.145e+04	2821.09	0.02	-2.07	49.7	-1121.62	2515.56	46.36	4293.34	-1345.55	1.223e+04
		-1.701e+04	-4024.47	-0.01		0.0	-1127.73	-2285.09	45.52	4064.82	-3221.61	1.057e+04
199	9	2.462e+04	4676.78	-0.02	-2.43	24.8	-1127.73	-1.96	45.52	4102.55	-2091.33	-1.803e+04
		-2.056e+04	-3858.00	-0.02		49.7	-1127.73	2381.87	45.52	4213.50	-961.05	1.130e+04
199	15	1.969e+04	335.25	-0.02	-2.00	0.0	-1130.66	-2373.73	46.20	4100.47	-3479.56	1.118e+04
		-1.428e+04	-6501.87	-0.01		24.8	-1130.66	-2.63	46.20	4154.49	-2332.51	-1.852e+04
199	31	1.940e+04	-1724.60	-0.04	-2.03	49.7	-1130.66	2469.51	46.20	4282.65	-1185.45	1.188e+04
		-1.384e+04	-9120.91	-0.01		0.0	-1116.72	-2273.83	45.23	4025.79	-3217.68	1.054e+04
199	34	1.840e+04	8258.44	0.03	-1.75	24.8	-1116.72	-2.04	45.23	4065.66	-2094.61	-1.791e+04
		-1.722e+04	2893.82	-0.01		49.7	-1116.72	2369.49	45.23	4178.09	-971.55	1.127e+04
199	36	1.880e+04	8235.32	0.04	-1.79	0.0	-1119.66	-2362.46	45.91	4061.45	-3475.64	1.115e+04
		-1.668e+04	2784.08	-0.01		24.8	-1119.66	-2.71	45.91	4117.60	-2335.79	-1.841e+04
199	37	1.900e+04	-1701.48	-0.04	-1.97	49.7	-1119.66	2457.13	45.91	4247.24	-1195.95	1.185e+04
		-1.438e+04	-9011.17	-0.01		0.0	-843.12	-3385.21	181.24	5619.06	-5097.37	1.793e+04
199	38	1.842e+04	7335.93	0.03	-1.74	24.8	-843.12	174.23	181.24	5938.58	-596.27	-2.223e+04
		-1.727e+04	1957.77	-0.01		49.7	-843.12	3881.60	181.24	6358.90	3904.82	2.781e+04
199	47	1.997e+04	-708.42	-0.03	-2.04	0.0	-627.04	-2608.61	137.82	4252.68	-4024.47	1.396e+04
		-1.383e+04	-7708.11	-0.02		24.8	-627.04	132.30	137.82	4509.74	-601.69	-1.701e+04
199	63	1.957e+04	-3501.57	-0.04	-2.09	49.7	-627.04	2984.39	137.82	4843.35	2821.09	2.145e+04
		-1.324e+04	-1.126e+04	-0.02		0.0	-884.62	-3018.92	171.83	5402.92	-3858.00	1.516e+04
199	66	1.822e+04	1.004e+04	0.04	-1.72	24.8	-884.62	165.68	171.83	5631.72	409.39	-2.056e+04
						49.7	-884.62	3499.27	171.83	5956.10	4676.78	2.462e+04
						0.0	-604.69	-2180.41	130.85	3455.11	-6501.87	1.224e+04
						24.8	-604.69	128.87	130.85	3993.96	-3083.31	-1.428e+04
						49.7	-604.69	2832.41	130.85	4199.79	335.25	1.969e+04
						0.0	-427.31	-2145.44	147.70	3086.13	-9120.91	1.227e+04
						24.8	-427.31	126.54	147.70	4037.28	-5422.75	-1.384e+04
						49.7	-427.31	2845.86	147.70	3780.16	-1724.60	1.940e+04
						0.0	-849.17	-2479.47	109.21	4921.87	2893.82	1.146e+04
						24.8	-849.17	120.32	109.21	4357.30	5576.13	-1.722e+04
						49.7	-849.17	2491.10	109.21	5143.50	8258.44	1.840e+04
						0.0	-886.41	-2421.71	106.46	4770.41	2784.08	1.163e+04
						24.8	-886.41	122.83	106.46	4234.60	5509.70	-1.668e+04
						49.7	-886.41	2565.94	106.46	5030.88	8235.32	1.880e+04
						0.0	-390.07	-2203.20	150.46	3237.58	-9011.17	1.210e+04
						24.8	-390.07	124.03	150.46	4159.99	-5356.32	-1.438e+04
						49.7	-390.07	2771.02	150.46	3892.78	-1701.48	1.900e+04
						0.0	-831.52	-2483.20	109.74	4892.97	1957.77	1.145e+04
						24.8	-831.52	120.79	109.74	4377.59	4646.85	-1.727e+04
						49.7	-831.52	2489.25	109.74	5218.17	7335.93	1.842e+04
						0.0	-592.74	-2133.40	131.71	3259.71	-7708.11	1.237e+04
						24.8	-592.74	130.81	131.71	3921.57	-4208.26	-1.383e+04
						49.7	-592.74	2890.76	131.71	4106.51	-708.42	1.997e+04
						0.0	-352.22	-2085.98	154.55	2759.37	-1.126e+04	1.241e+04
						24.8	-352.22	127.64	154.55	3980.52	-7380.55	-1.324e+04
						49.7	-352.22	2909.01	154.55	3537.49	-3501.57	1.957e+04
						0.0	-924.26	-2538.93	102.36	5248.62	5032.43	1.131e+04

		-1.782e+04	5032.43	-9.25e-03		24.8	-924.26	119.22	102.36	4414.27	7533.93	-1.782e+04
						49.7	-924.26	2427.95	102.36	5386.17	1.004e+04	1.822e+04
199	68	1.876e+04	1.000e+04	0.04	-1.79	0.0	-974.76	-2460.61	98.63	5043.25	4883.63	1.155e+04
		-1.709e+04	4883.63	-0.01		24.8	-974.76	122.61	98.63	4247.88	7443.85	-1.709e+04
						49.7	-974.76	2529.44	98.63	5233.47	1.000e+04	1.876e+04
199	69	1.904e+04	-3470.22	-0.04	-2.02	0.0	-301.72	-2164.30	158.29	2964.74	-1.111e+04	1.218e+04
		-1.398e+04	-1.111e+04	-0.01		24.8	-301.72	124.25	158.29	4146.71	-7290.47	-1.398e+04
						49.7	-301.72	2807.53	158.29	3690.19	-3470.22	1.904e+04
199	70	1.826e+04	8784.49	0.04	-1.72	0.0	-900.33	-2543.99	103.08	5209.45	3763.15	1.131e+04
		-1.788e+04	3763.15	-9.60e-03		24.8	-900.33	119.85	103.08	4441.77	6273.82	-1.788e+04
						49.7	-900.33	2425.45	103.08	5487.43	8784.49	1.826e+04
199	81	2.055e+04	2980.31	0.02	-1.99	0.0	-631.02	-2503.80	134.52	4165.43	-3701.48	1.322e+04
		-1.648e+04	-3701.48	-0.01		24.8	-631.02	129.16	134.52	4399.65	-360.58	-1.648e+04
						49.7	-631.02	2872.57	134.52	4708.55	2980.31	2.055e+04
199	82	2.078e+04	3085.51	0.02	-2.02	0.0	-648.37	-2532.96	136.92	4251.97	-3715.14	1.331e+04
		-1.673e+04	-3715.14	-0.01		24.8	-648.37	131.64	136.92	4484.16	-314.82	-1.673e+04
						49.7	-648.37	2909.23	136.92	4792.47	3085.51	2.078e+04
199	83	1.866e+04	3600.15	-0.02	-1.85	0.0	-676.04	-2288.76	130.64	4107.87	-2888.90	1.146e+04
		-1.562e+04	-2888.90	-0.01		24.8	-676.04	125.94	130.64	4279.59	355.63	-1.562e+04
						49.7	-676.04	2654.35	130.64	4523.93	3600.15	1.866e+04
199	87	1.937e+04	3185.03	0.02	-1.90	0.0	-636.18	-2367.12	130.19	4050.12	-3281.53	1.225e+04
		-1.580e+04	-3281.53	-0.01		24.8	-636.18	125.07	130.19	4255.11	-48.25	-1.580e+04
						49.7	-636.18	2726.79	130.19	4532.32	3185.03	1.937e+04
199	88	1.828e+04	3431.83	-0.02	-1.81	0.0	-648.28	-2242.11	126.81	3969.42	-2867.04	1.132e+04
		-1.522e+04	-2867.04	-0.01		24.8	-648.28	121.97	126.81	4144.37	282.40	-1.522e+04
						49.7	-648.28	2595.68	126.81	4389.66	3431.83	1.828e+04
199	91	1.819e+04	3389.75	-0.02	-1.80	0.0	-641.34	-2230.45	125.86	3934.81	-2861.57	1.128e+04
		-1.512e+04	-2861.57	-0.01		24.8	-641.34	120.97	125.86	4110.57	264.09	-1.512e+04
						49.7	-641.34	2581.02	125.86	4356.09	3389.75	1.819e+04
199	92	1.890e+04	3266.92	0.02	-1.86	0.0	-638.24	-2312.45	128.46	4004.00	-3113.55	1.186e+04
		-1.553e+04	-3113.55	-0.01		24.8	-638.24	123.43	128.46	4197.29	76.69	-1.553e+04
						49.7	-638.24	2668.48	128.46	4461.83	3266.92	1.890e+04
200	3	4.791e+04	2.138e+04	-0.02	-2.58	0.0	191.58	-3018.05	417.73	6564.45	631.56	2.740e+04
		-6029.08	631.56	-0.02		24.8	191.58	391.34	417.73	7041.54	1.101e+04	-5487.28
						49.7	191.58	3930.89	417.73	7626.27	2.138e+04	4.791e+04
200	4	4.871e+04	2.193e+04	-0.02	-2.62	0.0	189.35	-3059.23	426.90	6697.67	723.01	2.774e+04
		-6110.40	723.01	-0.02		24.8	189.35	399.88	426.90	7175.94	1.133e+04	-5552.07
						49.7	189.35	3992.62	426.90	7763.91	2.193e+04	4.871e+04
200	7	3.732e+04	1.649e+04	-0.02	-2.01	0.0	153.27	-2355.02	323.96	5106.63	403.83	2.140e+04
		-4692.55	403.83	-0.01		24.8	153.27	303.66	323.96	5483.08	8449.42	-4274.64
						49.7	153.27	3062.72	323.96	5943.35	1.649e+04	3.732e+04
200	11	4.803e+04	2.229e+04	-0.02	-2.57	0.0	167.74	-2993.26	427.24	6642.54	1068.94	2.703e+04
		-6022.20	1068.94	-0.02		24.8	167.74	399.93	427.24	7093.68	1.168e+04	-5451.16
						49.7	167.74	3929.68	427.24	7653.24	2.229e+04	4.803e+04
200	12	3.396e+04	1.697e+04	-0.02	-1.81	0.0	84.18	-2080.25	312.86	4745.26	1435.03	1.856e+04
		-4290.09	1435.03	-0.01		24.8	84.18	292.47	312.86	5029.65	9204.94	-3851.89
						49.7	84.18	2770.59	312.86	5390.93	1.697e+04	3.396e+04
200	19	3.562e+04	1.515e+04	-0.02	-1.96	0.0	126.80	-1956.69	345.54	3818.10	-1909.37	1.963e+04
		-3471.80	-1909.37	-0.01		24.8	126.80	303.11	345.54	4397.82	6618.35	-3086.04
						49.7	126.80	2960.41	345.54	5038.35	1.515e+04	3.562e+04
200	31	3.449e+04	1.372e+04	-0.04	-1.99	0.0	304.48	-1928.23	369.51	3172.47	-4589.90	1.934e+04
		-2694.38	-4589.90	-0.01		24.8	304.48	294.33	369.51	4175.53	4563.24	-2254.15
						49.7	304.48	2944.07	369.51	5226.59	1.372e+04	3.449e+04
200	36	3.395e+04	1.866e+04	0.04	-1.74	0.0	-126.20	-2198.89	249.76	5909.85	5633.33	1.875e+04
		-5508.04	5633.33	-9.34e-03		24.8	-126.20	281.88	249.76	5558.71	1.215e+04	-5143.66
						49.7	-126.20	2678.05	249.76	5296.17	1.866e+04	3.395e+04
200	37	3.353e+04	1.346e+04	-0.04	-1.92	0.0	339.51	-1995.11	355.76	3398.20	-3596.99	1.895e+04
		-3058.37	-3596.99	-0.01		24.8	339.51	284.63	355.76	4365.10	4929.21	-2605.34
						49.7	339.51	2846.79	355.76	5395.09	1.346e+04	3.353e+04
200	38	3.310e+04	1.784e+04	0.03	-1.68	0.0	-72.96	-2268.94	239.59	6063.54	6502.86	1.838e+04
		-5955.08	6502.86	-8.77e-03		24.8	-72.96	273.81	239.59	5706.85	1.217e+04	-5584.01
						49.7	-72.96	2581.79	239.59	5464.09	1.784e+04	3.310e+04
200	51	3.629e+04	1.482e+04	-0.03	-2.01	0.0	133.96	-1906.74	360.77	3520.51	-2951.57	1.990e+04
		-3182.94	-2951.57	-0.01		24.8	133.96	310.18	360.77	4197.00	5935.23	-2805.35
						49.7	133.96	3030.90	360.77	4928.95	1.482e+04	3.629e+04
200	63	3.476e+04	1.288e+04	-0.04	-2.05	0.0	374.90	-1868.15	393.27	2645.03	-6586.37	1.952e+04
		-2128.75	-6586.37	-0.02		24.8	374.90	298.28	393.27	3895.58	3148.50	-1677.31
						49.7	374.90	3008.73	393.27	5184.21	1.288e+04	3.476e+04
200	68	3.402e+04	1.958e+04	0.05	-1.73	0.0	-209.09	-2235.16	230.89	6356.92	7276.32	1.871e+04
		-5944.08	7276.32	-8.50e-03		24.8	-209.09	281.39	230.89	5771.18	1.343e+04	-5595.48
						49.7	-209.09	2648.01	230.89	5278.57	1.958e+04	3.402e+04
200	69	3.345e+04	1.253e+04	-0.04	-1.96	0.0	422.41	-1958.84	374.63	2951.13	-5239.98	1.899e+04
		-2622.33	-5239.98	-0.01		24.8	422.41	285.12	374.63	4152.64	3644.76	-2153.52
						49.7	422.41	2876.83	374.63	5412.70	1.253e+04	3.345e+04
200	70	3.287e+04	1.847e+04	0.04	-1.65	0.0	-136.90	-2330.16	217.10	6565.33	8455.41	1.822e+04
		-6550.27	8455.41	-7.73e-03		24.8	-136.90	270.45	217.10	5972.05	1.347e+04	-6192.60
						49.7	-136.90	2517.48	217.10	5506.27	1.847e+04	3.287e+04

200	81	3.605e+04	1.634e+04	-0.02	-1.94	0.0	136.82	-2263.66	316.50	4947.00	622.29	2.050e+04
		-4546.92	622.29	-0.01		24.8	136.82	296.44	316.50	5298.95	8482.59	-4132.25
						49.7	136.82	2956.37	316.50	5731.89	1.634e+04	3.605e+04
200	82	3.659e+04	1.671e+04	-0.02	-1.96	0.0	135.34	-2291.11	322.62	5035.81	683.26	2.073e+04
		-4601.14	683.26	-0.01		24.8	135.34	302.13	322.62	5388.55	8695.41	-4175.44
						49.7	135.34	2997.53	322.62	5823.66	1.671e+04	3.659e+04
200	83	3.382e+04	1.666e+04	-0.02	-1.81	0.0	90.76	-2080.47	309.10	4706.09	1309.76	1.861e+04
		-4278.61	1309.76	-0.01		24.8	90.76	288.98	309.10	4996.66	8986.28	-3850.42
						49.7	90.76	2761.61	309.10	5363.61	1.666e+04	3.382e+04
200	85	3.613e+04	1.695e+04	-0.02	-1.94	0.0	120.92	-2247.13	322.84	4999.06	913.88	2.026e+04
		-4542.33	913.88	-0.01		24.8	120.92	302.17	322.84	5333.70	8931.64	-4108.17
						49.7	120.92	2955.57	322.84	5749.88	1.695e+04	3.613e+04
200	87	3.440e+04	1.614e+04	-0.02	-1.85	0.0	115.28	-2144.62	306.69	4737.73	905.06	1.932e+04
		-4358.55	905.06	-0.01		24.8	115.28	287.02	306.69	5058.20	8521.62	-3948.14
						49.7	115.28	2817.84	306.69	5455.99	1.614e+04	3.440e+04
200	88	3.296e+04	1.608e+04	-0.02	-1.77	0.0	93.14	-2036.55	299.32	4563.99	1212.21	1.824e+04
		-4191.87	1212.21	-0.01		24.8	93.14	279.88	299.32	4853.30	8645.78	-3781.31
						49.7	93.14	2695.76	299.32	5216.80	1.608e+04	3.296e+04
200	90	3.395e+04	1.620e+04	-0.02	-1.82	0.0	106.06	-2107.98	305.21	4689.55	1042.55	1.894e+04
		-4304.89	1042.55	-0.01		24.8	106.06	285.53	305.21	4997.75	8622.36	-3891.78
						49.7	106.06	2778.88	305.21	5382.34	1.620e+04	3.395e+04
200	91	3.275e+04	1.593e+04	-0.02	-1.76	0.0	93.73	-2025.57	296.87	4528.46	1187.83	1.814e+04
		-4170.18	1187.83	-0.01		24.8	93.73	277.60	296.87	4817.46	8560.65	-3764.03
						49.7	93.73	2679.30	296.87	5180.09	1.593e+04	3.275e+04
200	92	3.374e+04	1.606e+04	-0.02	-1.81	0.0	106.66	-2097.00	302.76	4654.03	1018.17	1.885e+04
		-4283.20	1018.17	-0.01		24.8	106.66	283.25	302.76	4961.91	8537.23	-3874.50
						49.7	106.66	2762.42	302.76	5345.63	1.606e+04	3.374e+04
201	4	6.456e+04	5.449e+04	0.02	-2.50	0.0	1346.66	-3034.48	717.36	1.039e+04	1.887e+04	4.873e+04
		1.433e+04	1.887e+04	-0.01		24.8	1346.66	303.66	717.36	1.105e+04	3.668e+04	1.461e+04
						49.7	1346.66	3733.16	717.36	1.186e+04	5.449e+04	6.456e+04
201	5	4.369e+04	3.845e+04	0.01	-1.68	0.0	912.96	-1994.56	495.72	6778.90	1.384e+04	3.237e+04
		9904.38	1.384e+04	-8.37e-03		24.8	912.96	216.38	495.72	7181.39	2.614e+04	1.014e+04
						49.7	912.96	2496.51	495.72	7683.01	3.845e+04	4.369e+04
201	11	6.408e+04	5.496e+04	0.02	-2.47	0.0	1337.44	-2976.70	718.93	1.022e+04	1.925e+04	4.804e+04
		1.438e+04	1.925e+04	-0.01		24.8	1337.44	307.28	718.93	1.085e+04	3.710e+04	1.468e+04
						49.7	1337.44	3685.51	718.93	1.163e+04	5.496e+04	6.408e+04
201	19	4.788e+04	4.199e+04	-0.02	-1.90	0.0	961.45	-1918.77	600.02	5757.41	1.211e+04	3.563e+04
		1.073e+04	1.211e+04	-0.01		24.8	961.45	232.12	600.02	6415.83	2.705e+04	1.097e+04
						49.7	961.45	2808.82	600.02	7161.69	4.199e+04	4.788e+04
201	31	4.632e+04	4.235e+04	-0.04	-1.91	0.0	1111.56	-1917.80	649.04	4914.87	1.008e+04	3.451e+04
		1.175e+04	1.008e+04	-0.01		24.8	1111.56	225.30	649.04	5947.98	2.621e+04	1.201e+04
						49.7	1111.56	2784.65	649.04	7062.10	4.235e+04	4.632e+04
201	36	4.551e+04	3.726e+04	0.04	-1.65	0.0	747.24	-2175.10	399.00	8897.93	1.786e+04	3.396e+04
		8770.06	1.786e+04	-5.89e-03		24.8	747.24	220.37	399.00	8760.30	2.756e+04	8974.04
						49.7	747.24	2514.28	399.00	8738.84	3.726e+04	4.551e+04
201	37	4.498e+04	4.117e+04	-0.03	-1.84	0.0	1142.36	-2001.39	619.39	5317.34	1.000e+04	3.354e+04
		1.157e+04	1.000e+04	-0.01		24.8	1142.36	219.45	619.39	6319.90	2.559e+04	1.182e+04
						49.7	1142.36	2679.63	619.39	7414.47	4.117e+04	4.498e+04
201	38	4.434e+04	3.617e+04	0.03	-1.58	0.0	795.32	-2259.96	378.05	9166.46	1.705e+04	3.311e+04
		8535.23	1.705e+04	-5.26e-03		24.8	795.32	215.56	378.05	9019.74	2.661e+04	8733.76
						49.7	795.32	2410.66	378.05	9004.01	3.617e+04	4.434e+04
201	51	4.882e+04	4.298e+04	-0.02	-1.95	0.0	967.37	-1858.43	632.35	5276.73	1.147e+04	3.630e+04
		1.092e+04	1.147e+04	-0.01		24.8	967.37	236.47	632.35	6015.60	2.722e+04	1.117e+04
						49.7	967.37	2884.25	632.35	6835.96	4.298e+04	4.882e+04
201	63	4.670e+04	4.347e+04	-0.04	-1.97	0.0	1170.93	-1857.12	698.83	4134.25	8706.69	3.478e+04
		1.232e+04	8706.69	-0.01		24.8	1170.93	227.22	698.83	5381.19	2.609e+04	1.258e+04
						49.7	1170.93	2851.47	698.83	6700.92	4.347e+04	4.670e+04
201	68	4.560e+04	3.657e+04	0.05	-1.63	0.0	676.91	-2206.02	359.77	9535.28	1.926e+04	3.403e+04
		8272.12	1.926e+04	-4.91e-03		24.8	676.91	220.53	359.77	9194.69	2.791e+04	8467.43
						49.7	676.91	2484.85	359.77	8974.58	3.657e+04	4.560e+04
201	69	4.488e+04	4.187e+04	-0.04	-1.87	0.0	1212.70	-1970.47	658.62	4680.00	8603.93	3.346e+04
		1.207e+04	8603.93	-0.01		24.8	1212.70	219.28	658.62	5885.51	2.523e+04	1.233e+04
						49.7	1212.70	2709.06	658.62	7178.73	4.187e+04	4.488e+04
201	70	4.402e+04	3.509e+04	0.04	-1.55	0.0	742.10	-2321.09	331.37	9899.41	1.815e+04	3.288e+04
		7953.70	1.815e+04	-4.06e-03		24.8	742.10	214.01	331.37	9546.49	2.662e+04	8141.60
						49.7	742.10	2344.34	331.37	9334.15	3.509e+04	4.402e+04
201	79	4.413e+04	3.867e+04	0.01	-1.70	0.0	921.99	-2020.67	499.59	6871.16	1.387e+04	3.276e+04
		9979.81	1.387e+04	-8.45e-03		24.8	921.99	217.38	499.59	7281.80	2.627e+04	1.021e+04
						49.7	921.99	2524.50	499.59	7792.96	3.867e+04	4.413e+04
201	82	4.864e+04	4.134e+04	0.01	-1.88	0.0	1014.68	-2275.00	542.27	7783.25	1.441e+04	3.659e+04
		1.083e+04	1.441e+04	-9.32e-03		24.8	1014.68	230.76	542.27	8270.07	2.787e+04	1.106e+04
						49.7	1014.68	2806.71	542.27	8871.06	4.134e+04	4.864e+04
201	85	4.832e+04	4.165e+04	0.01	-1.86	0.0	1008.54	-2236.48	543.32	7670.60	1.466e+04	3.614e+04
		1.087e+04	1.466e+04	-9.30e-03		24.8	1008.54	233.17	543.32	8139.03	2.816e+04	1.110e+04
						49.7	1008.54	2774.94	543.32	8719.83	4.165e+04	4.832e+04
201	86	4.413e+04	3.867e+04	0.01	-1.70	0.0	921.99	-2020.67	499.59	6871.16	1.387e+04	3.276e+04
		9979.81	1.387e+04	-8.45e-03		24.8	921.99	217.38	499.59	7281.80	2.627e+04	1.021e+04

201	87	4.599e+04	3.958e+04	0.01	-1.78	49.7	921.99	2524.50	499.59	7792.96	3.867e+04	4.413e+04
		1.029e+04	1.397e+04	-8.79e-03		0.0	960.01	-2133.30	515.60	7265.29	1.397e+04	3.441e+04
						24.8	960.01	221.59	515.60	7712.30	2.678e+04	1.052e+04
201	91	4.413e+04	3.867e+04	0.01	-1.70	49.7	960.01	2645.26	515.60	8265.78	3.958e+04	4.599e+04
		9979.81	1.387e+04	-8.45e-03		0.0	921.99	-2020.67	499.59	6871.16	1.387e+04	3.276e+04
						24.8	921.99	217.38	499.59	7281.80	2.627e+04	1.021e+04
201	92	4.524e+04	3.922e+04	0.01	-1.75	49.7	921.99	2524.50	499.59	7792.96	3.867e+04	4.413e+04
		1.017e+04	1.393e+04	-8.66e-03		0.0	944.80	-2088.25	509.20	7107.64	1.393e+04	3.375e+04
						24.8	944.80	219.91	509.20	7540.10	2.657e+04	1.040e+04
202	3	6.341e+04	9.069e+04	8.64e-03	-2.31	49.7	944.80	2596.95	509.20	8076.66	3.922e+04	4.524e+04
		-6206.31	5.253e+04	-3.06e-03		0.0	2057.90	-4147.14	768.25	2.178e+04	5.253e+04	6.341e+04
						24.8	2057.90	-1078.64	768.25	2.271e+04	7.161e+04	-1566.60
202	4	6.461e+04	9.289e+04	8.95e-03	-2.35	49.7	2057.90	2033.03	768.25	2.391e+04	9.069e+04	1.019e+04
		-6181.05	5.379e+04	-3.12e-03		0.0	2101.25	-4215.64	787.07	2.218e+04	5.379e+04	6.461e+04
						24.8	2101.25	-1097.15	787.07	2.311e+04	7.334e+04	-1458.05
202	5	4.372e+04	6.518e+04	7.23e-03	-1.58	49.7	2101.25	2066.07	787.07	2.433e+04	9.289e+04	1.048e+04
		-3083.26	3.806e+04	-1.94e-03		0.0	1463.69	-2798.75	545.90	1.452e+04	3.806e+04	4.372e+04
						24.8	1463.69	-720.08	545.90	1.510e+04	5.162e+04	-47.02
202	11	6.413e+04	9.358e+04	9.44e-03	-2.32	49.7	1463.69	1394.93	545.90	1.588e+04	6.518e+04	8257.90
		-5594.02	5.428e+04	-3.05e-03		0.0	2105.25	-4154.50	791.12	2.183e+04	5.428e+04	6.413e+04
						24.8	2105.25	-1079.34	791.12	2.274e+04	7.393e+04	-964.03
202	18	4.266e+04	5.741e+04	9.55e-03	-1.48	49.7	2105.25	2043.11	791.12	2.392e+04	9.358e+04	1.091e+04
		-5847.46	3.764e+04	9.12e-04		0.0	1504.02	-3194.88	396.55	1.853e+04	3.764e+04	4.266e+04
						24.8	1504.02	-852.40	396.55	1.897e+04	4.753e+04	-2230.07
202	19	4.792e+04	7.488e+04	-0.01	-1.80	49.7	1504.02	1302.21	396.55	1.964e+04	5.741e+04	5832.76
		-1357.87	4.002e+04	-3.72e-03		0.0	1486.70	-2644.59	704.08	1.211e+04	4.002e+04	4.792e+04
						24.8	1486.70	-658.66	704.08	1.289e+04	5.745e+04	1391.95
202	30	4.319e+04	6.086e+04	5.83e-03	-1.48	49.7	1486.70	1580.75	704.08	1.384e+04	7.488e+04	1.030e+04
		-5521.18	3.711e+04	-1.13e-03		0.0	1560.01	-3164.79	452.20	1.722e+04	3.711e+04	4.319e+04
						24.8	1560.01	-823.90	452.20	1.776e+04	4.898e+04	-2106.78
202	31	4.635e+04	7.997e+04	-0.03	-1.80	49.7	1560.01	1288.04	452.20	1.852e+04	6.086e+04	6600.97
		-2736.53	3.945e+04	-4.67e-03		0.0	1609.12	-2755.06	818.19	1.161e+04	3.945e+04	4.635e+04
						24.8	1609.12	-686.39	818.19	1.272e+04	5.971e+04	592.82
202	36	4.554e+04	5.585e+04	0.03	-1.56	49.7	1609.12	1647.04	818.19	1.399e+04	7.997e+04	1.079e+04
		-3246.29	3.888e+04	9.42e-04		0.0	1353.80	-2940.34	346.98	1.763e+04	3.888e+04	4.554e+04
						24.8	1353.80	-776.50	346.98	1.778e+04	4.737e+04	-407.78
202	37	4.501e+04	7.733e+04	-0.03	-1.72	49.7	1353.80	1309.00	346.98	1.814e+04	5.585e+04	6272.96
		-3952.31	3.869e+04	-4.00e-03		0.0	1646.88	-2896.67	772.65	1.277e+04	3.869e+04	4.501e+04
						24.8	1646.88	-730.78	772.65	1.388e+04	5.801e+04	-392.03
202	50	4.173e+04	5.415e+04	0.01	-1.42	49.7	1646.88	1584.18	772.65	1.515e+04	7.733e+04	9990.02
		-6647.83	3.723e+04	1.76e-03		0.0	1505.33	-3293.27	338.43	1.972e+04	3.723e+04	4.173e+04
						24.8	1505.33	-887.55	338.43	2.009e+04	4.569e+04	-2881.61
202	51	4.886e+04	7.783e+04	-0.02	-1.85	49.7	1505.33	1250.81	338.43	2.071e+04	5.415e+04	5014.34
		-559.89	4.046e+04	-4.38e-03		0.0	1481.85	-2547.08	755.43	1.100e+04	4.046e+04	4.886e+04
						24.8	1481.85	-624.85	755.43	1.185e+04	5.915e+04	2029.85
202	62	4.245e+04	5.882e+04	5.40e-03	-1.42	49.7	1481.85	1628.51	755.43	1.284e+04	7.783e+04	1.107e+04
		-6205.37	3.651e+04	-8.51e-04		0.0	1581.25	-3252.47	413.89	1.794e+04	3.651e+04	4.245e+04
						24.8	1581.25	-848.91	413.89	1.844e+04	4.766e+04	-2714.43
202	63	4.673e+04	8.473e+04	-0.04	-1.86	49.7	1581.25	1231.60	413.89	1.918e+04	5.882e+04	6056.10
		-2429.38	3.969e+04	-5.72e-03		0.0	1647.85	-2696.87	910.17	1.033e+04	3.969e+04	4.673e+04
						24.8	1647.85	-662.45	910.17	1.161e+04	6.221e+04	946.23
202	68	4.563e+04	5.203e+04	0.04	-1.53	49.7	1647.85	1718.40	910.17	1.304e+04	8.473e+04	1.174e+04
		-3120.61	3.891e+04	1.79e-03		0.0	1301.64	-2948.11	271.21	1.850e+04	3.891e+04	4.563e+04
						24.8	1301.64	-784.64	271.21	1.847e+04	4.547e+04	-410.58
202	69	4.491e+04	8.115e+04	-0.04	-1.75	49.7	1301.64	1260.02	271.21	1.868e+04	5.203e+04	5611.34
		-4077.98	3.866e+04	-4.77e-03		0.0	1699.04	-2888.90	848.41	1.191e+04	3.866e+04	4.491e+04
						24.8	1699.04	-722.65	848.41	1.318e+04	5.990e+04	-389.23
202	79	4.416e+04	6.559e+04	7.17e-03	-1.60	49.7	1699.04	1633.16	848.41	1.462e+04	8.115e+04	1.065e+04
		-3224.78	3.827e+04	-1.98e-03		0.0	1474.11	-2832.08	549.97	1.471e+04	3.827e+04	4.416e+04
						24.8	1474.11	-729.44	549.97	1.531e+04	5.193e+04	-142.92
202	81	4.788e+04	6.893e+04	6.75e-03	-1.74	49.7	1474.11	1409.25	549.97	1.609e+04	6.559e+04	8224.17
		-4473.17	3.999e+04	-2.28e-03		0.0	1561.54	-3120.15	582.79	1.635e+04	3.999e+04	4.788e+04
						24.8	1561.54	-810.12	582.79	1.704e+04	5.446e+04	-999.52
202	82	4.867e+04	7.040e+04	6.96e-03	-1.77	49.7	1561.54	1533.70	582.79	1.794e+04	6.893e+04	7915.23
		-4456.32	4.083e+04	-2.32e-03		0.0	1590.43	-3165.81	595.33	1.662e+04	4.083e+04	4.867e+04
						24.8	1590.43	-822.45	595.33	1.731e+04	5.561e+04	-927.15
202	85	4.835e+04	7.086e+04	7.29e-03	-1.75	49.7	1590.43	1555.73	595.33	1.822e+04	7.040e+04	8105.89
		-4064.97	4.115e+04	-2.27e-03		0.0	1593.10	-3125.06	598.03	1.639e+04	4.115e+04	4.835e+04
						24.8	1593.10	-810.58	598.03	1.706e+04	5.600e+04	-597.81
202	86	4.416e+04	6.559e+04	7.17e-03	-1.60	49.7	1593.10	1540.43	598.03	1.795e+04	7.086e+04	8389.23
		-3224.78	3.827e+04	-1.98e-03		0.0	1474.11	-2832.08	549.97	1.471e+04	3.827e+04	4.416e+04
						24.8	1474.11	-729.44	549.97	1.531e+04	5.193e+04	-142.92
202	87	4.602e+04	6.726e+04	6.96e-03	-1.67	49.7	1474.11	1409.25	549.97	1.609e+04	6.559e+04	8224.17
		-3848.97	3.913e+04	-2.13e-03		0.0	1517.82	-2976.12	566.38	1.553e+04	3.913e+04	4.602e+04
						24.8	1517.82	-769.78	566.38	1.617e+04	5.319e+04	-571.22
202	91	4.416e+04	6.559e+04	7.17e-03	-1.60	49.7	1517.82	1471.48	566.38	1.702e+04	6.726e+04	8069.70
						0.0	1474.11	-2832.08	549.97	1.471e+04	3.827e+04	4.416e+04

		-3224.78	3.827e+04	-1.98e-03		24.8	1474.11	-729.44	549.97	1.531e+04	5.193e+04	-142.92
						49.7	1474.11	1409.25	549.97	1.609e+04	6.559e+04	8224.17
202	92	4.527e+04	6.659e+04	7.05e-03	-1.64	0.0	1500.34	-2918.50	559.81	1.520e+04	3.878e+04	4.527e+04
		-3599.30	3.878e+04	-2.07e-03		24.8	1500.34	-753.64	559.81	1.583e+04	5.269e+04	-399.90
						49.7	1500.34	1446.59	559.81	1.665e+04	6.659e+04	8131.49
208	3	-3.450e+04	3377.65	1.68e-03	-2.22	0.0	-4941.49	-1340.35	12.57	87.91	2887.41	-7.716e+04
		-8.429e+04	2887.41	-2.52e-03		19.5	-4941.49	1093.24	12.57	222.95	3132.53	-7.956e+04
						39.0	-4941.49	3530.10	12.57	359.36	3377.65	-3.450e+04
208	4	-3.460e+04	3320.85	1.81e-03	-2.26	0.0	-4996.38	-1356.10	11.73	35.43	2863.57	-7.840e+04
		-8.557e+04	2863.57	-2.52e-03		19.5	-4996.38	1122.17	11.73	171.23	3092.21	-8.067e+04
						39.0	-4996.38	3604.76	11.73	308.09	3320.85	-3.460e+04
208	5	-2.140e+04	1005.31	1.45e-03	-1.49	0.0	-3340.06	-883.25	8.65	-351.10	668.14	-5.029e+04
		-5.494e+04	668.14	-1.33e-03		19.5	-3340.06	740.02	8.65	-270.81	836.73	-5.168e+04
						39.0	-3340.06	2367.90	8.65	-192.19	1005.31	-2.140e+04
208	12	-2.161e+04	891.73	1.94e-03	-1.57	0.0	-3449.84	-914.75	6.96	-456.06	620.47	-5.277e+04
		-5.751e+04	620.47	-1.34e-03		19.5	-3449.84	797.88	6.96	-374.24	756.10	-5.391e+04
						39.0	-3449.84	2517.21	6.96	-294.74	891.73	-2.161e+04
208	36	-2.757e+04	7994.78	0.05	-1.45	0.0	-4205.40	-1055.35	67.58	854.18	5336.04	-5.892e+04
		-6.469e+04	5336.04	-4.31e-03		19.5	-4205.40	759.72	67.58	1350.45	6665.41	-6.135e+04
						39.0	-4205.40	2300.23	67.58	1856.74	7994.78	-4.530e+04
208	37	-1.841e+04	-3041.91	-0.05	-1.73	0.0	-2759.34	-802.49	-49.74	-1299.70	-3041.91	-4.726e+04
		-5.133e+04	-5004.91	1.28e-03		19.5	-2759.34	782.48	-49.74	-1621.18	-4023.41	-4.789e+04
						39.0	-2759.34	2649.90	-49.74	-1954.35	-5004.91	-1.841e+04
208	39	-1.507e+04	-2348.19	-0.05	-1.73	0.0	-2860.90	-763.04	-53.60	-1133.99	-2348.19	-4.530e+04
		-4.899e+04	-4249.83	1.37e-03		19.5	-2860.90	803.91	-53.60	-1435.09	-3299.01	-4.520e+04
						39.0	-2860.90	2656.63	-53.60	-1752.82	-4249.83	-1.507e+04
208	42	-3.091e+04	7239.70	0.05	-1.45	0.0	-4103.85	-1094.80	71.44	688.47	4642.33	-6.088e+04
		-6.712e+04	4642.33	-4.41e-03		19.5	-4103.85	738.30	71.44	1164.36	5941.01	-6.405e+04
						39.0	-4103.85	2293.50	71.44	1655.20	7239.70	-3.091e+04
208	68	-2.920e+04	1.031e+04	0.07	-1.42	0.0	-4462.80	-1100.36	88.47	1237.56	6827.31	-6.099e+04
		-6.709e+04	6827.31	-5.30e-03		19.5	-4462.80	755.68	88.47	1879.39	8568.01	-6.375e+04
						39.0	-4462.80	2238.00	88.47	2535.11	1.031e+04	-2.920e+04
208	69	-1.678e+04	-4533.18	-0.07	-1.79	0.0	-2501.95	-757.47	-70.63	-1683.08	-4533.18	-4.519e+04
		-4.896e+04	-7318.85	2.27e-03		19.5	-2501.95	786.53	-70.63	-2150.12	-5926.01	-4.550e+04
						39.0	-2501.95	2712.14	-70.63	-2632.72	-7318.85	-1.678e+04
208	71	-1.225e+04	-3592.50	-0.07	-1.79	0.0	-2639.65	-703.99	-75.85	-1458.39	-3592.50	-4.252e+04
		-4.579e+04	-6294.96	2.40e-03		19.5	-2639.65	815.59	-75.85	-1897.78	-4943.73	-4.185e+04
						39.0	-2639.65	2721.27	-75.85	-2359.44	-6294.96	-1.225e+04
208	74	-3.373e+04	9284.83	0.07	-1.41	0.0	-4325.09	-1153.85	93.69	1012.87	5886.64	-6.366e+04
		-7.039e+04	5886.64	-5.43e-03		19.5	-4325.09	726.62	93.69	1627.06	7585.73	-6.740e+04
						39.0	-4325.09	2228.86	93.69	2261.83	9284.83	-3.373e+04
208	79	-2.187e+04	1145.08	1.41e-03	-1.51	0.0	-3381.59	-896.66	8.66	-315.04	807.33	-5.111e+04
		-5.584e+04	807.33	-1.38e-03		19.5	-3381.59	748.99	8.66	-232.95	976.20	-5.255e+04
						39.0	-3381.59	2399.01	8.66	-152.30	1145.08	-2.187e+04
208	81	-2.560e+04	2311.26	1.31e-03	-1.67	0.0	-3717.52	-1004.18	9.52	-7.44	1939.79	-5.771e+04
		-6.304e+04	1939.79	-1.83e-03		19.5	-3717.52	822.71	9.52	92.33	2125.53	-5.947e+04
						39.0	-3717.52	2652.53	9.52	192.67	2311.26	-2.560e+04
208	82	-2.567e+04	2273.40	1.40e-03	-1.69	0.0	-3754.11	-1014.68	8.96	-42.42	1923.90	-5.853e+04
		-6.390e+04	1923.90	-1.83e-03		19.5	-3754.11	842.00	8.96	57.85	2098.65	-6.021e+04
						39.0	-3754.11	2702.30	8.96	158.49	2273.40	-2.567e+04
208	83	-2.201e+04	1069.36	1.71e-03	-1.57	0.0	-3454.78	-917.66	7.53	-385.01	775.54	-5.277e+04
		-5.755e+04	775.54	-1.39e-03		19.5	-3454.78	787.56	7.53	-301.90	922.45	-5.403e+04
						39.0	-3454.78	2498.55	7.53	-220.66	1069.36	-2.201e+04
208	86	-2.187e+04	1145.08	1.41e-03	-1.51	0.0	-3381.59	-896.66	8.66	-315.04	807.33	-5.111e+04
		-5.584e+04	807.33	-1.38e-03		19.5	-3381.59	748.99	8.66	-232.95	976.20	-5.255e+04
						39.0	-3381.59	2399.01	8.66	-152.30	1145.08	-2.187e+04
208	87	-2.374e+04	1728.17	1.34e-03	-1.59	0.0	-3549.56	-950.42	9.09	-161.24	1373.56	-5.441e+04
		-5.944e+04	1373.56	-1.61e-03		19.5	-3549.56	785.85	9.09	-70.31	1550.87	-5.601e+04
						39.0	-3549.56	2525.77	9.09	20.19	1728.17	-2.374e+04
208	88	-2.190e+04	1129.94	1.47e-03	-1.52	0.0	-3396.23	-900.86	8.44	-329.03	800.97	-5.144e+04
		-5.618e+04	800.97	-1.38e-03		19.5	-3396.23	756.70	8.44	-246.74	965.45	-5.284e+04
						39.0	-3396.23	2418.92	8.44	-165.97	1129.94	-2.190e+04
208	91	-2.187e+04	1145.08	1.41e-03	-1.51	0.0	-3381.59	-896.66	8.66	-315.04	807.33	-5.111e+04
		-5.584e+04	807.33	-1.38e-03		19.5	-3381.59	748.99	8.66	-232.95	976.20	-5.255e+04
						39.0	-3381.59	2399.01	8.66	-152.30	1145.08	-2.187e+04
208	92	-2.299e+04	1494.93	1.36e-03	-1.56	0.0	-3482.37	-928.92	8.92	-222.76	1147.07	-5.309e+04
		-5.800e+04	1147.07	-1.52e-03		19.5	-3482.37	771.10	8.92	-135.36	1321.00	-5.462e+04
						39.0	-3482.37	2475.07	8.92	-48.81	1494.93	-2.299e+04
213	4	2.263e+04	-4.428e+04	1.58e-03	-2.33	0.0	-741.83	-3298.64	-1122.87	2449.24	-4.428e+04	2.263e+04
		-1.893e+04	-9.537e+04	0.01		22.8	-741.83	-322.68	-1122.87	2799.88	-6.982e+04	-1.854e+04
						45.5	-741.83	2643.94	-1122.87	3185.39	-9.537e+04	7875.49
213	5	1.547e+04	-3.111e+04	7.52e-04	-1.59	0.0	-487.12	-2250.71	-737.00	1806.63	-3.111e+04	1.547e+04
		-1.298e+04	-6.465e+04	6.98e-03		22.8	-487.12	-226.31	-737.00	2076.17	-4.788e+04	-1.269e+04
						45.5	-487.12	1793.55	-737.00	2371.56	-6.465e+04	5136.10
213	15	1.660e+04	-3.584e+04	4.14e-03	-1.88	0.0	-770.15	-2049.19	-1032.45	598.11	-3.584e+04	1.660e+04
		-9918.66	-8.273e+04	8.17e-03		22.8	-770.15	-209.17	-1032.45	1089.38	-5.929e+04	-9581.39
						45.5	-770.15	2151.91	-1032.45	1589.57	-8.273e+04	7003.48

213	31	1.757e+04-3.833e+04 -8387.31-7.979e+04	6.47e-03 6.34e-03	-1.86	0.0 22.8 45.5	-807.88 -807.88 -807.88	-2061.85 -191.44 2092.59	-913.09 -913.09 -913.09	28.50-3.833e+04 350.14-5.906e+04 674.57-7.979e+04	1.757e+04 -8150.68 8555.83
213	34	1.437e+04-2.521e+04 -1.838e+04-5.381e+04	-8.27e-03 8.07e-03	-1.48	0.0 22.8 45.5	-209.49 -209.49 -209.49	-2588.10 -271.74 1620.23	-626.51 -626.51 -626.51	3627.13-2.521e+04 3839.60-3.951e+04 4101.46-5.381e+04	1.437e+04 -1.804e+04 2227.11
213	35	1.776e+04-3.720e+04 -8718.34-7.919e+04	6.75e-03 6.72e-03	-1.85	0.0 22.8 45.5	-785.52 -785.52 -785.52	-2081.26 -187.36 2077.72	-913.56 -913.56 -913.56	-110.27-3.720e+04 199.68-5.820e+04 510.50-7.919e+04	1.776e+04 -8489.73 8915.80
213	47	1.683e+04-3.729e+04 -8685.73-8.841e+04	5.93e-03 8.52e-03	-1.97	0.0 22.8 45.5	-863.24 -863.24 -863.24	-1951.01 -201.19 2257.10	-1125.96 -1125.96 -1125.96	160.34-3.729e+04 731.43-6.285e+04 1305.32-8.841e+04	1.683e+04 -8330.65 7577.34
213	63	1.814e+04-4.067e+04 -6609.22-8.442e+04	9.09e-03 6.04e-03	-1.94	0.0 22.8 45.5	-914.40 -914.40 -914.40	-1968.18 -177.15 2176.67	-964.11 -964.11 -964.11	-612.05-4.067e+04 -270.99-6.254e+04 64.59-8.442e+04	1.814e+04 -6390.61 9682.35
213	66	1.380e+04-2.288e+04 -2.015e+04-4.918e+04	-0.01 8.38e-03	-1.43	0.0 22.8 45.5	-102.98 -102.98 -102.98	-2681.78 -286.04 1536.15	-575.50 -575.50 -575.50	4267.68-2.288e+04 4460.73-3.603e+04 4711.44-4.918e+04	1.380e+04 -1.980e+04 1100.59
213	67	1.839e+04-3.914e+04 -7058.10-8.360e+04	9.48e-03 6.55e-03	-1.92	0.0 22.8 45.5	-884.08 -884.08 -884.08	-1994.50 -171.62 2156.51	-964.74 -964.74 -964.74	-800.23-3.914e+04 -475.00-6.372e+04 -157.89-8.360e+04	1.839e+04 -6850.37 1.017e+04
213	79	1.561e+04-3.130e+04 -1.309e+04-6.526e+04	7.91e-04 7.05e-03	-1.61	0.0 22.8 45.5	-493.28 -493.28 -493.28	-2271.42 -227.80 1811.07	-746.32 -746.32 -746.32	1813.12-3.130e+04 2081.48-4.828e+04 2375.77-6.526e+04	1.561e+04 -1.281e+04 5205.41
213	82	1.707e+04-3.356e+04 -1.429e+04-7.187e+04	1.13e-03 7.75e-03	-1.76	0.0 22.8 45.5	-556.21 -556.21 -556.21	-2488.14 -244.50 1992.42	-841.88 -841.88 -841.88	1870.25-3.356e+04 2140.57-5.272e+04 2437.56-7.187e+04	1.707e+04 -1.399e+04 5898.17
213	86	1.561e+04-3.130e+04 -1.309e+04-6.526e+04	7.91e-04 7.05e-03	-1.61	0.0 22.8 45.5	-493.28 -493.28 -493.28	-2271.42 -227.80 1811.07	-746.32 -746.32 -746.32	1813.12-3.130e+04 2081.48-4.828e+04 2375.77-6.526e+04	1.561e+04 -1.281e+04 5205.41
213	87	1.621e+04-3.209e+04 -1.357e+04-6.782e+04	9.71e-04 7.31e-03	-1.67	0.0 22.8 45.5	-518.96 -518.96 -518.96	-2360.68 -234.13 1886.64	-785.46 -785.46 -785.46	1837.61-3.209e+04 2103.80-4.995e+04 2396.18-6.782e+04	1.621e+04 -1.329e+04 5515.51
213	91	1.561e+04-3.130e+04 -1.309e+04-6.526e+04	7.91e-04 7.05e-03	-1.61	0.0 22.8 45.5	-493.28 -493.28 -493.28	-2271.42 -227.80 1811.07	-746.32 -746.32 -746.32	1813.12-3.130e+04 2081.48-4.828e+04 2375.77-6.526e+04	1.561e+04 -1.281e+04 5205.41
213	92	1.597e+04-3.177e+04 -1.338e+04-6.680e+04	8.99e-04 7.21e-03	-1.65	0.0 22.8 45.5	-508.69 -508.69 -508.69	-2324.98 -231.59 1856.41	-769.80 -769.80 -769.80	1827.82-3.177e+04 2094.87-4.929e+04 2388.02-6.680e+04	1.597e+04 -1.309e+04 5391.47
214	4	2.263e+04-1.764e+04 -9646.17-4.990e+04	1.99e-03 0.02	-2.11	0.0 22.8 45.5	-1354.59 -1354.59 -1354.59	-2608.80 79.10 2756.90	-708.89 -708.89 -708.89	-560.13-1.764e+04 -255.22-3.177e+04 46.82-4.990e+04	1.911e+04 -9646.17 2.263e+04
214	5	1.547e+04-1.343e+04 -6242.02-3.485e+04	1.01e-03 0.01	-1.45	0.0 22.8 45.5	-880.75 -880.75 -880.75	-1778.95 44.70 1863.24	-470.89 -470.89 -470.89	-403.12-1.343e+04 -168.78-2.414e+04 63.67-3.485e+04	1.347e+04 -6242.02 1.547e+04
214	7	1.729e+04-1.322e+04 -7396.66-3.773e+04	1.61e-03 0.01	-1.61	0.0 22.8 45.5	-1036.08 -1036.08 -1036.08	-1992.44 61.50 2107.29	-538.51 -538.51 -538.51	-394.13-1.322e+04 -166.11-2.547e+04 60.05-3.773e+04	1.455e+04 -7396.66 1.729e+04
214	11	2.247e+04-1.812e+04 -9467.55-5.021e+04	1.79e-03 0.02	-2.10	0.0 22.8 45.5	-1334.37 -1334.37 -1334.37	-2589.51 75.27 2730.98	-705.33 -705.33 -705.33	-609.50-1.812e+04 -293.63-3.417e+04 18.94-5.021e+04	1.911e+04 -9467.55 2.247e+04
214	15	1.660e+04-1.134e+04 -3489.57-4.121e+04	3.37e-03 0.01	-1.68	0.0 22.8 45.5	-1246.79 -1246.79 -1246.79	-1625.62 56.57 2168.93	-655.48 -655.48 -655.48	-1210.66-1.134e+04 -759.16-2.628e+04 -319.30-4.121e+04	1.449e+04 -3489.57 1.660e+04
214	18	1.534e+04-1.541e+04 -9638.18-3.011e+04	-5.71e-03 0.01	-1.32	0.0 22.8 45.5	-601.10 -601.10 -601.10	-2050.64 42.13 1692.85	-324.12 -324.12 -324.12	409.41-1.541e+04 421.91-2.276e+04 442.27-3.011e+04	1.305e+04 -9638.18 1.534e+04
214	24	1.631e+04-8156.62 -6065.16-3.615e+04	6.60e-03 0.02	-1.60	0.0 22.8 45.5	-1034.05 -1034.05 -1034.05	-1716.48 54.74 2058.71	-602.63 -602.63 -602.63	-881.79-8156.62 -462.71-2.215e+04 -53.67-3.615e+04	1.385e+04 -6065.16 1.631e+04
214	31	1.757e+04-1.532e+04 -3169.32-4.259e+04	5.45e-03 0.01	-1.63	0.0 22.8 45.5	-1227.59 -1227.59 -1227.59	-1693.61 54.38 2104.34	-599.79 -599.79 -599.79	-1339.30-1.532e+04 -1032.97-2.895e+04 -739.45-4.259e+04	1.547e+04 -3169.32 1.757e+04
214	34	1.437e+04-1.143e+04 -9958.42-2.873e+04	-7.79e-03 0.01	-1.39	0.0 22.8 45.5	-620.30 -620.30 -620.30	-1982.65 44.33 1757.45	-379.81 -379.81 -379.81	538.05-1.143e+04 695.72-2.008e+04 862.42-2.873e+04	1.207e+04 -9958.42 1.437e+04
214	35	1.776e+04-1.487e+04 -3452.98-4.211e+04	5.79e-03 0.01	-1.62	0.0 22.8 45.5	-1204.67 -1204.67 -1204.67	-1704.89 54.39 2091.45	-595.86 -595.86 -595.86	-1378.25-1.487e+04 -1079.96-2.849e+04 -795.59-4.211e+04	1.557e+04 -3452.98 1.776e+04
214	47	1.683e+04-1.061e+04 -2395.11-4.319e+04	4.98e-03 0.02	-1.74	0.0 22.8 45.5	-1361.72 -1361.72 -1361.72	-1549.97 59.15 2253.67	-714.46 -714.46 -714.46	-1499.03-1.061e+04 -969.39-2.690e+04 -454.86-4.319e+04	1.474e+04 -2395.11 1.683e+04
214	50	1.512e+04-1.613e+04 -1.073e+04-2.813e+04	-7.32e-03 0.01	-1.27	0.0 22.8 45.5	-486.16 -486.16 -486.16	-2126.29 39.56 1608.11	-265.14 -265.14 -265.14	697.78-1.613e+04 632.15-2.213e+04 577.83-2.813e+04	1.280e+04 -1.073e+04 1.512e+04
214	56	1.643e+04-6298.95 -5887.62-3.632e+04	8.53e-03 0.02	-1.64	0.0 22.8	-1073.24 -1073.24	-1673.17 56.65	-642.79 -642.79	-1053.09-6298.95 -567.40-2.131e+04	1.388e+04 -5887.62

					45.5	-1073.24	2104.22	-642.79	-94.67	-3.632e+04	1.643e+04
214	63	1.814e+04 -1.601e+04 -1960.87 -4.506e+04	7.81e-03 0.01	-1.68	0.0	-1335.69	-1642.16	-638.95	-1673.47	-1.601e+04	1.607e+04
					22.8	-1335.69	56.17	-638.95	-1340.68	-3.053e+04	-1960.87
					45.5	-1335.69	2166.08	-638.95	-1024.58	-4.506e+04	1.814e+04
214	66	1.380e+04 -1.074e+04 -1.117e+04 -2.627e+04	-0.01 0.01	-1.36	0.0	-512.20	-2034.09	-340.65	872.22	-1.074e+04	1.147e+04
					22.8	-512.20	42.54	-340.65	1003.43	-1.850e+04	-1.117e+04
					45.5	-512.20	1695.70	-340.65	1147.55	-2.627e+04	1.380e+04
214	67	1.840e+04 -1.540e+04 -2345.51 -4.441e+04	8.27e-03 0.01	-1.67	0.0	-1304.61	-1657.46	-633.62	-1726.28	-1.540e+04	1.621e+04
					22.8	-1304.61	56.18	-633.62	-1404.40	-2.990e+04	-2345.51
					45.5	-1304.61	2148.61	-633.62	-1100.71	-4.441e+04	1.840e+04
214	79	1.561e+04 -1.342e+04 -6332.94 -3.509e+04	1.05e-03 0.01	-1.46	0.0	-892.88	-1795.43	-476.28	-402.42	-1.342e+04	1.355e+04
					22.8	-892.88	45.99	-476.28	-169.16	-2.425e+04	-6332.94
					45.5	-892.88	1882.08	-476.28	62.21	-3.509e+04	1.561e+04
214	81	1.682e+04 -1.328e+04 -7102.71 -3.700e+04	1.45e-03 0.01	-1.57	0.0	-996.43	-1937.76	-521.36	-396.43	-1.328e+04	1.427e+04
					22.8	-996.43	57.19	-521.36	-167.38	-2.514e+04	-7102.71
					45.5	-996.43	2044.78	-521.36	59.80	-3.700e+04	1.682e+04
214	82	1.707e+04 -1.356e+04 -7214.56 -3.779e+04	1.44e-03 0.01	-1.59	0.0	-1014.02	-1967.60	-532.51	-427.54	-1.356e+04	1.449e+04
					22.8	-1014.02	58.00	-532.51	-192.45	-2.567e+04	-7214.56
					45.5	-1014.02	2076.31	-532.51	40.48	-3.779e+04	1.707e+04
214	85	1.697e+04 -1.388e+04 -7095.48 -3.800e+04	1.30e-03 0.01	-1.58	0.0	-1000.55	-1954.75	-530.13	-460.46	-1.388e+04	1.449e+04
					22.8	-1000.55	55.45	-530.13	-218.06	-2.594e+04	-7095.48
					45.5	-1000.55	2059.04	-530.13	21.90	-3.800e+04	1.697e+04
214	86	1.561e+04 -1.342e+04 -6332.94 -3.509e+04	1.05e-03 0.01	-1.46	0.0	-892.88	-1795.43	-476.28	-402.42	-1.342e+04	1.355e+04
					22.8	-892.88	45.99	-476.28	-169.16	-2.425e+04	-6332.94
					45.5	-892.88	1882.08	-476.28	62.21	-3.509e+04	1.561e+04
214	87	1.621e+04 -1.335e+04 -6717.83 -3.604e+04	1.25e-03 0.01	-1.52	0.0	-944.65	-1866.59	-498.82	-399.43	-1.335e+04	1.391e+04
					22.8	-944.65	51.59	-498.82	-168.27	-2.470e+04	-6717.83
					45.5	-944.65	1963.43	-498.82	61.00	-3.604e+04	1.621e+04
214	91	1.561e+04 -1.342e+04 -6332.94 -3.509e+04	1.05e-03 0.01	-1.46	0.0	-892.88	-1795.43	-476.28	-402.42	-1.342e+04	1.355e+04
					22.8	-892.88	45.99	-476.28	-169.16	-2.425e+04	-6332.94
					45.5	-892.88	1882.08	-476.28	62.21	-3.509e+04	1.561e+04
214	92	1.597e+04 -1.337e+04 -6563.87 -3.566e+04	1.17e-03 0.01	-1.49	0.0	-923.94	-1838.13	-489.80	-400.63	-1.337e+04	1.377e+04
					22.8	-923.94	49.35	-489.80	-168.62	-2.452e+04	-6563.87
					45.5	-923.94	1930.89	-489.80	61.49	-3.566e+04	1.597e+04
215	4	1.910e+04 9584.65 -4.111e+04 -2.204e+04	5.80e-03 0.03	-2.11	0.0	-2154.78	-2738.19	-567.99	-1765.74	9584.65	-9188.86
					27.8	-2154.78	513.80	-567.99	-1367.23	-6225.39	-4.002e+04
					55.7	-2154.78	3731.59	-567.99	-991.15	-2.204e+04	1.910e+04
215	5	1.347e+04 5282.90 -2.708e+04 -1.641e+04	3.35e-03 0.02	-1.44	0.0	-1403.68	-1859.05	-389.76	-1409.11	5282.90	-5317.48
					27.8	-1403.68	340.71	-389.76	-1101.76	-5566.03	-2.637e+04
					55.7	-1403.68	2520.80	-389.76	-812.48	-1.641e+04	1.347e+04
215	11	1.911e+04 9168.90 -4.049e+04 -2.253e+04	5.47e-03 0.03	-2.09	0.0	-2119.69	-2713.94	-569.34	-1877.24	9168.90	-8823.87
					27.8	-2119.69	507.01	-569.34	-1463.07	-6678.69	-3.942e+04
					55.7	-2119.69	3695.74	-569.34	-1072.89	-2.253e+04	1.911e+04
215	15	1.448e+04 1.191e+04 -2.421e+04 -1.544e+04	3.11e-03 0.02	-1.63	0.0	-1792.84	-1702.40	-491.81	-1880.99	1.191e+04	-4736.55
					27.8	-1792.84	375.03	-491.81	-1306.84	-1766.75	-2.343e+04
					55.7	-1792.84	2859.83	-491.81	-1070.46	-1.544e+04	1.448e+04
215	18	1.305e+04 -167.68 -3.240e+04 -1.747e+04	-7.86e-03 0.02	-1.34	0.0	-1151.53	-2145.41	-310.36	-870.92	-167.68	-6889.44
					27.8	-1151.53	335.50	-310.36	-837.41	-8818.21	-3.170e+04
					55.7	-1151.53	2365.72	-310.36	-501.30	-1.747e+04	1.305e+04
215	25	1.369e+04 124.01 -3.057e+04 -2.086e+04	-5.59e-03 0.02	-1.36	0.0	-1260.69	-2074.51	-371.21	-1145.62	124.01	-6324.65
					27.8	-1260.69	342.38	-371.21	-1068.75	-1.037e+04	-2.977e+04
					55.7	-1260.69	2421.53	-371.21	-795.34	-2.086e+04	1.369e+04
215	27	1.467e+04 1.214e+04 -2.518e+04 -1.352e+04	6.49e-03 0.02	-1.61	0.0	-1743.51	-1745.44	-465.17	-1858.35	1.214e+04	-4997.06
					27.8	-1743.51	381.16	-465.17	-1314.87	-689.85	-2.445e+04
					55.7	-1743.51	2829.59	-465.17	-1007.55	-1.352e+04	1.467e+04
215	35	1.556e+04 8455.59 -2.587e+04 -1.838e+04	3.37e-03 0.02	-1.55	0.0	-1659.71	-1822.07	-481.63	-1942.01	8455.59	-5052.56
					27.8	-1659.71	387.20	-481.63	-1540.91	-4963.31	-2.503e+04
					55.7	-1659.71	2715.32	-481.63	-1230.14	-1.838e+04	1.556e+04
215	47	1.473e+04 1.406e+04 -2.275e+04 -1.508e+04	3.60e-03 0.02	-1.69	0.0	-1907.00	-1623.54	-524.11	-2060.78	1.406e+04	-4353.32
					27.8	-1907.00	382.06	-524.11	-1390.39	-511.59	-2.196e+04
					55.7	-1907.00	2947.78	-524.11	-1171.77	-1.508e+04	1.473e+04
215	50	1.280e+04 -2317.73 -3.386e+04 -1.783e+04	-9.35e-03 0.02	-1.29	0.0	-1037.37	-2224.26	-278.06	-691.12	-2317.73	-7272.67
					27.8	-1037.37	328.47	-278.06	-753.85	-1.007e+04	-3.317e+04
					55.7	-1037.37	2277.77	-278.06	-399.99	-1.783e+04	1.280e+04
215	57	1.366e+04 -1922.20 -3.137e+04 -2.243e+04	-6.28e-03 0.01	-1.32	0.0	-1185.39	-2128.13	-360.58	-1063.62	-1922.20	-6506.79
					27.8	-1185.39	337.79	-360.58	-1067.54	-1.218e+04	-3.056e+04
					55.7	-1185.39	2353.44	-360.58	-798.71	-2.243e+04	1.366e+04
215	59	1.499e+04 1.438e+04 -2.407e+04 -1.248e+04	7.49e-03 0.02	-1.66	0.0	-1840.11	-1681.91	-487.99	-2030.09	1.438e+04	-4706.60
					27.8	-1840.11	390.37	-487.99	-1401.29	948.69	-2.334e+04
					55.7	-1840.11	2906.77	-487.99	-1086.47	-1.248e+04	1.499e+04
215	67	1.619e+04 9375.41 -2.500e+04 -1.907e+04	5.51e-03 0.02	-1.58	0.0	-1726.47	-1785.82	-510.30	-2143.52	9375.41	-4781.84
					27.8	-1726.47	398.57	-510.30	-1707.80	-4846.13	-2.413e+04
					55.7	-1726.47	2751.83	-510.30	-1388.30	-1.907e+04	1.619e+04
215	79	1.355e+04 5448.43 -2.743e+04 -1.643e+04	3.44e-03 0.02	-1.45	0.0	-1422.77	-1877.11	-393.02	-1400.08	5448.43	-5455.51
					27.8	-1422.77	344.74	-393.02	-1094.20	-5491.19	-2.671e+04
					55.7	-1422.77	2546.38	-393.02	-806.27	-1.643e+04	1.355e+04
215	82	1.449e+04 7005.88 -2.407e+04 -1.248e+04	4.26e-03 0.02	-1.59	0.0	-1613.50	-2063.70	-428.89	-1369.86	7005.88	-6761.29

			-3.084e+04	-1.687e+04	0.02			27.8	-1613.50	385.81	-428.89	-1062.42	-4932.31	-3.002e+04
								55.7	-1613.50	2810.19	-428.89	-772.41	-1.687e+04	1.449e+04
215	85	1.449e+04	6728.71	4.04e-03	-1.58			0.0	-1590.10	-2047.54	-429.79	-1444.19	6728.71	-6517.96
			-3.042e+04	-1.720e+04	0.02			27.8	-1590.10	381.28	-429.79	-1126.31	-5234.51	-2.962e+04
								55.7	-1590.10	2786.29	-429.79	-826.91	-1.720e+04	1.449e+04
215	86	1.355e+04	5448.43	3.44e-03	-1.45			0.0	-1422.77	-1877.11	-393.02	-1400.08	5448.43	-5455.51
			-2.743e+04	-1.643e+04	0.02			27.8	-1422.77	344.74	-393.02	-1094.20	-5491.19	-2.671e+04
								55.7	-1422.77	2546.38	-393.02	-806.27	-1.643e+04	1.355e+04
215	87	1.391e+04	6154.05	3.84e-03	-1.51			0.0	-1505.13	-1955.10	-406.47	-1359.87	6154.05	-6051.32
			-2.890e+04	-1.647e+04	0.02			27.8	-1505.13	362.28	-406.47	-1057.41	-5160.01	-2.814e+04
								55.7	-1505.13	2657.04	-406.47	-772.29	-1.647e+04	1.391e+04
215	90	1.385e+04	5930.28	3.69e-03	-1.49			0.0	-1482.59	-1936.15	-404.68	-1396.04	5930.28	-5858.66
			-2.850e+04	-1.660e+04	0.02			27.8	-1482.59	357.66	-404.68	-1088.85	-5333.88	-2.775e+04
								55.7	-1482.59	2629.77	-404.68	-799.52	-1.660e+04	1.385e+04
215	91	1.355e+04	5448.43	3.44e-03	-1.45			0.0	-1422.77	-1877.11	-393.02	-1400.08	5448.43	-5455.51
			-2.743e+04	-1.643e+04	0.02			27.8	-1422.77	344.74	-393.02	-1094.20	-5491.19	-2.671e+04
								55.7	-1422.77	2546.38	-393.02	-806.27	-1.643e+04	1.355e+04
215	92	1.377e+04	5871.80	3.68e-03	-1.48			0.0	-1472.18	-1923.90	-401.09	-1375.95	5871.80	-5813.00
			-2.831e+04	-1.646e+04	0.02			27.8	-1472.18	355.26	-401.09	-1072.12	-5292.48	-2.756e+04
								55.7	-1472.18	2612.77	-401.09	-785.88	-1.646e+04	1.377e+04
216	4	5481.41	4.323e+04	-0.02	-2.18			0.0	-2082.46	-3576.77	-662.29	-2680.09	4.323e+04	5481.41
			-4.760e+04	6369.31	0.02			27.8	-2082.46	-246.42	-662.29	-2227.13	2.480e+04	-4.745e+04
								55.7	-2082.46	2985.38	-662.29	-1809.80	6369.31	-9152.56
216	5	4375.06	2.924e+04	-0.01	-1.48			0.0	-1354.57	-2406.54	-472.87	-2276.75	2.924e+04	4375.06
			-3.131e+04	2921.21	0.02			27.8	-1354.57	-163.40	-472.87	-1922.14	1.608e+04	-3.122e+04
								55.7	-1354.57	2018.10	-472.87	-1598.27	2921.21	-5294.32
216	9	5914.10	4.068e+04	-0.01	-2.02			0.0	-1874.96	-3308.62	-651.53	-3109.24	4.068e+04	5914.10
			-4.319e+04	4420.33	0.02			27.8	-1874.96	-227.46	-651.53	-2623.14	2.255e+04	-4.306e+04
								55.7	-1874.96	2768.47	-651.53	-2179.00	4420.33	-7540.62
216	15	5678.80	3.803e+04	0.01	-1.69			0.0	-1604.76	-2248.14	-487.09	-2404.45	3.803e+04	5678.80
			-2.949e+04	9224.85	0.02			27.8	-1604.76	-124.21	-487.09	-2285.93	2.363e+04	-2.942e+04
								55.7	-1604.76	2287.78	-487.09	-2212.48	9224.85	-4711.52
216	18	2911.81	2.245e+04	-0.01	-1.37			0.0	-1238.87	-2747.31	-473.74	-1969.35	2.245e+04	2911.81
			-3.599e+04	-2230.32	0.02			27.8	-1238.87	-216.14	-473.74	-1390.02	1.011e+04	-3.588e+04
								55.7	-1238.87	1895.63	-473.74	-824.41	-2230.32	-6865.49
216	24	4300.42	3.384e+04	0.02	-1.65			0.0	-1680.85	-2301.61	-428.90	-2061.37	3.384e+04	4300.42
			-3.008e+04	9277.74	0.02			27.8	-1680.85	-167.28	-428.90	-1920.84	2.156e+04	-3.003e+04
								55.7	-1680.85	2246.22	-428.90	-1840.62	9277.74	-5280.92
216	25	4290.19	2.663e+04	-0.02	-1.41			0.0	-1162.77	-2693.83	-531.94	-2312.43	2.663e+04	4290.19
			-3.541e+04	-2283.21	0.02			27.8	-1162.77	-173.08	-531.94	-1755.10	1.217e+04	-3.527e+04
								55.7	-1162.77	1937.20	-531.94	-1196.27	-2283.21	-6296.10
216	30	3503.20	2.409e+04	-0.01	-1.39			0.0	-1201.88	-2706.80	-492.24	-2001.31	2.409e+04	3503.20
			-3.583e+04	-2727.63	0.02			27.8	-1201.88	-195.91	-492.24	-1464.40	1.068e+04	-3.577e+04
								55.7	-1201.88	1906.01	-492.24	-920.85	-2727.63	-6604.03
216	31	6169.17	3.691e+04	-0.02	-1.62			0.0	-1406.61	-2402.73	-553.40	-2748.11	3.691e+04	6169.17
			-3.101e+04	5745.91	0.02			27.8	-1406.61	-115.46	-553.40	-2431.42	2.133e+04	-3.078e+04
								55.7	-1406.61	2205.13	-553.40	-2156.85	5745.91	-4952.72
216	47	6171.37	4.080e+04	0.01	-1.74			0.0	-1669.89	-2159.28	-489.47	-2481.90	4.080e+04	6171.37
			-2.834e+04	1.126e+04	0.02			27.8	-1669.89	-107.84	-489.47	-2445.40	2.603e+04	-2.827e+04
								55.7	-1669.89	2357.58	-489.47	-2459.56	1.126e+04	-4328.08
216	50	2419.25	1.968e+04	-0.01	-1.32			0.0	-1173.74	-2836.16	-471.37	-1891.90	1.968e+04	2419.25
			-3.715e+04	-4269.34	0.02			27.8	-1173.74	-232.51	-471.37	-1230.55	7703.05	-3.703e+04
								55.7	-1173.74	1825.83	-471.37	-577.33	-4269.34	-7248.94
216	56	4302.24	3.513e+04	0.02	-1.69			0.0	-1773.07	-2231.80	-410.55	-2016.69	3.513e+04	4302.24
			-2.913e+04	1.134e+04	0.02			27.8	-1773.07	-166.24	-410.55	-1950.34	2.323e+04	-2.910e+04
								55.7	-1773.07	2301.23	-410.55	-1955.32	1.134e+04	-5100.26
216	57	4288.38	2.535e+04	-0.02	-1.37			0.0	-1070.55	-2763.64	-550.28	-2357.12	2.535e+04	4288.38
			-3.636e+04	-4341.07	0.02			27.8	-1070.55	-174.11	-550.28	-1725.60	1.050e+04	-3.620e+04
								55.7	-1070.55	1882.19	-550.28	-1081.57	-4341.07	-6476.75
216	62	3221.22	2.190e+04	-0.01	-1.34			0.0	-1123.59	-2781.24	-496.45	-1935.24	2.190e+04	3221.22
			-3.693e+04	-4943.69	0.02			27.8	-1123.59	-205.07	-496.45	-1331.42	8478.33	-3.688e+04
								55.7	-1123.59	1839.90	-496.45	-708.10	-4943.69	-6894.30
216	63	6836.27	3.928e+04	-0.02	-1.65			0.0	-1401.20	-2368.91	-579.38	-2947.90	3.928e+04	6836.27
			-3.040e+04	6546.42	0.02			27.8	-1401.20	-95.98	-579.38	-2642.68	2.291e+04	-3.012e+04
								55.7	-1401.20	2245.51	-579.38	-2384.12	6546.42	-4655.18
216	79	4354.45	2.953e+04	-0.01	-1.49			0.0	-1373.20	-2431.92	-475.10	-2252.12	2.953e+04	4354.45
			-3.170e+04	3082.22	0.02			27.8	-1373.20	-165.32	-475.10	-1899.54	1.630e+04	-3.161e+04
								55.7	-1373.20	2038.53	-475.10	-1577.35	3082.22	-5431.98
216	82	4248.61	3.257e+04	-0.01	-1.64			0.0	-1558.98	-2691.85	-503.39	-2103.43	3.257e+04	4248.61
			-3.569e+04	4549.82	0.02			27.8	-1558.98	-185.05	-503.39	-1753.09	1.856e+04	-3.558e+04
								55.7	-1558.98	2248.43	-503.39	-1430.80	4549.82	-6734.20
216	83	4537.07	3.087e+04	-0.01	-1.54			0.0	-1420.65	-2513.08	-496.22	-2389.53	3.087e+04	4537.07
			-3.275e+04	3250.50	0.02			27.8	-1420.65	-172.41	-496.22	-2017.09	1.706e+04	-3.265e+04
								55.7	-1420.65	2103.83	-496.22	-1676.93	3250.50	-5659.57
216	86	4354.45	2.953e+04	-0.01	-1.49			0.0	-1373.20	-2431.92	-475.10	-2252.12	2.953e+04	4354.45
			-3.170e+04	3082.22	0.02			27.8	-1373.20	-165.32	-475.10	-1899.54	1.630e+04	-3.161e+04
								55.7	-1373.20	2038.53	-475.10	-1577.35	3082.22	-5431.98

216	87	4255.88	3.071e+04	-0.01	-1.56	0.0	-1454.22	-2541.59	-483.96	-2143.42	3.071e+04	4255.88
		-3.344e+04	3773.95	0.02		27.8	-1454.22	-173.41	-483.96	-1796.93	1.724e+04	-3.334e+04
						55.7	-1454.22	2127.16	-483.96	-1479.18	3773.95	-6026.19
216	88	4390.98	2.980e+04	-0.01	-1.50	0.0	-1382.69	-2448.15	-479.32	-2279.60	2.980e+04	4390.98
		-3.191e+04	3115.88	0.02		27.8	-1382.69	-166.74	-479.32	-1923.05	1.646e+04	-3.182e+04
						55.7	-1382.69	2051.59	-479.32	-1597.26	3115.88	-5477.50
216	91	4354.45	2.953e+04	-0.01	-1.49	0.0	-1373.20	-2431.92	-475.10	-2252.12	2.953e+04	4354.45
		-3.170e+04	3082.22	0.02		27.8	-1373.20	-165.32	-475.10	-1899.54	1.630e+04	-3.161e+04
						55.7	-1373.20	2038.53	-475.10	-1577.35	3082.22	-5431.98
216	92	4295.31	3.024e+04	-0.01	-1.53	0.0	-1421.81	-2497.72	-480.42	-2186.90	3.024e+04	4295.31
		-3.274e+04	3497.26	0.02		27.8	-1421.81	-170.18	-480.42	-1837.97	1.687e+04	-3.265e+04
						55.7	-1421.81	2091.71	-480.42	-1518.45	3497.26	-5788.51
217	4	4.238e+04	8.903e+04	-0.02	-2.42	0.0	250.82	-4337.75	-868.42	-5195.86	8.903e+04	4.238e+04
		-2.793e+04	4.068e+04	0.01		27.8	250.82	-638.01	-868.42	-4600.15	6.485e+04	-2.650e+04
						55.7	250.82	2913.61	-868.42	-4079.94	4.068e+04	5486.18
217	5	2.782e+04	6.293e+04	-0.02	-1.64	0.0	195.50	-2886.31	-643.00	-4305.26	6.293e+04	2.782e+04
		-1.864e+04	2.714e+04	0.01		27.8	195.50	-405.39	-643.00	-3831.78	4.504e+04	-1.776e+04
						55.7	195.50	1981.70	-643.00	-3421.18	2.714e+04	4377.74
217	7	3.246e+04	6.719e+04	-0.02	-1.85	0.0	185.19	-3323.13	-651.39	-3820.94	6.719e+04	3.246e+04
		-2.144e+04	3.093e+04	0.01		27.8	185.19	-490.63	-651.39	-3379.78	4.906e+04	-2.033e+04
						55.7	185.19	2227.51	-651.39	-2994.09	3.093e+04	4083.08
217	9	3.849e+04	8.691e+04	-0.02	-2.24	0.0	269.39	-3972.38	-882.03	-5847.71	8.691e+04	3.849e+04
		-2.555e+04	3.781e+04	0.01		27.8	269.39	-563.44	-882.03	-5200.05	6.236e+04	-2.431e+04
						55.7	269.39	2715.90	-882.03	-4637.74	3.781e+04	5917.83
217	11	4.174e+04	8.989e+04	-0.02	-2.39	0.0	262.18	-4278.16	-887.90	-5508.68	8.989e+04	4.174e+04
		-2.751e+04	4.046e+04	0.01		27.8	262.18	-623.11	-887.90	-4883.65	6.517e+04	-2.612e+04
						55.7	262.18	2887.96	-887.90	-4338.77	4.046e+04	5711.57
217	15	3.528e+04	7.199e+04	-0.02	-1.87	0.0	215.68	-2687.48	-636.03	-5114.47	7.199e+04	3.528e+04
		-1.776e+04	3.640e+04	8.91e-03		27.8	215.68	-340.96	-636.03	-4862.96	5.420e+04	-1.687e+04
						55.7	215.68	2237.79	-636.03	-4692.08	3.640e+04	5679.67
217	18	2.293e+04	5.629e+04	0.02	-1.52	0.0	170.08	-3327.06	-655.18	-3229.13	5.629e+04	2.293e+04
		-2.107e+04	2.000e+04	0.01		27.8	170.08	-517.03	-655.18	-2552.78	3.814e+04	-2.007e+04
						55.7	170.08	1861.76	-655.18	-1917.53	2.000e+04	2916.89
217	31	3.457e+04	7.591e+04	-0.03	-1.84	0.0	386.73	-2828.86	-736.69	-5522.45	7.591e+04	3.457e+04
		-1.521e+04	3.486e+04	7.88e-03		27.8	386.73	-357.16	-736.69	-5056.64	5.538e+04	-1.403e+04
						55.7	386.73	2236.52	-736.69	-4674.44	3.486e+04	6166.52
217	36	2.605e+04	5.458e+04	0.04	-1.64	0.0	-49.36	-3019.61	-516.99	-3099.31	5.458e+04	2.605e+04
		-2.304e+04	2.528e+04	0.01		27.8	-49.36	-463.83	-516.99	-2768.16	3.993e+04	-2.232e+04
						55.7	-49.36	1952.92	-516.99	-2484.86	2.528e+04	2846.38
217	37	3.216e+04	7.370e+04	-0.04	-1.75	0.0	435.12	-2994.94	-774.22	-5244.29	7.370e+04	3.216e+04
		-1.588e+04	3.112e+04	7.96e-03		27.8	435.12	-394.16	-774.22	-4647.58	5.241e+04	-1.462e+04
						55.7	435.12	2146.63	-774.22	-4124.75	3.112e+04	5750.18
217	38	2.421e+04	5.301e+04	0.03	-1.55	0.0	24.10	-3176.20	-567.72	-2897.36	5.301e+04	2.421e+04
		-2.409e+04	2.188e+04	0.01		27.8	24.10	-494.01	-567.72	-2444.85	3.744e+04	-2.331e+04
						55.7	24.10	1860.16	-567.72	-2029.26	2.188e+04	2554.97
217	47	3.748e+04	7.478e+04	-0.02	-1.93	0.0	223.80	-2573.64	-632.62	-5450.06	7.478e+04	3.748e+04
		-1.717e+04	3.932e+04	8.44e-03		27.8	223.80	-309.63	-632.62	-5274.17	5.705e+04	-1.630e+04
						55.7	223.80	2304.73	-632.62	-5185.95	3.932e+04	6171.50
217	50	2.073e+04	5.350e+04	0.02	-1.46	0.0	161.96	-3440.91	-658.59	-2893.54	5.350e+04	2.073e+04
		-2.166e+04	1.708e+04	0.01		27.8	161.96	-548.37	-658.59	-2141.57	3.529e+04	-2.064e+04
						55.7	161.96	1794.82	-658.59	-1423.66	1.708e+04	2425.05
217	63	3.652e+04	8.010e+04	-0.04	-1.89	0.0	455.75	-2765.35	-769.12	-6003.28	8.010e+04	3.652e+04
		-1.377e+04	3.723e+04	7.05e-03		27.8	455.75	-331.58	-769.12	-5536.80	5.867e+04	-1.245e+04
						55.7	455.75	2303.01	-769.12	-5162.02	3.723e+04	6831.62
217	68	2.496e+04	5.118e+04	0.04	-1.62	0.0	-135.60	-3024.00	-471.21	-2717.51	5.118e+04	2.496e+04
		-2.434e+04	2.424e+04	0.01		27.8	-135.60	-476.23	-471.21	-2433.63	3.771e+04	-2.370e+04
						55.7	-135.60	1918.44	-471.21	-2192.96	2.424e+04	2329.51
217	69	3.325e+04	7.710e+04	-0.04	-1.77	0.0	521.36	-2990.55	-820.01	-5626.09	7.710e+04	3.325e+04
		-1.468e+04	3.216e+04	7.16e-03		27.8	521.36	-381.76	-820.01	-4982.12	5.463e+04	-1.324e+04
						55.7	521.36	2181.11	-820.01	-4416.65	3.216e+04	6267.04
217	70	2.247e+04	4.904e+04	0.04	-1.50	0.0	-35.98	-3236.34	-539.99	-2443.66	4.904e+04	2.247e+04
		-2.575e+04	1.963e+04	0.01		27.8	-35.98	-517.15	-539.99	-1995.21	3.434e+04	-2.504e+04
						55.7	-35.98	1792.65	-539.99	-1575.16	1.963e+04	1934.36
217	79	2.818e+04	6.329e+04	-0.02	-1.65	0.0	194.94	-2919.91	-643.93	-4268.66	6.329e+04	2.818e+04
		-1.886e+04	2.744e+04	0.01		27.8	194.94	-411.95	-643.93	-3798.27	4.536e+04	-1.796e+04
						55.7	194.94	2000.61	-643.93	-3390.22	2.744e+04	4357.21
217	81	3.127e+04	6.613e+04	-0.02	-1.80	0.0	188.07	-3211.12	-649.52	-3945.78	6.613e+04	3.127e+04
		-2.072e+04	2.997e+04	0.01		27.8	188.07	-468.78	-649.52	-3496.94	4.805e+04	-1.967e+04
						55.7	188.07	2164.48	-649.52	-3105.49	2.997e+04	4160.77
217	82	3.177e+04	6.755e+04	-0.02	-1.82	0.0	193.58	-3258.76	-664.18	-4057.46	6.755e+04	3.177e+04
		-2.099e+04	3.058e+04	0.01		27.8	193.58	-475.89	-664.18	-3595.54	4.907e+04	-1.993e+04
						55.7	193.58	2196.55	-664.18	-3192.63	3.058e+04	4252.10
217	83	2.918e+04	6.614e+04	-0.02	-1.70	0.0	205.96	-3015.18	-673.25	-4492.03	6.614e+04	2.918e+04
		-1.940e+04	2.866e+04	0.01		27.8	205.96	-426.17	-673.25	-3995.47	4.740e+04	-1.847e+04
						55.7	205.96	2064.74	-673.25	-3564.50	2.866e+04	4539.87
217	85	3.134e+04	6.813e+04	-0.02	-1.80	0.0	201.15	-3219.03	-677.17	-4266.01	6.813e+04	3.134e+04
		-2.071e+04	3.043e+04	0.01		27.8	201.15	-465.96	-677.17	-3784.54	4.928e+04	-1.967e+04

217	86	2.818e+04	6.329e+04	-0.02	-1.65	55.7	201.15	2179.45	-677.17	-3365.19	3.043e+04	4402.36
		-1.886e+04	2.744e+04	0.01		0.0	194.94	-2919.91	-643.93	-4268.66	6.329e+04	2.818e+04
217	87	2.973e+04	6.471e+04	-0.02	-1.72	27.8	194.94	-411.95	-643.93	-3798.27	4.536e+04	-1.796e+04
		-1.979e+04	2.870e+04	0.01		55.7	194.94	2000.61	-643.93	-3390.22	2.744e+04	4357.21
217	88	2.838e+04	6.386e+04	-0.02	-1.66	0.0	191.50	-3065.52	-646.72	-4107.22	6.471e+04	2.973e+04
		-1.897e+04	2.768e+04	0.01		27.8	191.50	-440.36	-646.72	-3647.61	4.671e+04	-1.881e+04
217	90	2.931e+04	6.471e+04	-0.02	-1.71	55.7	191.50	2082.55	-646.72	-3247.86	2.870e+04	4258.99
		-1.952e+04	2.844e+04	0.01		0.0	197.15	-2938.96	-649.79	-4313.34	6.386e+04	2.838e+04
217	91	2.818e+04	6.329e+04	-0.02	-1.65	27.8	197.15	-414.79	-649.79	-3837.71	4.577e+04	-1.806e+04
		-1.886e+04	2.744e+04	0.01		55.7	197.15	2013.44	-649.79	-3425.08	2.768e+04	4393.74
217	92	2.911e+04	6.414e+04	-0.02	-1.70	0.0	195.08	-3026.33	-651.47	-4216.47	6.471e+04	2.931e+04
		-1.941e+04	2.820e+04	0.01		27.8	195.08	-431.84	-651.47	-3747.31	4.658e+04	-1.857e+04
228	4	4998.62	-5164.85	-0.04	-4.93	55.7	195.08	2062.60	-651.47	-3339.66	2.844e+04	4334.81
		-9.655e+04	-7589.68	-5.11e-03		0.0	194.94	-2919.91	-643.93	-4268.66	6.329e+04	2.818e+04
228	5	2738.08	-3540.85	-0.03	-3.27	27.8	194.94	-411.95	-643.93	-3798.27	4.536e+04	-1.796e+04
		-6.440e+04	-5200.65	-3.52e-03		55.7	194.94	2000.61	-643.93	-3390.22	2.744e+04	4357.21
228	11	4791.03	-5186.12	-0.04	-4.88	0.0	192.88	-3007.27	-645.61	-4171.80	6.414e+04	2.911e+04
		-9.567e+04	-7623.89	-5.13e-03		27.8	192.88	-429.00	-645.61	-3707.87	4.617e+04	-1.847e+04
228	19	3524.27	-5423.01	-0.04	-3.64	55.7	192.88	2049.77	-645.61	-3304.80	2.820e+04	4298.28
		-6.272e+04	-7278.74	-4.25e-03		0.0	-2885.92	-5891.55	49.49	2484.08	-7589.68	-3.165e+04
228	31	3371.86	-7000.82	-0.08	-3.80	24.5	-2885.92	703.25	49.49	2943.75	-6377.27	-9.568e+04
		-6.040e+04	-9171.93	-5.16e-03		49.0	-2885.92	7565.77	49.49	3451.71	-5164.85	4998.62
228	34	2725.29	-285.07	0.08	-3.11	0.0	-2032.15	-3897.59	33.87	1684.74	-5200.65	-2.145e+04
		-7.355e+04	-1529.33	-2.08e-03		24.5	-2032.15	463.74	33.87	1934.73	-4370.75	-6.383e+04
228	38	2752.77	-402.66	0.08	-3.11	49.0	-2032.15	5003.94	33.87	2216.45	-3540.85	2738.08
		-7.356e+04	-1664.13	-2.30e-03		0.0	-2849.81	-5828.38	49.75	2476.54	-7623.89	-3.147e+04
228	51	3693.60	-6056.71	-0.05	-3.72	24.5	-2849.81	695.63	49.75	2900.29	-6405.00	-9.481e+04
		-6.120e+04	-7965.15	-4.48e-03		49.0	-2849.81	7485.43	49.75	3371.62	-5186.12	4791.03
228	63	3486.96	-8196.22	-0.11	-3.94	0.0	-1701.25	-3803.38	37.67	1310.04	-7278.74	-2.101e+04
		-5.806e+04	-1.053e+04	-5.70e-03		24.5	-1701.25	495.70	37.67	1778.29	-6350.88	-6.210e+04
228	66	2610.19	910.33	0.10	-3.02	49.0	-1701.25	5521.20	37.67	1878.30	-5423.01	3524.27
		-7.589e+04	-168.95	-1.53e-03		0.0	-1365.14	-3650.10	44.85	590.78	-9171.93	-2.041e+04
228	70	2647.43	750.88	0.10	-3.02	24.5	-1365.14	510.65	44.85	1802.64	-8086.37	-5.980e+04
		-7.591e+04	-351.74	-1.83e-03		49.0	-1365.14	5707.28	44.85	1341.53	-7000.82	3371.86
228	79	2826.53	-3570.16	-0.03	-3.31	0.0	-2805.82	-4479.47	24.85	2892.09	-1529.33	-2.398e+04
		-6.513e+04	-5243.56	-3.55e-03		24.5	-2805.82	457.54	24.85	2243.55	-907.20	-7.296e+04
228	82	3650.32	-3899.72	-0.03	-3.70	49.0	-2805.82	4730.24	24.85	3334.36	-285.07	2725.29
		-7.256e+04	-5730.33	-3.86e-03		0.0	-2774.19	-4480.74	25.38	2899.42	-1664.13	-2.398e+04
228	85	3511.92	-3913.90	-0.03	-3.67	24.5	-2774.19	456.92	25.38	2248.08	-1033.40	-7.297e+04
		-7.198e+04	-5753.13	-3.88e-03		49.0	-2774.19	4727.46	25.38	3326.10	-402.66	2752.77
228	86	2826.53	-3570.16	-0.03	-3.31	0.0	-1564.46	-3710.31	38.68	1156.47	-7965.15	-2.059e+04
		-6.513e+04	-5243.56	-3.55e-03		24.5	-1564.46	499.84	38.68	1691.13	-7010.93	-6.058e+04
228	87	3196.60	-3691.46	-0.03	-3.47	49.0	-1564.46	5628.87	38.68	1714.66	-6056.71	3693.60
		-6.821e+04	-5422.01	-3.66e-03		0.0	-1108.69	-3502.47	48.41	181.15	-1.053e+04	-1.977e+04
228	91	2826.53	-3570.16	-0.03	-3.31	24.5	-1108.69	520.10	48.41	1724.16	-9364.26	-5.746e+04
		-6.513e+04	-5243.56	-3.55e-03		49.0	-1108.69	5881.19	48.41	986.81	-8196.22	3486.96
228	92	3048.58	-3642.94	-0.03	-3.41	0.0	-3062.27	-4627.10	21.29	3301.73	-168.95	-2.461e+04
		-6.698e+04	-5350.63	-3.62e-03		24.5	-3062.27	448.09	21.29	2322.04	370.69	-7.530e+04
229	4	5069.01	-5739.43	0.02	-3.33	49.0	-3062.27	4556.33	21.29	3689.08	910.33	2610.19
		-7.065e+04	-6588.26	-3.95e-03		0.0	-3019.37	-4628.83	22.02	3311.66	-351.74	-2.462e+04
229	5	3164.17	-3981.74	0.01	-2.21	24.5	-3019.37	447.24	22.02	2328.18	199.57	-7.532e+04
						49.0	-3019.37	4552.56	22.02	3677.88	750.88	2647.43
						0.0	-2047.96	-3944.95	34.15	1700.71	-5243.56	-2.166e+04
						24.5	-2047.96	469.53	34.15	1959.10	-4406.86	-6.455e+04
						49.0	-2047.96	5064.74	34.15	2249.62	-3570.16	2826.53
						0.0	-2186.46	-4422.12	37.36	1872.17	-5730.33	-2.385e+04
						24.5	-2186.46	527.58	37.36	2207.47	-4815.02	-7.191e+04
						49.0	-2186.46	5678.61	37.36	2578.97	-3899.72	3650.32
						0.0	-2162.39	-4380.01	37.54	1867.14	-5753.13	-2.373e+04
						24.5	-2162.39	522.50	37.54	2178.49	-4833.51	-7.133e+04
						49.0	-2162.39	5625.05	37.54	2525.58	-3913.90	3511.92
						0.0	-2047.96	-3944.95	34.15	1700.71	-5243.56	-2.166e+04
						24.5	-2047.96	469.53	34.15	1959.10	-4406.86	-6.455e+04
						49.0	-2047.96	5064.74	34.15	2249.62	-3570.16	2826.53
						0.0	-2110.49	-4144.68	35.32	1768.59	-5422.01	-2.255e+04
						24.5	-2110.49	493.81	35.32	2065.77	-4556.73	-6.760e+04
						49.0	-2110.49	5321.44	35.32	2396.83	-3691.46	3196.60
						0.0	-2047.96	-3944.95	34.15	1700.71	-5243.56	-2.166e+04
						24.5	-2047.96	469.53	34.15	1959.10	-4406.86	-6.455e+04
						49.0	-2047.96	5064.74	34.15	2249.62	-3570.16	2826.53
						0.0	-2085.48	-4064.79	34.85	1741.44	-5350.63	-2.219e+04
						24.5	-2085.48	484.10	34.85	2023.10	-4496.78	-6.638e+04
						49.0	-2085.48	5218.76	34.85	2337.95	-3642.94	3048.58
						0.0	-3917.79	-5278.46	-17.32	1524.56	-5739.43	5069.01
						24.5	-3917.79	-767.39	-17.32	1810.61	-6163.85	-6.917e+04
						49.0	-3917.79	3852.17	-17.32	2118.33	-6588.26	-3.165e+04
						0.0	-2699.50	-3490.89	-11.37	1026.80	-3981.74	3164.17

		-4.702e+04	-4538.63	-2.72e-03			24.5	-2699.50	-514.33	-11.37	1176.94	-4260.19	-4.602e+04
							49.0	-2699.50	2534.72	-11.37	1341.16	-4538.63	-2.145e+04
229	11	4957.14	-5797.05	0.02	-3.29		0.0	-3867.66	-5222.33	-17.12	1513.16	-5797.05	4957.14
		-6.999e+04	-6635.92	-3.96e-03			24.5	-3867.66	-761.29	-17.12	1773.88	-6216.48	-6.852e+04
							49.0	-3867.66	3807.59	-17.12	2055.83	-6635.92	-3.147e+04
229	19	3952.43	-5957.04	-0.03	-2.45		0.0	-2463.91	-3424.77	-12.43	635.61	-5957.04	3952.43
		-4.631e+04	-6604.94	-3.09e-03			24.5	-2463.91	-496.39	-12.43	923.97	-6280.99	-4.536e+04
							49.0	-2463.91	2798.63	-12.43	1056.33	-6604.94	-2.101e+04
229	31	3879.74	-7757.32	-0.07	-2.57		0.0	-2053.58	-3292.10	-7.89	74.08	-7757.32	3879.74
		-4.447e+04	-8336.73	-3.68e-03			24.5	-2053.58	-485.64	-7.89	921.80	-8047.03	-4.353e+04
							49.0	-2053.58	2909.73	-7.89	776.07	-8336.73	-2.041e+04
229	34	2850.80	-397.44	0.07	-2.11		0.0	-3519.27	-3989.84	-15.88	2055.14	-397.44	2850.80
		-5.341e+04	-982.71	-1.91e-03			24.5	-3519.27	-582.49	-15.88	1550.83	-690.08	-5.228e+04
							49.0	-3519.27	2386.44	-15.88	2069.56	-982.71	-2.398e+04
229	38	2888.07	-537.55	0.07	-2.11		0.0	-3501.62	-3990.17	-18.89	2061.86	-537.55	2888.07
		-5.344e+04	-1116.43	-2.04e-03			24.5	-3501.62	-581.81	-18.89	1550.51	-826.99	-5.232e+04
							49.0	-3501.62	2384.55	-18.89	2060.11	-1116.43	-2.398e+04
229	51	4161.44	-6626.20	-0.04	-2.51		0.0	-2349.10	-3347.80	-12.62	482.89	-6626.20	4161.44
		-4.538e+04	-7297.44	-3.20e-03			24.5	-2349.10	-482.98	-12.62	812.77	-6961.82	-4.445e+04
							49.0	-2349.10	2852.22	-12.62	925.86	-7297.44	-2.059e+04
229	63	4062.85	-9067.38	-0.09	-2.66		0.0	-1792.68	-3167.91	-6.47	-278.55	-9067.38	4062.85
		-4.288e+04	-9645.75	-4.00e-03			24.5	-1792.68	-468.40	-6.47	809.83	-9356.56	-4.197e+04
							49.0	-1792.68	3002.88	-6.47	545.83	-9645.75	-1.977e+04
229	66	2667.70	912.61	0.09	-2.05		0.0	-3780.16	-4114.03	-17.30	2407.77	912.61	2667.70
		-5.500e+04	326.30	-1.60e-03			24.5	-3780.16	-599.73	-17.30	1662.80	619.46	-5.384e+04
							49.0	-3780.16	2293.29	-17.30	2299.80	326.30	-2.461e+04
229	70	2718.23	722.63	0.09	-2.05		0.0	-3756.23	-4114.48	-21.39	2416.87	722.63	2718.23
		-5.504e+04	144.98	-1.77e-03			24.5	-3756.23	-598.81	-21.39	1662.36	433.80	-5.389e+04
							49.0	-3756.23	2290.74	-21.39	2286.99	144.98	-2.462e+04
229	79	3221.24	-4009.39	0.01	-2.23		0.0	-2724.84	-3533.53	-11.51	1037.43	-4009.39	3221.24
		-4.757e+04	-4573.56	-2.74e-03			24.5	-2724.84	-519.90	-11.51	1193.28	-4291.48	-4.656e+04
							49.0	-2724.84	2566.93	-11.51	1363.40	-4573.56	-2.166e+04
229	82	3770.80	-4342.44	0.02	-2.50		0.0	-2958.28	-3961.68	-12.98	1147.61	-4342.44	3770.80
		-5.308e+04	-4978.69	-2.98e-03			24.5	-2958.28	-577.20	-12.98	1355.29	-4660.57	-5.197e+04
							49.0	-2958.28	2888.90	-12.98	1579.18	-4978.69	-2.385e+04
229	85	3696.22	-4380.85	0.02	-2.47		0.0	-2924.85	-3924.27	-12.85	1140.01	-4380.85	3696.22
		-5.264e+04	-5010.47	-2.99e-03			24.5	-2924.85	-573.13	-12.85	1330.80	-4695.66	-5.153e+04
							49.0	-2924.85	2859.18	-12.85	1537.51	-5010.47	-2.373e+04
229	86	3221.24	-4009.39	0.01	-2.23		0.0	-2724.84	-3533.53	-11.51	1037.43	-4009.39	3221.24
		-4.757e+04	-4573.56	-2.74e-03			24.5	-2724.84	-519.90	-11.51	1193.28	-4291.48	-4.656e+04
							49.0	-2724.84	2566.93	-11.51	1363.40	-4573.56	-2.166e+04
229	87	3461.29	-4122.71	0.02	-2.34		0.0	-2827.48	-3712.60	-12.13	1082.73	-4122.71	3461.29
		-4.986e+04	-4717.16	-2.83e-03			24.5	-2827.48	-543.50	-12.13	1265.00	-4419.94	-4.880e+04
							49.0	-2827.48	2702.19	-12.13	1462.42	-4717.16	-2.255e+04
229	91	3221.24	-4009.39	0.01	-2.23		0.0	-2724.84	-3533.53	-11.51	1037.43	-4009.39	3221.24
		-4.757e+04	-4573.56	-2.74e-03			24.5	-2724.84	-519.90	-11.51	1193.28	-4291.48	-4.656e+04
							49.0	-2724.84	2566.93	-11.51	1363.40	-4573.56	-2.166e+04
229	92	3365.27	-4077.38	0.01	-2.30		0.0	-2786.42	-3640.97	-11.88	1064.61	-4077.38	3365.27
		-4.894e+04	-4659.72	-2.80e-03			24.5	-2786.42	-534.06	-11.88	1236.31	-4368.55	-4.791e+04
							49.0	-2786.42	2648.09	-11.88	1422.81	-4659.72	-2.219e+04
230	4	1.722e+04	-3479.86	0.01	-2.90		0.0	-4109.34	-4226.06	-38.54	858.62	-3479.86	1.722e+04
		-3.783e+04	-5368.48	-2.99e-03			24.5	-4109.34	-257.92	-38.54	1092.09	-4424.17	-3.781e+04
							49.0	-4109.34	3769.63	-38.54	1337.49	-5368.48	5069.52
230	5	1.138e+04	-2517.06	8.65e-03	-1.92		0.0	-2805.53	-2789.77	-25.18	557.00	-2517.06	1.138e+04
		-2.503e+04	-3750.94	-2.05e-03			24.5	-2805.53	-174.34	-25.18	676.62	-3134.00	-2.500e+04
							49.0	-2805.53	2480.88	-25.18	803.63	-3750.94	3164.61
230	11	1.708e+04	-3573.73	0.01	-2.87		0.0	-4048.13	-4180.39	-38.12	837.66	-3573.73	1.708e+04
		-3.741e+04	-5441.78	-2.99e-03			24.5	-4048.13	-257.31	-38.12	1048.91	-4507.75	-3.738e+04
							49.0	-4048.13	3724.96	-38.12	1271.60	-5441.78	4957.66
230	19	1.303e+04	-4426.27	-0.02	-2.13		0.0	-2571.94	-2751.15	-27.34	155.45	-4426.27	1.303e+04
		-2.510e+04	-5803.08	-2.06e-03			24.5	-2571.94	-167.36	-27.34	382.02	-5114.68	-2.508e+04
							49.0	-2571.94	2734.17	-27.34	424.89	-5803.08	3952.86
230	31	1.280e+04	-6245.59	-0.06	-2.24		0.0	-2188.69	-2641.36	-21.78	-161.00	-6245.59	1.280e+04
		-2.360e+04	-7512.49	-2.34e-03			24.5	-2188.69	-170.84	-21.78	459.03	-6879.04	-2.355e+04
							49.0	-2188.69	2849.69	-21.78	59.63	-7512.49	3880.17
230	34	1.094e+04	1167.58	0.06	-1.85		0.0	-3620.57	-3181.55	-30.94	1333.36	1167.58	1.094e+04
		-2.861e+04	-148.46	-1.89e-03			24.5	-3620.57	-189.88	-30.94	989.73	509.56	-2.861e+04
							49.0	-3620.57	2334.24	-30.94	1681.35	-148.46	2851.23
230	38	1.102e+04	1034.84	0.06	-1.85		0.0	-3598.48	-3181.36	-34.42	1334.02	1034.84	1.102e+04
		-2.868e+04	-299.27	-2.05e-03			24.5	-3598.48	-189.03	-34.42	982.69	367.78	-2.868e+04
							49.0	-3598.48	2332.56	-34.42	1666.13	-299.27	2888.50
230	51	1.344e+04	-5098.14	-0.03	-2.17		0.0	-2453.51	-2694.08	-27.69	2.11	-5098.14	1.344e+04
		-2.474e+04	-6505.33	-2.04e-03			24.5	-2453.51	-162.74	-27.69	260.13	-5801.73	-2.472e+04
							49.0	-2453.51	2784.80	-27.69	266.25	-6505.33	4161.90
230	63	1.313e+04	-7565.14	-0.08	-2.32		0.0	-1933.81	-2545.21	-20.15	-426.99	-7565.14	1.313e+04
		-2.271e+04	-8823.28	-2.42e-03			24.5	-1933.81	-167.45	-20.15	364.57	-8194.21	-2.265e+04
							49.0	-1933.81	2941.44	-20.15	-229.03	-8823.28	4063.28

230	66	1.061e+04 -2.951e+04	2487.12 1162.34	0.08 -1.81e-03	-1.80	0.0 24.5 49.0	-3875.45 -3875.45 -3875.45	-3277.70 -193.26 2242.49	-32.57 -32.57 -32.57	1599.35 1084.19 1970.02	2487.12 1.061e+04 1824.73 -2.951e+04 1162.34 2668.12
230	70	1.071e+04 -2.960e+04	2307.13 957.83	0.08 -2.02e-03	-1.80	0.0 24.5 49.0	-3845.49 -3845.49 -3845.49	-3277.45 -192.12 2240.22	-37.30 -37.30 -37.30	1600.24 1074.64 1949.38	2307.13 1.071e+04 1632.48 -2.960e+04 957.83 2718.65
230	79	1.152e+04 -2.533e+04	-2523.93 -3774.27	8.73e-03 -2.07e-03	-1.94	0.0 24.5 49.0	-2834.28 -2834.28 -2834.28	-2824.51 -176.06 2512.52	-25.52 -25.52 -25.52	565.14 689.66 821.71	-2523.93 1.152e+04 -3149.10 -2.530e+04 -3774.27 3221.68
230	82	1.293e+04 -2.839e+04	-2651.85 -4066.67	9.72e-03 -2.26e-03	-2.18	0.0 24.5 49.0	-3098.30 -3098.30 -3098.30	-3170.82 -194.27 2827.00	-28.87 -28.87 -28.87	642.34 811.32 989.16	-2651.85 1.293e+04 -3359.26 -2.837e+04 -4066.67 3771.19
230	85	1.283e+04 -2.811e+04	-2714.43 -4115.53	9.69e-03 -2.26e-03	-2.15	0.0 24.5 49.0	-3057.49 -3057.49 -3057.49	-3140.37 -193.87 2797.21	-28.59 -28.59 -28.59	628.37 782.53 945.24	-2714.43 1.283e+04 -3414.98 -2.809e+04 -4115.53 3696.62
230	86	1.152e+04 -2.533e+04	-2523.93 -3774.27	8.73e-03 -2.07e-03	-1.94	0.0 24.5 49.0	-2834.28 -2834.28 -2834.28	-2824.51 -176.06 2512.52	-25.52 -25.52 -25.52	565.14 689.66 821.71	-2523.93 1.152e+04 -3149.10 -2.530e+04 -3774.27 3221.68
230	87	1.210e+04 -2.662e+04	-2549.06 -3867.94	9.12e-03 -2.14e-03	-2.04	0.0 24.5 49.0	-2951.52 -2951.52 -2951.52	-2969.42 -183.22 2644.93	-26.92 -26.92 -26.92	600.20 747.53 903.01	-2549.06 1.210e+04 -3208.50 -2.659e+04 -3867.94 3461.71
230	90	1.197e+04 -2.630e+04	-2570.07 -3872.50	9.05e-03 -2.13e-03	-2.02	0.0 24.5 49.0	-2916.44 -2916.44 -2916.44	-2934.05 -181.92 2611.83	-26.58 -26.58 -26.58	589.00 726.75 872.43	-2570.07 1.197e+04 -3221.28 -2.627e+04 -3872.50 3393.48
230	91	1.152e+04 -2.533e+04	-2523.93 -3774.27	8.73e-03 -2.07e-03	-1.94	0.0 24.5 49.0	-2834.28 -2834.28 -2834.28	-2824.51 -176.06 2512.52	-25.52 -25.52 -25.52	565.14 689.66 821.71	-2523.93 1.152e+04 -3149.10 -2.530e+04 -3774.27 3221.68
230	92	1.187e+04 -2.610e+04	-2539.01 -3830.47	8.96e-03 -2.11e-03	-2.00	0.0 24.5 49.0	-2904.63 -2904.63 -2904.63	-2911.45 -180.36 2591.96	-26.36 -26.36 -26.36	586.18 724.38 870.49	-2539.01 1.187e+04 -3184.74 -2.608e+04 -3830.47 3365.70
231	4	2.139e+04 -1.112e+04	-1671.71 -3436.37	8.37e-03 -1.97e-03	-2.69	0.0 20.0 40.0	-4019.37 -4019.37 -4019.37	-3137.02 -109.31 2948.56	-44.12 -44.12 -44.12	510.72 681.53 857.08	-1671.71 2.139e+04 -2554.04 -1.112e+04 -3436.37 3722.04
231	5	1.416e+04 -7269.79	-1387.57 -2512.91	5.63e-03 -1.34e-03	-1.78	0.0 20.0 40.0	-2727.69 -2727.69 -2727.69	-2066.86 -72.78 1941.57	-28.13 -28.13 -28.13	285.98 372.75 462.12	-1387.57 1.416e+04 -1950.24 -7269.79 -2512.91 1.138e+04
231	7	1.626e+04 -8536.87	-1201.17 -2549.55	6.36e-03 -1.50e-03	-2.06	0.0 20.0 40.0	-3093.12 -3093.12 -3093.12	-2393.58 -82.58 2251.36	-33.71 -33.71 -33.71	407.02 544.74 686.25	-1201.17 1.626e+04 -1875.36 -8536.87 -2549.55 1.311e+04
231	11	2.126e+04 -1.090e+04	-1813.56 -3548.68	8.36e-03 -1.96e-03	-2.66	0.0 20.0 40.0	-3949.16 -3949.16 -3949.16	-3102.00 -109.39 2913.35	-43.38 -43.38 -43.38	471.14 625.35 783.90	-1813.56 2.126e+04 -2681.12 -1.090e+04 -3548.68 1.708e+04
231	19	1.603e+04 -6898.23	-3276.08 -4555.34	-0.02 -1.08e-03	-1.97	0.0 20.0 40.0	-2481.04 -2481.04 -2481.04	-2049.81 -71.76 2134.53	-31.38 -31.38 -31.38	-89.76 49.60 32.98	-3276.08 1.603e+04 -3915.71 -6898.23 -4555.34 1.303e+04
231	31	1.572e+04 -6305.89	-5246.12 -6349.57	-0.06 -1.07e-03	-2.08	0.0 20.0 40.0	-2142.58 -2142.58 -2142.58	-1960.69 -73.69 2226.71	-24.30 -24.30 -24.30	-107.71 15.12 -378.44	-5246.12 1.572e+04 -5797.85 -6305.89 -6349.57 1.280e+04
231	34	1.378e+04 -8942.28	2573.08 1300.69	0.06 -1.70e-03	-1.72	0.0 20.0 40.0	-3518.56 -3518.56 -3518.56	-2356.22 -77.42 1829.91	-35.09 -35.09 -35.09	746.48 824.87 1425.50	2573.08 1.378e+04 -8942.28 1.378e+04 1300.69 1.094e+04
231	51	1.649e+04 -6639.82	-3966.56 -5278.34	-0.03 -9.69e-04	-2.01	0.0 20.0 40.0	-2356.61 -2356.61 -2356.61	-2011.14 -70.41 2172.34	-31.98 -31.98 -31.98	-235.42 -82.26 -141.65	-3966.56 1.649e+04 -6639.82 -6639.82 -5278.34 1.344e+04
231	63	1.607e+04 -5836.61	-6637.94 -7711.32	-0.07 -9.58e-04	-2.15	0.0 20.0 40.0	-1897.66 -1897.66 -1897.66	-1890.29 -73.02 2297.34	-22.38 -22.38 -22.38	-259.75 -129.01 -699.54	-6637.94 1.607e+04 -7174.63 -5836.61 -7711.32 1.313e+04
231	66	1.343e+04 -9411.56	3964.89 2662.44	0.07 -1.81e-03	-1.68	0.0 20.0 40.0	-3763.49 -3763.49 -3763.49	-2426.63 -78.09 1759.28	-37.01 -37.01 -37.01	998.53 969.01 1746.60	3964.89 1.343e+04 -9411.56 -9411.56 2662.44 1.061e+04
231	79	1.433e+04 -7370.67	-1373.80 -2517.11	5.67e-03 -1.35e-03	-1.81	0.0 20.0 40.0	-2757.49 -2757.49 -2757.49	-2093.11 -73.60 1966.36	-28.58 -28.58 -28.58	295.18 385.60 478.70	-1373.80 1.433e+04 -1945.46 -7370.67 -2517.11 1.152e+04
231	81	1.573e+04 -8215.39	-1249.53 -2541.54	6.16e-03 -1.46e-03	-1.99	0.0 20.0 40.0	-3001.10 -3001.10 -3001.10	-2310.93 -80.13 2172.88	-32.30 -32.30 -32.30	375.87 500.26 628.12	-1249.53 1.573e+04 -1895.54 -8215.39 -2541.54 1.267e+04
231	82	1.606e+04 -8326.85	-1306.82 -2623.73	6.31e-03 -1.49e-03	-2.02	0.0 20.0 40.0	-3027.38 -3027.38 -3027.38	-2352.92 -82.14 2211.36	-32.92 -32.92 -32.92	373.70 497.20 624.16	-1306.82 1.606e+04 -1965.28 -8326.85 -2623.73 1.293e+04
231	85	1.597e+04 -8184.90	-1401.40 -2698.60	6.30e-03 -1.48e-03	-2.00	0.0 20.0 40.0	-2980.57 -2980.57 -2980.57	-2329.57 -82.20 2187.89	-32.43 -32.43 -32.43	347.32 459.75 575.37	-1401.40 1.597e+04 -2050.00 -8184.90 -2698.60 1.283e+04
231	86	1.433e+04 -7370.67	-1373.80 -2517.11	5.67e-03 -1.35e-03	-1.81	0.0 20.0 40.0	-2757.49 -2757.49 -2757.49	-2093.11 -73.60 1966.36	-28.58 -28.58 -28.58	295.18 385.60 478.70	-1373.80 1.433e+04 -1945.46 -7370.67 -2517.11 1.152e+04
231	87	1.503e+04 -7793.03	-1311.67 -2529.32	5.92e-03 -1.41e-03	-1.90	0.0 20.0	-2879.29 -2879.29	-2202.02 -76.86	-30.44 -30.44	335.53 442.93	-1311.67 1.503e+04 -1920.50 -7793.03

231	90	1.488e+04	-1359.44	5.88e-03	-1.87	40.0	-2879.29	2069.62	-30.44	553.41	-2529.32	1.210e+04
		-7668.67	-2557.32	-1.39e-03		0.0	-2841.08	-2175.26	-29.95	318.52	-1359.44	1.488e+04
231	91	1.433e+04	-1373.80	5.67e-03	-1.81	20.0	-2841.08	-76.36	-29.95	418.77	-1958.38	-7668.67
		-7370.67	-2517.11	-1.35e-03		40.0	-2841.08	2043.71	-29.95	521.94	-2557.32	1.197e+04
231	92	1.475e+04	-1336.52	5.82e-03	-1.86	0.0	-2757.49	-2093.11	-28.58	295.18	-1373.80	1.433e+04
		-7624.09	-2524.44	-1.38e-03		20.0	-2757.49	-73.60	-28.58	385.60	-1945.46	-7370.67
232	4	2.520e+04	33.55	8.59e-03	-2.63	40.0	-2757.49	1966.36	-28.58	478.70	-2517.11	1.152e+04
		-6403.08	-1735.61	-1.77e-03		0.0	-2830.57	-2158.46	-29.70	319.39	-1336.52	1.475e+04
232	5	1.669e+04	-373.45	5.78e-03	-1.74	20.0	-2830.57	-75.56	-29.70	420.00	-1930.48	-7624.09
		-4126.93	-1459.05	-1.17e-03		40.0	-2830.57	2028.31	-29.70	523.53	-2524.44	1.187e+04
232	7	1.911e+04	118.98	6.52e-03	-2.01	0.0	-3565.65	-3054.97	-44.23	296.59	33.55	2.520e+04
		-4983.72	-1238.80	-1.36e-03		20.0	-3565.65	-100.29	-44.23	459.62	-851.03	-6403.08
232	9	2.341e+04	-519.90	8.08e-03	-2.42	40.0	-3565.65	2885.23	-44.23	625.84	-1735.61	2.139e+04
		-5571.77	-2051.82	-1.61e-03		0.0	-2415.04	-2011.87	-27.14	100.12	-373.45	1.669e+04
232	31	1.843e+04	-4509.65	-0.06	-2.03	20.0	-2415.04	-66.85	-27.14	183.37	-916.25	-4126.93
		-3145.33	-5534.44	-4.28e-04		40.0	-2415.04	1898.94	-27.14	267.89	-1459.05	1.416e+04
232	34	1.632e+04	4035.91	0.05	-1.69	0.0	-2751.12	-2330.69	-33.94	254.12	118.98	1.911e+04
		-5586.73	2736.51	-2.01e-03		20.0	-2751.12	-75.22	-33.94	385.43	-559.91	-4983.72
232	39	1.855e+04	-4198.18	-0.05	-2.01	40.0	-2751.12	2203.67	-33.94	519.41	-1238.80	1.626e+04
		-3365.23	-4950.93	-4.38e-04		0.0	-3256.52	-2797.69	-38.30	128.13	-519.90	2.341e+04
232	63	1.881e+04	-6030.76	-0.07	-2.10	20.0	-3256.52	-95.35	-38.30	241.96	-1285.86	-5571.77
		-2710.76	-7006.67	-1.46e-04		40.0	-3256.52	2636.03	-38.30	357.47	-2051.82	1.979e+04
232	66	1.594e+04	5557.01	0.07	-1.64	0.0	-1848.90	-1909.06	-23.00	-164.11	-4509.65	1.843e+04
		-6021.30	4208.73	-2.30e-03		20.0	-1848.90	-64.19	-23.00	-405.41	-5022.05	-3145.33
232	71	1.897e+04	-5608.41	-0.07	-2.08	40.0	-1848.90	2173.91	-23.00	-825.59	-5534.44	1.572e+04
		-3008.94	-6215.42	-1.60e-04		0.0	-3170.47	-2293.67	-35.10	449.33	4035.91	1.632e+04
232	79	1.689e+04	-335.36	5.83e-03	-1.77	20.0	-3170.47	-74.25	-35.10	883.21	3386.21	-5586.73
		-4194.67	-1443.02	-1.18e-03		40.0	-3170.47	1794.87	-35.10	1499.28	2736.51	1.378e+04
232	81	1.850e+04	-7.07	6.32e-03	-1.94	0.0	-1944.26	-1919.53	-16.30	-384.09	-4198.18	1.855e+04
		-4765.87	-1296.19	-1.31e-03		20.0	-1944.26	-64.97	-16.30	-210.15	-4574.56	-3365.23
232	82	1.892e+04	-47.74	6.47e-03	-1.98	40.0	-1944.26	2164.58	-16.30	-483.23	-4950.93	1.586e+04
		-4782.85	-1360.16	-1.33e-03		0.0	-1613.66	-1840.60	-20.85	-273.30	-6030.76	1.881e+04
232	83	1.773e+04	-416.71	6.14e-03	-1.83	20.0	-1613.66	-62.40	-20.85	-634.78	-6518.71	-2710.76
		-4228.64	-1570.96	-1.22e-03		40.0	-1613.66	2241.38	-20.85	-1239.41	-7006.67	1.607e+04
232	86	1.689e+04	-335.36	5.83e-03	-1.77	0.0	-3405.71	-2362.13	-37.26	558.52	5557.01	1.594e+04
		-4194.67	-1443.02	-1.18e-03		20.0	-3405.71	-76.04	-37.26	1112.59	4882.87	-6021.30
232	87	1.770e+04	-171.21	6.07e-03	-1.85	40.0	-3405.71	1727.40	-37.26	1913.11	4208.73	1.343e+04
		-4480.27	-1369.60	-1.25e-03		0.0	-1742.97	-1854.78	-11.76	-571.59	-5608.41	1.897e+04
232	88	1.706e+04	-351.63	5.89e-03	-1.78	20.0	-1742.97	-63.45	-11.76	-370.01	-5911.92	-3008.94
		-4201.47	-1468.61	-1.19e-03		40.0	-1742.97	2228.72	-11.76	-775.18	-6215.42	1.626e+04
232	91	1.689e+04	-335.36	5.83e-03	-1.77	0.0	-2442.47	-2037.60	-27.69	111.81	-335.36	1.689e+04
		-4194.67	-1443.02	-1.18e-03		20.0	-2442.47	-67.55	-27.69	198.49	-889.19	-4194.67
232	92	1.738e+04	-236.87	5.97e-03	-1.82	40.0	-2442.47	1923.44	-27.69	286.54	-1443.02	1.433e+04
		-4366.03	-1398.97	-1.22e-03		0.0	-2554.49	-2143.88	-29.96	163.14	-171.21	1.770e+04
233	3	2.747e+04	1557.85	-9.02e-03	-2.53	20.0	-2554.49	-70.33	-29.96	265.84	-770.41	-4480.27
		-583.45	13.68	-1.69e-03		40.0	-2554.49	2025.02	-29.96	370.39	-1369.60	1.503e+04
233	4	2.828e+04	1512.86	-9.29e-03	-2.58	0.0	-2449.65	-2054.01	-27.92	107.95	-351.63	1.706e+04
		-396.24	-60.69	-1.71e-03		20.0	-2449.65	-68.46	-27.92	194.33	-910.12	-4201.47
233	5	1.888e+04	432.16	-6.26e-03	-1.71	40.0	-2449.65	1938.25	-27.92	282.05	-1468.61	1.446e+04
		-65.78	-478.71	-1.08e-03		0.0	-2442.47	-2037.60	-27.69	111.81	-335.36	1.689e+04
233	9	2.662e+04	624.20	-8.79e-03	-2.37	20.0	-2442.47	-67.55	-27.69	198.49	-889.19	-4194.67
						40.0	-2442.47	1923.44	-27.69	286.54	-1443.02	1.433e+04
						0.0	-2509.68	-2101.37	-29.05	142.61	-236.87	1.738e+04
						20.0	-2509.68	-69.22	-29.05	238.90	-817.92	-4366.03
						40.0	-2509.68	1984.39	-29.05	336.85	-1398.97	1.475e+04
						0.0	-3226.39	-2817.20	-39.93	218.77	1557.85	2.747e+04
						19.3	-3226.39	-79.26	-39.93	372.25	785.77	-583.45
						38.7	-3226.39	2690.03	-39.93	528.13	13.68	2.460e+04
						0.0	-3243.56	-2876.45	-40.69	194.16	1512.86	2.828e+04
						19.3	-3243.56	-84.12	-40.69	346.83	726.09	-396.24
						38.7	-3243.56	2740.47	-40.69	501.74	-60.69	2.523e+04
						0.0	-2192.36	-1896.85	-23.55	-25.32	432.16	1.888e+04
						19.3	-2192.36	-59.70	-23.55	54.00	-23.28	-65.78
						38.7	-2192.36	1799.20	-23.55	133.67	-478.71	1.671e+04
						0.0	-2944.04	-2639.45	-33.62	-44.53	624.20	2.662e+04

		210.48	-675.80	-1.48e-03		19.3	-2944.04	-87.47	-33.62	64.05	-25.80	210.48
						38.7	-2944.04	2495.01	-33.62	173.05	-675.80	2.343e+04
233	11	2.834e+04	1214.77	-9.33e-03	-2.55	0.0	-3165.73	-2846.82	-39.10	105.32	1214.77	2.834e+04
		-83.18	-297.28	-1.65e-03		19.3	-3165.73	-88.53	-39.10	244.20	458.74	-83.18
						38.7	-3165.73	2702.15	-39.10	384.66	-297.28	2.513e+04
233	31	1.999e+04	-4101.32	-0.05	-1.98	0.0	-1638.17	-1820.91	-20.26	-467.03	-4101.32	1.999e+04
		900.45	-4979.57	1.40e-04		19.3	-1638.17	-39.50	-20.26	-843.30	-4540.44	900.45
						38.7	-1638.17	2082.18	-20.26	-1254.84	-4979.57	1.846e+04
233	34	1.915e+04	5435.61	0.05	-1.65	0.0	-2925.07	-2139.16	-31.27	534.73	5435.61	1.915e+04
		-1268.01	4321.28	-2.41e-03		19.3	-2925.07	-80.62	-31.27	1093.10	4878.44	-1268.01
						38.7	-2925.07	1682.55	-31.27	1688.37	4321.28	1.634e+04
233	38	1.917e+04	5353.56	0.05	-1.65	0.0	-2899.54	-2141.55	-32.81	528.70	5353.56	1.917e+04
		-1302.43	4175.91	-2.39e-03		19.3	-2899.54	-78.15	-32.81	1081.37	4764.73	-1302.43
						38.7	-2899.54	1684.47	-32.81	1670.91	4175.91	1.641e+04
233	63	2.014e+04	-5798.88	-0.07	-2.05	0.0	-1409.11	-1764.27	-18.30	-645.34	-5798.88	2.014e+04
		1286.43	-6635.12	5.75e-04		19.3	-1409.11	-32.17	-18.30	-1187.97	-6217.00	1286.43
						38.7	-1409.11	2153.32	-18.30	-1778.73	-6635.12	1.883e+04
233	66	1.900e+04	7133.17	0.07	-1.61	0.0	-3154.14	-2195.81	-33.23	713.04	7133.17	1.900e+04
		-1653.99	5976.82	-2.86e-03		19.3	-3154.14	-87.95	-33.23	1437.78	6555.00	-1653.99
						38.7	-3154.14	1611.41	-33.23	2212.26	5976.82	1.596e+04
233	70	1.903e+04	7021.92	0.07	-1.61	0.0	-3119.51	-2199.04	-35.32	704.86	7021.92	1.903e+04
		-1700.67	5779.70	-2.83e-03		19.3	-3119.51	-84.60	-35.32	1421.87	6400.81	-1700.67
						38.7	-3119.51	1614.01	-35.32	2188.58	5779.70	1.606e+04
233	79	1.908e+04	498.41	-6.31e-03	-1.73	0.0	-2218.28	-1920.79	-24.20	-8.97	498.41	1.908e+04
		-99.88	-437.30	-1.10e-03		19.3	-2218.28	-59.76	-24.20	73.43	30.56	-99.88
						38.7	-2218.28	1823.18	-24.20	156.31	-437.30	1.691e+04
233	81	2.072e+04	1060.86	-6.83e-03	-1.90	0.0	-2429.41	-2118.28	-29.42	133.75	1060.86	2.072e+04
		-379.55	-76.80	-1.26e-03		19.3	-2429.41	-60.77	-29.42	245.00	492.03	-379.55
						38.7	-2429.41	2020.45	-29.42	357.84	-76.80	1.853e+04
233	82	2.126e+04	1030.86	-7.00e-03	-1.94	0.0	-2440.86	-2157.78	-29.93	117.34	1030.86	2.126e+04
		-254.74	-126.38	-1.27e-03		19.3	-2440.86	-64.01	-29.93	228.06	452.24	-254.74
						38.7	-2440.86	2054.08	-29.93	340.25	-126.38	1.894e+04
233	83	2.016e+04	438.42	-6.67e-03	-1.79	0.0	-2241.18	-1999.78	-25.21	-41.79	438.42	2.016e+04
		149.73	-536.45	-1.12e-03		19.3	-2241.18	-66.24	-25.21	39.54	-49.01	149.73
						38.7	-2241.18	1890.44	-25.21	121.12	-536.45	1.775e+04
233	85	2.131e+04	832.13	-7.03e-03	-1.92	0.0	-2388.97	-2138.02	-28.87	58.12	832.13	2.131e+04
		-46.04	-284.10	-1.24e-03		19.3	-2388.97	-66.95	-28.87	159.64	274.01	-46.04
						38.7	-2388.97	2028.53	-28.87	262.19	-284.10	1.888e+04
233	86	1.908e+04	498.41	-6.31e-03	-1.73	0.0	-2218.28	-1920.79	-24.20	-8.97	498.41	1.908e+04
		-99.88	-437.30	-1.10e-03		19.3	-2218.28	-59.76	-24.20	73.43	30.56	-99.88
						38.7	-2218.28	1823.18	-24.20	156.31	-437.30	1.691e+04
233	87	1.990e+04	779.63	-6.57e-03	-1.82	0.0	-2323.85	-2019.53	-26.81	62.39	779.63	1.990e+04
		-239.71	-257.05	-1.18e-03		19.3	-2323.85	-60.26	-26.81	159.22	261.29	-239.71
						38.7	-2323.85	1921.82	-26.81	257.07	-257.05	1.772e+04
233	88	1.930e+04	486.41	-6.38e-03	-1.74	0.0	-2222.86	-1936.59	-24.40	-15.53	486.41	1.930e+04
		-49.95	-457.13	-1.10e-03		19.3	-2222.86	-61.06	-24.40	66.65	14.64	-49.95
						38.7	-2222.86	1836.63	-24.40	149.27	-457.13	1.708e+04
233	91	1.908e+04	498.41	-6.31e-03	-1.73	0.0	-2218.28	-1920.79	-24.20	-8.97	498.41	1.908e+04
		-99.88	-437.30	-1.10e-03		19.3	-2218.28	-59.76	-24.20	73.43	30.56	-99.88
						38.7	-2218.28	1823.18	-24.20	156.31	-437.30	1.691e+04
233	92	1.957e+04	667.15	-6.47e-03	-1.78	0.0	-2281.62	-1980.04	-25.76	33.85	667.15	1.957e+04
		-183.78	-329.15	-1.14e-03		19.3	-2281.62	-60.06	-25.76	124.90	169.00	-183.78
						38.7	-2281.62	1882.36	-25.76	216.77	-329.15	1.740e+04
234	3	2.743e+04	2739.73	-0.01	-2.47	0.0	-3202.92	-2328.72	-31.68	175.31	2739.73	1.422e+04
		-5511.07	1515.06	-1.85e-03		19.3	-3202.92	335.72	-31.68	324.21	2127.39	-5104.63
						38.7	-3202.92	3035.65	-31.68	475.21	1515.06	2.743e+04
234	4	2.823e+04	2703.07	-0.01	-2.52	0.0	-3216.22	-2379.92	-32.32	140.82	2703.07	1.498e+04
		-5228.72	1453.40	-1.86e-03		19.3	-3216.22	336.62	-32.32	289.34	2078.24	-4828.05
						38.7	-3216.22	3089.81	-32.32	439.73	1453.40	2.823e+04
234	5	1.886e+04	985.42	-7.12e-03	-1.67	0.0	-2165.92	-1576.84	-17.06	-131.63	985.42	1.061e+04
		-2885.85	325.86	-1.11e-03		19.3	-2165.92	209.13	-17.06	-52.10	655.64	-2651.91
						38.7	-2165.92	2019.92	-17.06	27.10	325.86	1.886e+04
234	11	2.830e+04	2296.41	-0.01	-2.49	0.0	-3131.85	-2360.55	-30.58	18.05	2296.41	1.563e+04
		-4505.44	1114.08	-1.78e-03		19.3	-3131.85	321.50	-30.58	154.44	1705.25	-4136.12
						38.7	-3131.85	3040.52	-30.58	291.82	1114.08	2.830e+04
234	12	2.047e+04	912.12	-7.79e-03	-1.76	0.0	-2192.52	-1679.24	-18.35	-200.61	912.12	1.214e+04
		-2321.14	202.53	-1.14e-03		19.3	-2192.52	210.93	-18.35	-121.84	557.32	-2098.76
						38.7	-2192.52	2128.24	-18.35	-43.87	202.53	2.047e+04
234	31	1.997e+04	-3661.94	-0.06	-1.94	0.0	-1608.40	-1524.15	-31.55	-910.91	-3661.94	1.378e+04
		-56.74	-4791.82	6.14e-04		19.3	-1608.40	310.06	-31.55	-1299.10	-4226.88	21.09
						38.7	-1608.40	2376.53	-31.55	-1703.98	-4791.82	1.997e+04
234	32	1.928e+04	6565.01	0.06	-1.63	0.0	-2823.97	-1730.60	-17.57	645.81	6565.01	9528.63
		-5273.05	5370.99	-2.72e-03		19.3	-2823.97	183.18	-17.57	1186.97	5968.00	-4939.28
						38.7	-2823.97	1919.12	-17.57	1743.35	5370.99	1.928e+04
234	34	1.912e+04	6322.05	0.05	-1.62	0.0	-2907.27	-1761.52	-7.10	810.70	6322.05	7631.35
		-6554.80	5958.04	-3.03e-03		19.3	-2907.27	138.66	-7.10	1379.15	6140.04	-6115.79
						38.7	-2907.27	1857.69	-7.10	1964.81	5958.04	1.912e+04

234	42	1.914e+04	6114.05	0.05	-1.62	0.0	-2827.96	-1746.33	-26.58	531.60	6114.05	7326.36
		-6660.20	5444.15	-2.93e-03		19.3	-2827.96	131.18	-26.58	1019.08	5779.10	-6201.85
						38.7	-2827.96	1858.42	-26.58	1551.42	5444.15	1.914e+04
234	63	2.012e+04	-5439.09	-0.07	-2.01	0.0	-1377.20	-1481.89	-35.90	-1217.35	-5439.09	1.487e+04
		1099.90	-6705.29	1.26e-03		19.3	-1377.20	340.56	-35.90	-1775.82	-6072.19	1113.45
						38.7	-1377.20	2468.88	-35.90	-2357.03	-6705.29	2.012e+04
234	64	1.919e+04	8428.65	0.07	-1.60	0.0	-3025.51	-1761.84	-16.95	893.56	8428.65	9109.77
		-5973.38	7075.46	-3.25e-03		19.3	-3025.51	168.53	-16.95	1595.28	7752.06	-5612.80
						38.7	-3025.51	1848.64	-16.95	2317.55	7075.46	1.919e+04
234	66	1.897e+04	8099.19	0.07	-1.58	0.0	-3138.47	-1803.78	-2.74	1117.15	8099.19	6537.05
		-7711.44	7871.51	-3.68e-03		19.3	-3138.47	108.16	-2.74	1855.87	7985.35	-7208.15
						38.7	-3138.47	1765.34	-2.74	2617.85	7871.51	1.897e+04
234	74	1.900e+04	7817.15	0.07	-1.58	0.0	-3030.93	-1783.17	-29.16	738.69	7817.15	6123.36
		-7854.38	7174.68	-3.55e-03		19.3	-3030.93	98.00	-29.16	1367.62	7495.91	-7324.85
						38.7	-3030.93	1766.33	-29.16	2057.30	7174.68	1.900e+04
234	79	1.905e+04	1083.38	-7.17e-03	-1.69	0.0	-2192.72	-1595.79	-17.73	-108.96	1083.38	1.063e+04
		-3011.82	398.01	-1.14e-03		19.3	-2192.72	213.68	-17.73	-26.66	740.69	-2770.44
						38.7	-2192.72	2048.14	-17.73	55.46	398.01	1.905e+04
234	81	2.069e+04	1905.63	-7.71e-03	-1.86	0.0	-2409.78	-1752.62	-23.04	87.23	1905.63	1.088e+04
		-3991.64	1015.01	-1.37e-03		19.3	-2409.78	249.27	-23.04	195.63	1460.32	-3693.46
						38.7	-2409.78	2278.04	-23.04	305.29	1015.01	2.069e+04
234	82	2.123e+04	1881.20	-7.93e-03	-1.89	0.0	-2418.65	-1786.76	-23.47	64.24	1881.20	1.139e+04
		-3803.41	973.90	-1.38e-03		19.3	-2418.65	249.87	-23.47	172.38	1427.55	-3509.07
						38.7	-2418.65	2314.14	-23.47	281.64	973.90	2.123e+04
234	83	2.013e+04	1034.51	-7.62e-03	-1.75	0.0	-2210.45	-1664.05	-18.59	-154.94	1034.51	1.165e+04
		-2635.34	315.79	-1.16e-03		19.3	-2210.45	214.88	-18.59	-73.16	675.15	-2401.67
						38.7	-2210.45	2120.36	-18.59	8.15	315.79	2.013e+04
234	85	2.128e+04	1610.09	-8.00e-03	-1.87	0.0	-2362.39	-1773.84	-22.31	-17.61	1610.09	1.183e+04
		-3321.22	747.69	-1.32e-03		19.3	-2362.39	239.79	-22.31	82.44	1178.89	-3047.78
						38.7	-2362.39	2281.28	-22.31	183.03	747.69	2.128e+04
234	86	1.905e+04	1083.38	-7.17e-03	-1.69	0.0	-2192.72	-1595.79	-17.73	-108.96	1083.38	1.063e+04
		-3011.82	398.01	-1.14e-03		19.3	-2192.72	213.68	-17.73	-26.66	740.69	-2770.44
						38.7	-2192.72	2048.14	-17.73	55.46	398.01	1.905e+04
234	87	1.987e+04	1494.50	-7.44e-03	-1.77	0.0	-2301.25	-1674.20	-20.38	-10.87	1494.50	1.076e+04
		-3501.73	706.51	-1.25e-03		19.3	-2301.25	231.48	-20.38	84.48	1100.51	-3231.95
						38.7	-2301.25	2163.09	-20.38	180.38	706.51	1.987e+04
234	88	1.927e+04	1073.60	-7.26e-03	-1.70	0.0	-2196.26	-1609.44	-17.90	-118.16	1073.60	1.083e+04
		-2936.52	381.56	-1.14e-03		19.3	-2196.26	213.92	-17.90	-35.96	727.58	-2696.69
						38.7	-2196.26	2062.59	-17.90	46.00	381.56	1.927e+04
234	91	1.905e+04	1083.38	-7.17e-03	-1.69	0.0	-2192.72	-1595.79	-17.73	-108.96	1083.38	1.063e+04
		-3011.82	398.01	-1.14e-03		19.3	-2192.72	213.68	-17.73	-26.66	740.69	-2770.44
						38.7	-2192.72	2048.14	-17.73	55.46	398.01	1.905e+04
234	92	1.955e+04	1330.05	-7.33e-03	-1.74	0.0	-2257.84	-1642.84	-19.32	-50.10	1330.05	1.071e+04
		-3305.77	583.11	-1.21e-03		19.3	-2257.84	224.36	-19.32	40.03	956.58	-3047.35
						38.7	-2257.84	2117.11	-19.32	130.41	583.11	1.955e+04
235	3	1.418e+04	3328.53	8.81e-03	-2.37	0.0	-3863.54	-1290.77	-14.89	116.41	3328.53	3.453e+04
		-4.088e+04	2752.63	-2.14e-03		19.3	-3863.54	1254.64	-14.89	258.98	3040.58	-3.492e+04
						38.7	-3863.54	3830.58	-14.89	403.18	2752.63	1.418e+04
235	4	1.494e+04	3296.90	9.19e-03	-2.41	0.0	-3888.36	-1317.01	-15.56	71.99	3296.90	-3.464e+04
		-4.112e+04	2695.13	-2.15e-03		19.3	-3888.36	1276.93	-15.56	214.71	2996.01	-3.507e+04
						38.7	-3888.36	3902.72	-15.56	358.79	2695.13	1.494e+04
235	5	1.058e+04	1133.83	6.38e-03	-1.59	0.0	-2600.60	-879.05	-6.65	-256.80	1133.83	-2.142e+04
		-2.582e+04	876.59	-1.21e-03		19.3	-2600.60	824.01	-6.65	-176.94	1005.21	-2.198e+04
						38.7	-2600.60	2549.13	-6.65	-98.21	876.59	1.058e+04
235	11	1.560e+04	2795.75	9.43e-03	-2.38	0.0	-3791.50	-1305.78	-14.68	-87.04	2795.75	-3.307e+04
		-3.953e+04	2228.04	-2.02e-03		19.3	-3791.50	1253.02	-14.68	45.81	2511.89	-3.362e+04
						38.7	-3791.50	3844.47	-14.68	178.95	2228.04	1.560e+04
235	12	1.211e+04	1070.55	7.14e-03	-1.68	0.0	-2650.26	-931.53	-7.99	-345.64	1070.55	-2.160e+04
		-2.631e+04	761.58	-1.23e-03		19.3	-2650.26	868.60	-7.99	-265.48	916.07	-2.228e+04
						38.7	-2650.26	2693.41	-7.99	-187.00	761.58	1.211e+04
235	19	1.458e+04	673.96	-0.02	-1.74	0.0	-2614.67	-853.95	-40.47	-591.32	673.96	-1.566e+04
		-2.060e+04	270.95	-1.40e-04		19.3	-2614.67	956.79	-40.47	-665.06	472.46	-1.725e+04
						38.7	-2614.67	2827.32	-40.47	-747.53	270.95	1.458e+04
235	32	9500.77	7391.47	0.05	-1.55	0.0	-3402.73	-969.75	5.75	898.34	6912.55	-2.718e+04
		-3.211e+04	6912.55	-3.44e-03		19.3	-3402.73	789.93	5.75	1418.40	7152.01	-2.767e+04
						38.7	-3402.73	2438.36	5.75	1950.40	7391.47	9500.77
235	33	1.186e+04	-3767.13	-0.05	-1.84	0.0	-2027.79	-858.41	-22.06	-1199.79	-3767.13	-1.885e+04
		-2.301e+04	-4876.71	7.47e-04		19.3	-2027.79	945.26	-22.06	-1542.13	-4321.92	-1.932e+04
						38.7	-2027.79	2905.13	-22.06	-1897.20	-4876.71	1.186e+04
235	42	7294.65	6531.46	0.05	-1.55	0.0	-3286.18	-984.33	14.77	691.94	6491.09	-3.094e+04
		-3.551e+04	6491.09	-3.64e-03		19.3	-3286.18	749.91	14.77	1190.92	6511.28	-3.069e+04
						38.7	-3286.18	2393.65	14.77	1709.97	6531.46	7294.65
235	51	1.597e+04	354.01	-0.03	-1.77	0.0	-2578.86	-832.54	-51.97	-748.17	354.01	-1.304e+04
		-1.813e+04	-80.22	2.90e-04		19.3	-2578.86	988.54	-51.97	-879.80	136.90	-1.502e+04
						38.7	-2578.86	2882.71	-51.97	-1023.12	-80.22	1.597e+04
235	64	9081.53	9575.20	0.07	-1.52	0.0	-3647.46	-989.56	10.71	1271.80	8813.53	-2.866e+04
		-3.372e+04	8813.53	-4.18e-03		19.3	-3647.46	762.27	10.71	1945.37	9194.36	-2.915e+04

235	65	1.228e+04	-5668.10	-0.07	-1.90	38.7	-3647.46	2355.27	10.71	2635.27	9575.20	9081.53
		-2.140e+04	-7060.44	1.49e-03		0.0	-1783.05	-838.59	-27.01	-1573.26	-5668.10	-1.737e+04
235	74	6089.81	8409.03	0.07	-1.51	19.3	-1783.05	972.91	-27.01	-2069.10	-6364.27	-1.784e+04
		-3.833e+04	8242.03	-4.46e-03		38.7	-1783.05	2988.22	-27.01	-2582.07	-7060.44	1.228e+04
235	79	1.060e+04	1259.70	6.40e-03	-1.61	0.0	-3489.43	-1009.34	22.93	991.94	8242.03	-3.376e+04
		-2.633e+04	984.33	-1.25e-03		19.3	-3489.43	708.01	22.93	1636.91	8325.53	-3.325e+04
235	81	1.085e+04	2303.07	6.71e-03	-1.78	38.7	-3489.43	2294.65	22.93	2309.25	8409.03	6089.81
		-3.042e+04	1894.51	-1.57e-03		0.0	-2634.13	-889.10	-7.12	-227.13	1259.70	-2.190e+04
235	82	1.136e+04	2281.97	6.97e-03	-1.81	19.3	-2634.13	836.79	-7.12	-144.95	1122.01	-2.243e+04
		-3.058e+04	1856.17	-1.58e-03		38.7	-2634.13	2584.82	-7.12	-63.69	984.33	1.060e+04
235	83	1.162e+04	1217.52	6.91e-03	-1.67	0.0	-2904.56	-972.36	-10.57	27.55	2303.07	-2.562e+04
		-2.666e+04	907.65	-1.26e-03		19.3	-2904.56	939.48	-10.57	132.00	2098.79	-2.597e+04
235	85	1.180e+04	1947.87	7.13e-03	-1.79	38.7	-2904.56	2874.57	-10.57	237.28	1894.51	1.085e+04
		-2.952e+04	1544.78	-1.48e-03		0.0	-2921.11	-989.85	-11.01	-2.06	2281.97	-2.570e+04
235	86	1.060e+04	1259.70	6.40e-03	-1.61	19.3	-2921.11	954.34	-11.01	102.49	2069.07	-2.607e+04
		-2.633e+04	984.33	-1.25e-03		38.7	-2921.11	2922.66	-11.01	207.69	1856.17	1.136e+04
235	87	1.073e+04	1781.38	6.55e-03	-1.70	0.0	-2667.24	-924.09	-8.01	-286.36	1217.52	-2.204e+04
		-2.838e+04	1439.42	-1.41e-03		19.3	-2667.24	866.51	-8.01	-203.98	1062.59	-2.263e+04
235	88	1.081e+04	1251.27	6.50e-03	-1.63	38.7	-2667.24	2681.00	-8.01	-122.88	907.65	1.162e+04
		-2.640e+04	968.99	-1.25e-03		0.0	-2856.53	-982.37	-10.42	-108.08	1947.87	-2.465e+04
235	90	1.088e+04	1564.27	6.59e-03	-1.68	19.3	-2856.53	938.40	-10.42	-10.11	1746.33	-2.511e+04
		-2.762e+04	1242.05	-1.35e-03		38.7	-2856.53	2883.83	-10.42	87.80	1544.78	1.180e+04
235	91	1.060e+04	1259.70	6.40e-03	-1.61	0.0	-2634.13	-889.10	-7.12	-227.13	1259.70	-2.190e+04
		-2.633e+04	984.33	-1.25e-03		19.3	-2634.13	836.79	-7.12	-144.95	1122.01	-2.243e+04
235	92	1.068e+04	1572.71	6.49e-03	-1.66	38.7	-2634.13	2584.82	-7.12	-63.69	984.33	1.060e+04
		-2.756e+04	1257.38	-1.34e-03		0.0	-2715.26	-914.08	-8.15	-150.73	1572.71	-2.301e+04
260	4	2.004e+04	9.527e+04	-4.64e-03	-1.86	19.3	-2715.26	867.59	-8.15	-61.87	1415.05	-2.349e+04
		-1.638e+04	4.269e+04	-2.72e-03		38.7	-2715.26	2671.74	-8.15	26.60	1257.38	1.068e+04
260	5	1.373e+04	6.470e+04	-3.67e-03	-1.28	0.0	-858.26	-2740.24	1104.28	-3649.72	4.269e+04	2.004e+04
		-1.088e+04	2.922e+04	-1.87e-03		23.8	-858.26	-282.93	1104.28	-3558.58	6.898e+04	-1.600e+04
260	15	1.488e+04	8.265e+04	8.32e-03	-1.52	47.6	-858.26	2196.47	1104.28	-3506.93	9.527e+04	6735.06
		-8631.49	3.572e+04	-2.91e-03		0.0	-560.54	-1855.52	745.19	-2347.92	2.922e+04	1.373e+04
260	19	1.481e+04	8.204e+04	8.32e-03	-1.51	23.8	-560.54	-188.05	745.19	-2309.11	4.696e+04	-1.063e+04
		-8567.71	3.589e+04	-2.68e-03		47.6	-560.54	1496.93	745.19	-2295.93	6.470e+04	4912.37
260	22	1.356e+04	5.160e+04	-2.00e-03	-1.14	0.0	-868.77	-1667.42	990.49	-3409.93	3.572e+04	1.488e+04
		-1.408e+04	2.427e+04	-1.19e-03		23.8	-868.77	-160.56	990.49	-3295.70	5.918e+04	-8424.90
260	30	1.365e+04	5.408e+04	-4.42e-03	-1.18	47.6	-868.77	1782.00	990.49	-3231.04	8.265e+04	6738.06
		-1.410e+04	2.319e+04	-1.02e-03		0.0	-868.99	-1670.45	973.42	-3207.92	3.589e+04	1.481e+04
260	31	1.567e+04	8.092e+04	5.73e-03	-1.52	23.8	-868.99	-164.08	973.42	-3122.44	5.897e+04	-8344.53
		-1.026e+04	3.231e+04	-4.19e-03		47.6	-868.99	1769.52	973.42	-3087.35	8.204e+04	6466.29
260	47	1.513e+04	8.828e+04	1.00e-02	-1.59	0.0	-302.96	-2173.14	569.41	-1746.91	2.427e+04	1.356e+04
		-7672.70	3.772e+04	-3.26e-03		23.8	-302.96	-228.36	569.41	-1734.67	3.794e+04	-1.378e+04
260	51	1.503e+04	8.746e+04	0.01	-1.58	47.6	-302.96	1323.59	569.41	-1725.95	5.160e+04	3483.56
		-7586.22	3.796e+04	-2.95e-03		0.0	-303.38	-2133.21	632.05	-939.63	2.319e+04	1.365e+04
260	54	1.334e+04	4.618e+04	-2.79e-03	-1.09	23.8	-303.38	-241.39	632.05	-1032.63	3.864e+04	-1.376e+04
		-1.506e+04	2.220e+04	-9.38e-04		47.6	-303.38	1386.15	632.05	-1130.89	5.408e+04	2486.61
260	62	1.347e+04	4.955e+04	-4.92e-03	-1.14	0.0	-757.31	-1709.40	1033.87	-4833.89	3.231e+04	1.567e+04
		-1.509e+04	2.074e+04	-7.32e-04		23.8	-757.31	-157.02	1033.87	-4345.79	5.662e+04	-1.005e+04
260	63	1.620e+04	8.594e+04	6.49e-03	-1.60	47.6	-757.31	1811.66	1033.87	-3911.70	8.092e+04	8149.97
		-9876.81	3.311e+04	-5.10e-03		0.0	-969.45	-1576.87	1068.48	-3741.91	3.772e+04	1.513e+04
260	79	1.386e+04	6.531e+04	-3.64e-03	-1.29	23.8	-969.45	-147.87	1068.48	-3604.40	6.300e+04	-7485.65
						47.6	-969.45	1865.82	1068.48	-3524.52	8.828e+04	7365.73
						0.0	-969.74	-1580.97	1045.34	-3467.97	3.796e+04	1.503e+04
						23.8	-969.74	-152.64	1045.34	-3369.47	6.271e+04	-7376.67
						47.6	-969.74	1848.90	1045.34	-3329.68	8.746e+04	6997.21
						0.0	-202.21	-2262.62	497.49	-1486.86	2.220e+04	1.334e+04
						23.8	-202.21	-239.80	497.49	-1487.65	3.419e+04	-1.475e+04
						47.6	-202.21	1244.22	497.49	-1483.62	4.618e+04	2952.64
						0.0	-202.77	-2208.47	582.43	-392.18	2.074e+04	1.347e+04
						23.8	-202.77	-257.48	582.43	-535.69	3.515e+04	-1.471e+04
						47.6	-202.77	1329.04	582.43	-676.72	4.955e+04	1600.79
						0.0	-818.30	-1633.78	1127.31	-5672.80	3.311e+04	1.620e+04
						23.8	-818.30	-143.07	1127.31	-5028.33	5.952e+04	-9688.61
						47.6	-818.30	1906.03	1127.31	-4447.49	8.594e+04	9280.25
						0.0	-567.88	-1874.06	752.68	-2382.60	2.947e+04	1.386e+04

		-1.100e+04	2.947e+04	-1.88e-03		23.8	-567.88	-190.33	752.68	-2341.16	4.739e+04	-1.075e+04
						47.6	-567.88	1510.80	752.68	-2325.69	6.531e+04	4930.30
260	82	1.512e+04	7.182e+04	-3.59e-03	-1.41	0.0	-643.00	-2064.34	831.56	-2727.70	3.222e+04	1.512e+04
		-1.230e+04	3.222e+04	-2.05e-03		23.8	-643.00	-212.47	831.56	-2663.18	5.202e+04	-1.202e+04
						47.6	-643.00	1656.51	831.56	-2628.21	7.182e+04	5135.46
260	86	1.386e+04	6.531e+04	-3.64e-03	-1.29	0.0	-567.88	-1874.06	752.68	-2382.60	2.947e+04	1.386e+04
		-1.100e+04	2.947e+04	-1.88e-03		23.8	-567.88	-190.33	752.68	-2341.16	4.739e+04	-1.075e+04
						47.6	-567.88	1510.80	752.68	-2325.69	6.531e+04	4930.30
260	87	1.440e+04	6.782e+04	-3.58e-03	-1.34	0.0	-598.03	-1953.62	783.91	-2540.62	3.049e+04	1.440e+04
		-1.154e+04	3.049e+04	-1.95e-03		23.8	-598.03	-200.15	783.91	-2486.82	4.916e+04	-1.127e+04
						47.6	-598.03	1570.39	783.91	-2460.62	6.782e+04	5004.67
260	91	1.386e+04	6.531e+04	-3.64e-03	-1.29	0.0	-567.88	-1874.06	752.68	-2382.60	2.947e+04	1.386e+04
		-1.100e+04	2.947e+04	-1.88e-03		23.8	-567.88	-190.33	752.68	-2341.16	4.739e+04	-1.075e+04
						47.6	-567.88	1510.80	752.68	-2325.69	6.531e+04	4930.30
260	92	1.418e+04	6.682e+04	-3.60e-03	-1.32	0.0	-585.97	-1921.79	771.42	-2477.42	3.008e+04	1.418e+04
		-1.132e+04	3.008e+04	-1.92e-03		23.8	-585.97	-196.22	771.42	-2428.56	4.845e+04	-1.108e+04
						47.6	-585.97	1546.56	771.42	-2406.65	6.682e+04	4974.92
261	4	2.471e+04	4.765e+04	4.05e-03	-2.12	0.0	-1375.31	-2921.53	650.42	-153.44	1.667e+04	2.471e+04
		-1.133e+04	1.667e+04	-0.01		23.8	-1375.31	-101.87	650.42	-25.04	3.216e+04	-1.133e+04
						47.6	-1375.31	2740.25	650.42	103.04	4.765e+04	2.003e+04
261	5	1.677e+04	3.255e+04	-3.30e-03	-1.45	0.0	-925.36	-1976.48	438.80	-44.07	1.165e+04	1.677e+04
		-7591.87	1.165e+04	-7.02e-03		23.8	-925.36	-66.93	438.80	15.16	2.210e+04	-7591.87
						47.6	-925.36	1860.99	438.80	74.60	3.255e+04	1.373e+04
261	11	2.440e+04	4.774e+04	4.21e-03	-2.11	0.0	-1370.29	-2895.35	648.69	-109.90	1.685e+04	2.440e+04
		-1.131e+04	1.685e+04	-0.01		23.8	-1370.29	-100.42	648.69	1.78	3.229e+04	-1.131e+04
						47.6	-1370.29	2717.89	648.69	113.47	4.774e+04	1.980e+04
261	15	1.865e+04	4.037e+04	7.37e-03	-1.70	0.0	-1275.89	-1790.29	584.87	-788.80	1.259e+04	1.865e+04
		-5870.77	1.259e+04	-9.43e-03		23.8	-1275.89	-53.25	584.87	-451.51	2.648e+04	-5870.77
						47.6	-1275.89	2168.73	584.87	-229.01	4.037e+04	1.488e+04
261	18	1.610e+04	2.671e+04	-1.60e-03	-1.32	0.0	-642.00	-2304.87	323.57	650.08	1.122e+04	1.610e+04
		-9869.35	1.122e+04	-5.03e-03		23.8	-642.00	-86.74	323.57	456.49	1.897e+04	-9869.35
						47.6	-642.00	1682.25	323.57	377.75	2.671e+04	1.348e+04
261	25	1.706e+04	2.759e+04	-4.16e-03	-1.45	0.0	-773.49	-2136.27	428.62	-129.18	6625.81	1.706e+04
		-8839.09	6625.81	-7.36e-03		23.8	-773.49	-86.18	428.62	49.23	1.711e+04	-8839.09
						47.6	-773.49	1861.90	428.62	234.56	2.759e+04	1.442e+04
261	27	1.841e+04	4.082e+04	8.60e-03	-1.65	0.0	-1245.44	-1848.24	543.50	-963.63	1.533e+04	1.841e+04
		-6305.46	1.533e+04	-8.52e-03		23.8	-1245.44	-51.56	543.50	-689.76	2.807e+04	-6305.46
						47.6	-1245.44	2103.06	543.50	-433.76	4.082e+04	1.471e+04
261	31	1.889e+04	3.746e+04	5.19e-03	-1.73	0.0	-1216.07	-1791.91	602.96	-1931.74	8664.40	1.889e+04
		-6293.29	8664.40	-0.01		23.8	-1216.07	-61.66	602.96	-1261.38	2.306e+04	-6293.29
						47.6	-1216.07	2185.91	602.96	-641.58	3.746e+04	1.567e+04
261	47	1.910e+04	4.280e+04	8.84e-03	-1.78	0.0	-1388.72	-1698.70	631.38	-1044.92	1.283e+04	1.910e+04
		-5159.03	1.283e+04	-0.01		23.8	-1388.72	-47.29	631.38	-613.13	2.782e+04	-5159.03
						47.6	-1388.72	2255.33	631.38	-337.01	4.280e+04	1.513e+04
261	50	1.565e+04	2.428e+04	-2.40e-03	-1.26	0.0	-529.17	-2396.47	277.06	906.20	1.098e+04	1.565e+04
		-1.058e+04	1.098e+04	-4.25e-03		23.8	-529.17	-92.70	277.06	618.11	1.763e+04	-1.058e+04
						47.6	-529.17	1595.66	277.06	485.75	2.428e+04	1.324e+04
261	57	1.695e+04	2.546e+04	-4.50e-03	-1.43	0.0	-707.47	-2167.84	419.51	-150.48	4745.64	1.695e+04
		-9184.07	4745.64	-7.41e-03		23.8	-707.47	-91.94	419.51	65.88	1.511e+04	-9184.07
						47.6	-707.47	1839.25	419.51	291.59	2.546e+04	1.450e+04
261	59	1.878e+04	4.340e+04	0.01	-1.71	0.0	-1347.43	-1777.27	575.29	-1282.00	1.654e+04	1.878e+04
		-5748.46	1.654e+04	-8.98e-03		23.8	-1347.43	-45.00	575.29	-936.20	2.997e+04	-5748.46
						47.6	-1347.43	2166.28	575.29	-614.65	4.340e+04	1.490e+04
261	63	1.942e+04	3.886e+04	5.89e-03	-1.81	0.0	-1307.61	-1700.89	655.92	-2594.75	7509.98	1.942e+04
		-5731.96	7509.98	-0.01		23.8	-1307.61	-58.70	655.92	-1711.32	2.318e+04	-5731.96
						47.6	-1307.61	2278.62	655.92	-896.46	3.886e+04	1.620e+04
261	79	1.694e+04	3.284e+04	-3.27e-03	-1.46	0.0	-935.10	-1996.45	443.21	-49.95	1.173e+04	1.694e+04
		-7669.83	1.173e+04	-7.08e-03		23.8	-935.10	-67.79	443.21	12.59	2.228e+04	-7669.83
						47.6	-935.10	1879.07	443.21	75.29	3.284e+04	1.386e+04
261	82	1.862e+04	3.596e+04	3.15e-03	-1.60	0.0	-1035.05	-2200.56	489.77	-105.03	1.263e+04	1.862e+04
		-8524.04	1.263e+04	-7.74e-03		23.8	-1035.05	-76.38	489.77	-13.30	2.429e+04	-8524.04
						47.6	-1035.05	2065.32	489.77	78.27	3.596e+04	1.512e+04
261	85	1.841e+04	3.602e+04	3.26e-03	-1.59	0.0	-1031.71	-2183.11	488.62	-76.00	1.274e+04	1.841e+04
		-8510.58	1.274e+04	-7.75e-03		23.8	-1031.71	-75.41	488.62	4.58	2.438e+04	-8510.58
						47.6	-1031.71	2050.42	488.62	85.23	3.602e+04	1.496e+04
261	86	1.694e+04	3.284e+04	-3.27e-03	-1.46	0.0	-935.10	-1996.45	443.21	-49.95	1.173e+04	1.694e+04
		-7669.83	1.173e+04	-7.08e-03		23.8	-935.10	-67.79	443.21	12.59	2.228e+04	-7669.83
						47.6	-935.10	1879.07	443.21	75.29	3.284e+04	1.386e+04
261	87	1.766e+04	3.401e+04	-3.19e-03	-1.52	0.0	-974.83	-2081.67	461.56	-82.30	1.203e+04	1.766e+04
		-8003.55	1.203e+04	-7.33e-03		23.8	-974.83	-71.46	461.56	-4.24	2.302e+04	-8003.55
						47.6	-974.83	1956.44	461.56	73.76	3.401e+04	1.440e+04
261	91	1.694e+04	3.284e+04	-3.27e-03	-1.46	0.0	-935.10	-1996.45	443.21	-49.95	1.173e+04	1.694e+04
		-7669.83	1.173e+04	-7.08e-03		23.8	-935.10	-67.79	443.21	12.59	2.228e+04	-7669.83
						47.6	-935.10	1879.07	443.21	75.29	3.284e+04	1.386e+04
261	92	1.737e+04	3.354e+04	-3.22e-03	-1.50	0.0	-958.94	-2047.58	454.22	-69.36	1.191e+04	1.737e+04
		-7870.06	1.191e+04	-7.23e-03		23.8	-958.94	-69.99	454.22	2.49	2.272e+04	-7870.06
						47.6	-958.94	1925.49	454.22	74.37	3.354e+04	1.418e+04

262	4	3.214e+04	2.041e+04	2.21e-03	-2.27	0.0	-1363.02	-4150.05	288.63	2172.27	2158.33	3.214e+04
		-3.537e+04	2158.33	-0.02		31.6	-1363.02	-120.12	288.63	2273.43	1.129e+04	-3.537e+04
						63.2	-1363.02	3927.05	288.63	2430.46	2.041e+04	2.472e+04
262	5	2.157e+04	1.416e+04	2.26e-03	-1.55	0.0	-934.13	-2798.03	193.25	1534.52	1934.93	2.157e+04
		-2.393e+04	1934.93	-0.01		31.6	-934.13	-78.63	193.25	1562.10	8046.59	-2.393e+04
						63.2	-934.13	2658.61	193.25	1628.07	1.416e+04	1.678e+04
262	7	2.460e+04	1.540e+04	1.64e-03	-1.74	0.0	-1035.48	-3171.15	219.41	1628.42	1526.06	2.460e+04
		-2.698e+04	1526.06	-0.01		31.6	-1035.48	-91.43	219.41	1717.62	8464.96	-2.698e+04
						63.2	-1035.48	3001.07	219.41	1849.03	1.540e+04	1.895e+04
262	11	3.175e+04	2.057e+04	2.43e-03	-2.25	0.0	-1360.25	-4110.16	287.22	2207.03	2401.52	3.175e+04
		-3.512e+04	2401.52	-0.02		31.6	-1360.25	-119.10	287.22	2283.55	1.148e+04	-3.512e+04
						63.2	-1360.25	3890.96	287.22	2416.20	2.057e+04	2.441e+04
262	24	2.301e+04	1.952e+04	6.88e-03	-1.65	0.0	-1085.19	-2824.86	222.75	1803.22	5806.29	2.301e+04
		-2.399e+04	5806.29	-0.01		31.6	-1085.19	-74.96	222.75	1713.70	1.267e+04	-2.399e+04
						63.2	-1085.19	2833.76	222.75	1713.61	1.952e+04	1.770e+04
262	31	2.468e+04	1.276e+04	3.98e-03	-1.84	0.0	-1294.01	-2547.89	259.50	-53.54	-3270.93	2.468e+04
		-2.120e+04	-3270.93	-0.02		31.6	-1294.01	-68.21	259.50	898.68	4742.74	-2.120e+04
						63.2	-1294.01	3092.39	259.50	1506.97	1.276e+04	1.890e+04
262	34	2.014e+04	1.626e+04	-8.30e-04	-1.45	0.0	-631.89	-3256.06	141.65	3178.02	6917.48	2.014e+04
		-2.836e+04	6917.48	-9.48e-03		31.6	-631.89	-96.16	141.65	2314.17	1.159e+04	-2.836e+04
						63.2	-631.89	2415.51	141.65	1873.20	1.626e+04	1.587e+04
262	37	2.389e+04	1.077e+04	-2.63e-03	-1.76	0.0	-1160.73	-2665.78	235.84	98.21	-4202.29	2.389e+04
		-2.241e+04	-4202.29	-0.02		31.6	-1160.73	-75.31	235.84	961.91	3281.48	-2.241e+04
						63.2	-1160.73	2975.93	235.84	1530.99	1.077e+04	1.842e+04
262	56	2.322e+04	2.131e+04	8.59e-03	-1.67	0.0	-1128.71	-2797.41	230.64	1889.01	7224.25	2.322e+04
		-2.371e+04	7224.25	-0.01		31.6	-1128.71	-72.38	230.64	1751.89	1.427e+04	-2.371e+04
						63.2	-1128.71	2862.18	230.64	1721.99	2.131e+04	1.782e+04
262	63	2.549e+04	1.213e+04	4.66e-03	-1.92	0.0	-1411.86	-2421.83	280.48	-628.75	-5084.47	2.549e+04
		-1.992e+04	-5084.47	-0.02		31.6	-1411.86	-63.23	280.48	646.72	3523.90	-1.992e+04
						63.2	-1411.86	3212.88	280.48	1441.78	1.213e+04	1.944e+04
262	66	1.934e+04	1.689e+04	-5.06e-04	-1.40	0.0	-514.04	-3382.12	120.67	3753.23	8731.02	1.934e+04
		-2.963e+04	8731.02	-8.13e-03		31.6	-514.04	-101.13	120.67	2566.12	1.281e+04	-2.963e+04
						63.2	-514.04	2295.02	120.67	1938.39	1.689e+04	1.533e+04
262	69	2.441e+04	9432.25	-2.82e-03	-1.82	0.0	-1231.13	-2581.69	248.40	-422.99	-6347.38	2.441e+04
		-2.157e+04	-6347.38	-0.02		31.6	-1231.13	-72.86	248.40	732.46	1542.43	-2.157e+04
						63.2	-1231.13	3054.95	248.40	1474.35	9432.25	1.879e+04
262	79	2.180e+04	1.426e+04	2.20e-03	-1.56	0.0	-942.68	-2827.35	195.34	1543.46	1905.05	2.180e+04
		-2.417e+04	1905.05	-0.01		31.6	-942.68	-79.63	195.34	1575.32	8082.77	-2.417e+04
						63.2	-942.68	2685.46	195.34	1645.89	1.426e+04	1.695e+04
262	81	2.383e+04	1.509e+04	1.78e-03	-1.69	0.0	-1010.25	-3076.10	212.78	1606.06	1632.47	2.383e+04
		-2.620e+04	1632.47	-0.01		31.6	-1010.25	-88.15	212.78	1678.99	8361.69	-2.620e+04
						63.2	-1010.25	2913.77	212.78	1793.20	1.509e+04	1.840e+04
262	82	2.417e+04	1.544e+04	1.81e-03	-1.71	0.0	-1028.67	-3124.13	217.07	1648.01	1712.82	2.417e+04
		-2.664e+04	1712.82	-0.01		31.6	-1028.67	-90.03	217.07	1716.85	8577.73	-2.664e+04
						63.2	-1028.67	2958.20	217.07	1827.88	1.544e+04	1.863e+04
262	85	2.391e+04	1.555e+04	1.95e-03	-1.70	0.0	-1026.83	-3097.54	216.13	1671.19	1874.94	2.391e+04
		-2.648e+04	1874.94	-0.01		31.6	-1026.83	-89.36	216.13	1723.60	8710.10	-2.648e+04
						63.2	-1026.83	2934.14	216.13	1818.37	1.555e+04	1.842e+04
262	86	2.180e+04	1.426e+04	2.20e-03	-1.56	0.0	-942.68	-2827.35	195.34	1543.46	1905.05	2.180e+04
		-2.417e+04	1905.05	-0.01		31.6	-942.68	-79.63	195.34	1575.32	8082.77	-2.417e+04
						63.2	-942.68	2685.46	195.34	1645.89	1.426e+04	1.695e+04
262	87	2.282e+04	1.468e+04	1.99e-03	-1.62	0.0	-976.46	-2951.73	204.06	1574.76	1768.76	2.282e+04
		-2.518e+04	1768.76	-0.01		31.6	-976.46	-83.89	204.06	1627.16	8222.23	-2.518e+04
						63.2	-976.46	2799.61	204.06	1719.54	1.468e+04	1.717e+04
262	91	2.180e+04	1.426e+04	2.20e-03	-1.56	0.0	-942.68	-2827.35	195.34	1543.46	1905.05	2.180e+04
		-2.417e+04	1905.05	-0.01		31.6	-942.68	-79.63	195.34	1575.32	8082.77	-2.417e+04
						63.2	-942.68	2685.46	195.34	1645.89	1.426e+04	1.695e+04
262	92	2.241e+04	1.451e+04	2.08e-03	-1.60	0.0	-962.95	-2901.98	200.57	1562.24	1823.27	2.241e+04
		-2.478e+04	1823.27	-0.01		31.6	-962.95	-82.18	200.57	1606.42	8166.45	-2.478e+04
						63.2	-962.95	2753.95	200.57	1690.08	1.451e+04	1.738e+04
263	3	3.350e+04	4431.29	3.05e-03	-2.35	0.0	-1330.53	-4230.34	84.03	3728.68	-883.55	3.350e+04
		-3.367e+04	-883.55	-0.02		31.6	-1330.53	-25.39	84.03	3671.47	1773.87	-3.367e+04
						63.2	-1330.53	4153.62	84.03	3709.12	4431.29	3.162e+04
263	4	3.411e+04	4605.85	3.12e-03	-2.39	0.0	-1352.84	-4305.33	85.74	3834.19	-817.49	3.411e+04
		-3.426e+04	-817.49	-0.02		31.6	-1352.84	-26.78	85.74	3766.14	1894.18	-3.426e+04
						63.2	-1352.84	4225.21	85.74	3795.40	4605.85	3.214e+04
263	5	2.272e+04	3576.04	1.37e-03	-1.62	0.0	-942.06	-2891.88	55.60	2711.72	59.08	2.272e+04
		-2.319e+04	59.08	-0.01		31.6	-942.06	-16.26	55.60	2619.67	1817.56	-2.319e+04
						63.2	-942.06	2847.66	55.60	2595.31	3576.04	2.157e+04
263	9	3.137e+04	4969.95	2.15e-03	-2.22	0.0	-1286.99	-3981.92	77.53	3770.51	65.92	3.137e+04
		-3.188e+04	65.92	-0.02		31.6	-1286.99	-24.54	77.53	3637.48	2517.93	-3.188e+04
						63.2	-1286.99	3914.53	77.53	3598.43	4969.95	2.962e+04
263	31	2.559e+04	-1149.71	1.35e-03	-1.91	0.0	-1332.38	-2667.03	70.59	1837.58	-5641.87	2.559e+04
		-2.069e+04	-5641.87	-0.02		31.6	-1332.38	-12.98	70.59	2571.81	-3395.79	-2.069e+04
						63.2	-1332.38	3305.84	70.59	1664.37	-1149.71	2.468e+04
263	34	2.172e+04	8201.61	-2.83e-03	-1.54	0.0	-602.38	-3339.12	46.17	3683.32	5308.74	2.172e+04
		-2.736e+04	5308.74	-0.01		31.6	-602.38	-21.53	46.17	2793.88	6755.17	-2.736e+04

263	36	2.241e+04	9175.67	1.58e-03	-1.58	63.2	-602.38	2602.73	46.17	3684.74	8201.61	2.014e+04
		-2.654e+04	5355.53	-0.01		0.0	-703.11	-3246.79	58.25	3573.89	5355.53	2.241e+04
						31.6	-703.11	-21.18	58.25	2727.42	7265.60	2.654e+04
263	37	2.490e+04	-2123.77	-2.82e-03	-1.86	63.2	-703.11	2706.44	58.25	3553.53	9175.67	2.094e+04
		-2.151e+04	-5688.66	-0.02		0.0	-1231.64	-2759.36	58.51	1947.00	-5688.66	2.490e+04
						31.6	-1231.64	-13.33	58.51	2638.27	-3906.21	-2.151e+04
263	63	2.627e+04	-2814.24	1.41e-03	-1.99	63.2	-1231.64	3202.13	58.51	1795.59	-2123.77	2.389e+04
		-1.951e+04	-7591.07	-0.02		0.0	-1462.32	-2547.40	74.94	1509.03	-7591.07	2.627e+04
						31.6	-1462.32	-11.46	74.94	2532.28	-5202.66	-1.951e+04
263	66	2.103e+04	9866.14	-3.24e-03	-1.49	63.2	-1462.32	3430.99	74.94	1304.75	-2814.24	2.549e+04
		-2.854e+04	7257.94	-0.01		0.0	-472.44	-3458.76	41.82	4011.86	7257.94	2.103e+04
						31.6	-472.44	-23.05	41.82	2833.41	8562.04	2.854e+04
263	68	2.196e+04	1.119e+04	1.61e-03	-1.55	63.2	-472.44	2477.57	41.82	4044.36	9866.14	1.934e+04
		-2.744e+04	7321.39	-0.01		0.0	-609.03	-3333.56	58.21	3863.48	7321.39	2.196e+04
						31.6	-609.03	-22.58	58.21	2743.29	9254.18	-2.744e+04
263	69	2.535e+04	-4135.06	-3.23e-03	-1.92	63.2	-609.03	2618.20	58.21	3866.44	1.119e+04	2.041e+04
		-2.061e+04	-7654.52	-0.02		0.0	-1325.72	-2672.60	58.55	1657.41	-7654.52	2.535e+04
						31.6	-1325.72	-11.93	58.55	2622.40	-5894.79	-2.061e+04
263	79	2.298e+04	3563.86	1.47e-03	-1.64	63.2	-1325.72	3290.36	58.55	1482.68	-4135.06	2.441e+04
		-2.343e+04	-3.10	-0.01		0.0	-949.74	-2923.40	56.39	2726.61	-3.10	2.298e+04
						31.6	-949.74	-16.53	56.39	2638.18	1780.38	-2.343e+04
263	81	2.522e+04	3437.50	2.17e-03	-1.78	63.2	-949.74	2877.83	56.39	2617.91	3563.86	2.180e+04
		-2.541e+04	-548.00	-0.02		0.0	-1008.53	-3189.00	63.01	2839.40	-548.00	2.522e+04
						31.6	-1008.53	-18.95	63.01	2787.07	1444.75	-2.541e+04
263	82	2.563e+04	3553.86	2.21e-03	-1.80	63.2	-1008.53	3132.67	63.01	2806.74	3437.50	2.383e+04
		-2.581e+04	-503.96	-0.02		0.0	-1023.40	-3238.99	64.16	2909.75	-503.96	2.563e+04
						31.6	-1023.40	-19.87	64.16	2850.18	1524.95	-2.581e+04
263	83	2.380e+04	3796.60	1.56e-03	-1.69	63.2	-1023.40	3180.40	64.16	2864.26	3553.86	2.417e+04
		-2.422e+04	84.98	-0.01		0.0	-979.50	-3023.38	58.68	2867.30	84.98	2.380e+04
						31.6	-979.50	-18.39	58.68	2764.41	1940.79	-2.422e+04
263	86	2.298e+04	3563.86	1.47e-03	-1.64	63.2	-979.50	2973.28	58.68	2732.94	3796.60	2.250e+04
		-2.343e+04	-3.10	-0.01		0.0	-949.74	-2923.40	56.39	2726.61	-3.10	2.298e+04
						31.6	-949.74	-16.53	56.39	2638.18	1780.38	-2.343e+04
263	87	2.410e+04	3500.68	1.82e-03	-1.71	63.2	-949.74	2877.83	56.39	2617.91	3563.86	2.180e+04
		-2.442e+04	-275.55	-0.01		0.0	-979.13	-3056.20	59.70	2783.01	-275.55	2.410e+04
						31.6	-979.13	-17.74	59.70	2712.62	1612.57	-2.442e+04
263	88	2.315e+04	3610.41	1.49e-03	-1.65	63.2	-979.13	3005.25	59.70	2712.32	3500.68	2.282e+04
		-2.359e+04	14.52	-0.01		0.0	-955.69	-2943.40	56.85	2754.75	14.52	2.315e+04
						31.6	-955.69	-16.90	56.85	2663.42	1812.46	-2.359e+04
263	91	2.298e+04	3563.86	1.47e-03	-1.64	63.2	-955.69	2896.92	56.85	2640.92	3610.41	2.194e+04
		-2.343e+04	-3.10	-0.01		0.0	-949.74	-2923.40	56.39	2726.61	-3.10	2.298e+04
						31.6	-949.74	-16.53	56.39	2638.18	1780.38	-2.343e+04
263	92	2.365e+04	3525.95	1.68e-03	-1.68	63.2	-949.74	2877.83	56.39	2617.91	3563.86	2.180e+04
		-2.403e+04	-166.57	-0.01		0.0	-967.38	-3003.08	58.38	2760.45	-166.57	2.365e+04
						31.6	-967.38	-17.26	58.38	2682.84	1679.69	-2.403e+04
264	3	3.350e+04	1402.20	5.21e-03	-2.40	63.2	-967.38	2954.28	58.38	2674.56	3525.95	2.241e+04
		-1.989e+04	-3102.28	-0.02		0.0	-1136.46	-3802.21	79.99	5513.37	-3102.28	3.341e+04
						28.2	-1136.46	8.11	79.99	5260.28	-850.04	-1.989e+04
264	4	3.411e+04	1525.20	5.31e-03	-2.45	56.3	-1136.46	3779.27	79.99	5114.59	1402.20	3.350e+04
		-2.020e+04	-3085.27	-0.02		0.0	-1150.05	-3869.57	81.88	5670.56	-3085.27	3.406e+04
						28.2	-1150.05	7.65	81.88	5402.42	-780.04	-2.020e+04
264	5	2.272e+04	1672.53	2.99e-03	-1.65	56.3	-1150.05	3844.94	81.88	5244.57	1525.20	3.411e+04
		-1.370e+04	-1429.58	-0.01		0.0	-811.63	-2591.35	55.09	4042.79	-1429.58	2.264e+04
						28.2	-811.63	5.16	55.09	3814.77	121.47	-1.370e+04
264	9	3.137e+04	2306.98	4.31e-03	-2.27	56.3	-811.63	2579.25	55.09	3664.63	1672.53	2.272e+04
		-1.875e+04	-2012.19	-0.02		0.0	-1096.34	-3570.57	76.70	5612.99	-2012.19	3.134e+04
						28.2	-1096.34	5.99	76.70	5291.88	147.40	-1.875e+04
264	31	2.559e+04	-3677.34	3.15e-03	-1.94	56.3	-1096.34	3550.18	76.70	5078.81	2306.98	3.137e+04
		-1.177e+04	-6558.12	-0.01		0.0	-1176.80	-2403.77	39.26	3898.99	-6558.12	2.516e+04
						28.2	-1176.80	11.28	39.26	3167.77	-5117.73	-1.177e+04
264	34	2.199e+04	6660.35	-3.82e-03	-1.56	56.3	-1176.80	2983.88	39.26	2192.17	-3677.34	2.559e+04
		-1.662e+04	3113.27	-0.01		0.0	-485.59	-2983.83	74.89	4309.88	3113.27	2.199e+04
						28.2	-485.59	-0.30	74.89	4604.94	4886.81	-1.662e+04
264	36	2.255e+04	7506.83	2.73e-03	-1.59	56.3	-485.59	2376.02	74.89	5303.07	6660.35	2.172e+04
		-1.627e+04	2388.30	-0.01		0.0	-544.39	-2921.36	87.44	4181.93	2388.30	2.255e+04
						28.2	-544.39	0.52	87.44	4481.21	4947.56	-1.627e+04
264	63	2.628e+04	-5517.44	3.09e-03	-2.02	56.3	-544.39	2449.02	87.44	5109.72	7506.83	2.241e+04
		-1.091e+04	-8279.62	-0.01		0.0	-1299.83	-2300.52	32.92	3825.85	-8279.62	2.573e+04
						28.2	-1299.83	13.35	32.92	2911.95	-6898.53	-1.091e+04
264	66	2.143e+04	8500.46	-4.01e-03	-1.51	56.3	-1299.83	3092.08	32.92	1638.43	-5517.44	2.628e+04
		-1.748e+04	4834.77	-0.01		0.0	-362.55	-3087.08	81.23	4383.02	4834.77	2.143e+04
						28.2	-362.55	-2.37	81.23	4860.76	6667.61	-1.748e+04
264	68	2.218e+04	9648.27	2.53e-03	-1.55	56.3	-362.55	2267.82	81.23	5856.81	8500.46	2.103e+04
		-1.701e+04	3851.71	-0.01		0.0	-442.29	-3002.37	98.24	4209.52	3851.71	2.218e+04
						28.2	-442.29	-1.25	98.24	4692.98	6749.99	-1.701e+04
264	79	2.298e+04	1623.26	3.08e-03	-1.67	56.3	-442.29	2366.81	98.24	5594.62	9648.27	2.196e+04
						0.0	-817.73	-2620.53	55.66	4061.48	-1511.21	2.291e+04

		-1.384e+04	-1511.21	-0.01		28.2	-817.73	5.25	55.66	3835.82	56.03	-1.384e+04
						56.3	-817.73	2607.86	55.66	3688.47	1623.26	2.298e+04
264	81	2.522e+04	1184.08	3.82e-03	-1.81	0.0	-862.60	-2864.76	60.37	4204.65	-2215.26	2.515e+04
		-1.501e+04	-2215.26	-0.01		28.2	-862.60	6.05	60.37	4004.27	-515.59	-1.501e+04
						56.3	-862.60	2848.15	60.37	3885.63	1184.08	2.522e+04
264	82	2.563e+04	1266.08	3.89e-03	-1.84	0.0	-871.66	-2909.66	61.62	4309.44	-2203.93	2.558e+04
		-1.522e+04	-2203.93	-0.01		28.2	-871.66	5.74	61.62	4099.02	-468.92	-1.522e+04
						56.3	-871.66	2891.94	61.62	3972.28	1266.08	2.563e+04
264	83	2.380e+04	1787.27	3.22e-03	-1.72	0.0	-835.86	-2710.33	58.17	4271.07	-1488.53	2.377e+04
		-1.425e+04	-1488.53	-0.01		28.2	-835.86	4.63	58.17	4025.33	149.37	-1.425e+04
						56.3	-835.86	2695.43	58.17	3861.77	1787.27	2.380e+04
264	86	2.298e+04	1623.26	3.08e-03	-1.67	0.0	-817.73	-2620.53	55.66	4061.48	-1511.21	2.291e+04
		-1.384e+04	-1511.21	-0.01		28.2	-817.73	5.25	55.66	3835.82	56.03	-1.384e+04
						56.3	-817.73	2607.86	55.66	3688.47	1623.26	2.298e+04
264	87	2.410e+04	1403.67	3.45e-03	-1.74	0.0	-840.17	-2742.65	58.02	4133.07	-1863.24	2.403e+04
		-1.443e+04	-1863.24	-0.01		28.2	-840.17	5.65	58.02	3920.04	-229.78	-1.443e+04
						56.3	-840.17	2728.01	58.02	3787.05	1403.67	2.410e+04
264	88	2.315e+04	1656.06	3.11e-03	-1.68	0.0	-821.36	-2638.49	56.17	4103.40	-1506.68	2.308e+04
		-1.393e+04	-1506.68	-0.01		28.2	-821.36	5.13	56.17	3873.72	74.69	-1.393e+04
						56.3	-821.36	2625.38	56.17	3723.13	1656.06	2.315e+04
264	91	2.298e+04	1623.26	3.08e-03	-1.67	0.0	-817.73	-2620.53	55.66	4061.48	-1511.21	2.291e+04
		-1.384e+04	-1511.21	-0.01		28.2	-817.73	5.25	55.66	3835.82	56.03	-1.384e+04
						56.3	-817.73	2607.86	55.66	3688.47	1623.26	2.298e+04
264	92	2.366e+04	1491.51	3.31e-03	-1.71	0.0	-831.19	-2693.80	57.08	4104.43	-1722.43	2.358e+04
		-1.419e+04	-1722.43	-0.01		28.2	-831.19	5.49	57.08	3886.35	-115.46	-1.419e+04
						56.3	-831.19	2679.95	57.08	3747.62	1491.51	2.366e+04
265	3	3.682e+04	425.29	-5.63e-03	-2.38	0.0	-551.20	-3789.86	233.33	7671.85	-1.271e+04	3.682e+04
		-1.718e+04	-1.271e+04	-0.02		28.2	-551.20	-53.56	233.33	7167.07	-6144.09	-1.718e+04
						56.3	-551.20	3641.92	233.33	6802.95	-229.78	3.342e+04
265	4	3.754e+04	539.42	-5.72e-03	-2.42	0.0	-550.85	-3856.72	239.58	7894.18	-1.295e+04	3.754e+04
		-1.741e+04	-1.295e+04	-0.02		28.2	-550.85	-54.78	239.58	7367.66	-6206.02	-1.741e+04
						56.3	-550.85	3705.70	239.58	6985.73	539.42	3.407e+04
265	9	3.463e+04	1546.37	-4.69e-03	-2.24	0.0	-532.48	-3550.72	232.85	7869.23	-1.157e+04	3.463e+04
		-1.601e+04	-1.157e+04	-0.02		28.2	-532.48	-52.54	232.85	7294.98	-5009.57	-1.601e+04
						56.3	-532.48	3411.57	232.85	6863.90	1546.37	3.135e+04
265	12	2.645e+04	1362.60	-3.47e-03	-1.71	0.0	-405.73	-2709.28	180.09	6117.43	-8778.46	2.645e+04
		-1.219e+04	-8778.46	-0.01		28.2	-405.73	-40.41	180.09	5663.21	-3707.93	-1.219e+04
						56.3	-405.73	2603.24	180.09	5320.13	1362.60	2.394e+04
265	31	2.793e+04	-4932.28	3.75e-03	-1.90	0.0	-673.24	-2390.51	132.42	5171.14	-1.241e+04	2.793e+04
		-9925.94	-1.241e+04	-0.01		28.2	-673.24	-33.24	132.42	4062.87	-8672.38	-9925.94
						56.3	-673.24	2853.66	132.42	2987.98	-4932.28	2.517e+04
265	34	2.412e+04	6707.73	-3.72e-03	-1.51	0.0	-151.01	-2969.53	210.11	6316.76	-5099.74	2.412e+04
		-1.443e+04	-5099.74	-0.01		28.2	-151.01	-44.71	210.11	6616.73	803.99	-1.443e+04
						56.3	-151.01	2297.92	210.11	7092.93	6707.73	2.200e+04
265	36	2.481e+04	5955.47	2.56e-03	-1.53	0.0	-123.27	-2921.95	231.54	6166.23	-6623.44	2.481e+04
		-1.426e+04	-6623.44	-0.01		28.2	-123.27	-40.78	231.54	6446.88	-333.98	-1.426e+04
						56.3	-123.27	2346.53	231.54	6860.04	5955.47	2.255e+04
265	37	2.724e+04	-4180.02	-5.15e-03	-1.87	0.0	-700.98	-2438.10	110.99	5321.67	-1.089e+04	2.724e+04
		-1.010e+04	-1.089e+04	-0.01		28.2	-700.98	-37.17	110.99	4232.72	-7534.40	-1.010e+04
						56.3	-700.98	2805.06	110.99	3220.86	-4180.02	2.462e+04
265	38	2.418e+04	6581.69	-3.79e-03	-1.52	0.0	-156.17	-2957.74	201.91	6414.11	-5123.41	2.418e+04
		-1.444e+04	-5123.41	-0.01		28.2	-156.17	-44.71	201.91	6722.54	729.14	-1.444e+04
						56.3	-156.17	2310.20	201.91	7175.62	6581.69	2.206e+04
265	63	2.861e+04	-7004.19	3.79e-03	-1.98	0.0	-766.20	-2287.45	118.59	4967.22	-1.371e+04	2.861e+04
		-9123.49	-1.371e+04	-0.01		28.2	-766.20	-31.19	118.59	3608.29	-1.036e+04	-9123.49
						56.3	-766.20	2952.59	118.59	2257.30	-7004.19	2.573e+04
265	66	2.344e+04	8779.65	-3.75e-03	-1.47	0.0	-58.06	-3072.60	223.94	6520.69	-3798.08	2.344e+04
		-1.524e+04	-3798.08	-0.01		28.2	-58.06	-46.76	223.94	7071.32	2490.78	-1.524e+04
						56.3	-58.06	2199.00	223.94	7823.61	8779.65	2.144e+04
265	68	2.438e+04	7759.58	2.18e-03	-1.49	0.0	-20.44	-3008.07	253.00	6316.56	-5864.21	2.438e+04
		-1.500e+04	-5864.21	-0.01		28.2	-20.44	-41.42	253.00	6841.00	947.68	-1.500e+04
						56.3	-20.44	2264.91	253.00	7507.81	7759.58	2.219e+04
265	69	2.768e+04	-5984.13	-5.69e-03	-1.94	0.0	-803.81	-2351.97	89.53	5171.34	-1.165e+04	2.768e+04
		-9362.77	-1.165e+04	-0.01		28.2	-803.81	-36.53	89.53	3838.60	-8816.07	-9362.77
						56.3	-803.81	2886.68	89.53	2573.09	-5984.13	2.498e+04
265	70	2.352e+04	8608.73	-3.85e-03	-1.47	0.0	-65.05	-3056.61	212.81	6652.69	-3830.17	2.352e+04
		-1.524e+04	-3830.17	-0.01		28.2	-65.05	-46.75	212.81	7214.80	2389.28	-1.524e+04
						56.3	-65.05	2215.65	212.81	7935.74	8608.73	2.152e+04
265	81	2.772e+04	471.07	-4.14e-03	-1.79	0.0	-420.54	-2854.03	177.32	5859.34	-9513.94	2.772e+04
		-1.294e+04	-9513.94	-0.01		28.2	-420.54	-40.60	177.32	5467.32	-4521.43	-1.294e+04
						56.3	-420.54	2742.82	177.32	5182.60	471.07	2.516e+04
265	82	2.821e+04	547.15	-4.20e-03	-1.82	0.0	-420.31	-2898.61	181.49	6007.56	-9672.59	2.821e+04
		-1.310e+04	-9672.59	-0.01		28.2	-420.31	-41.41	181.49	5601.05	-4562.72	-1.310e+04
						56.3	-420.31	2785.34	181.49	5304.45	547.15	2.559e+04
265	83	2.626e+04	1218.46	-3.52e-03	-1.70	0.0	-408.06	-2694.61	177.00	5990.94	-8748.63	2.626e+04
		-1.216e+04	-8748.63	-0.01		28.2	-408.06	-39.91	177.00	5552.60	-3765.09	-1.216e+04
						56.3	-408.06	2589.25	177.00	5223.23	1218.46	2.378e+04

265	87	2.651e+04	768.68	-3.77e-03	-1.72	0.0	-414.53	-2729.74	172.99	5776.92	-8972.63	2.651e+04
		-1.240e+04	-8972.63	-0.01		28.2	-414.53	-39.44	172.99	5376.24	-4101.98	-1.240e+04
						56.3	-414.53	2623.51	172.99	5081.07	768.68	2.403e+04
265	88	2.549e+04	1096.73	-3.42e-03	-1.66	0.0	-408.43	-2623.28	170.33	5753.78	-8494.79	2.549e+04
		-1.191e+04	-8494.79	-0.01		28.2	-408.43	-38.61	170.33	5338.64	-3699.03	-1.191e+04
						56.3	-408.43	2521.22	170.33	5028.27	1096.73	2.308e+04
265	91	2.530e+04	1066.29	-3.40e-03	-1.65	0.0	-408.52	-2605.45	168.67	5694.50	-8431.33	2.530e+04
		-1.185e+04	-8431.33	-0.01		28.2	-408.52	-38.28	168.67	5285.15	-3682.52	-1.185e+04
						56.3	-408.52	2504.21	168.67	4979.53	1066.29	2.291e+04
265	92	2.603e+04	887.73	-3.62e-03	-1.69	0.0	-412.13	-2680.02	171.26	5743.95	-8756.11	2.603e+04
		-1.218e+04	-8756.11	-0.01		28.2	-412.13	-38.98	171.26	5339.80	-3934.19	-1.218e+04
						56.3	-412.13	2575.79	171.26	5040.45	887.73	2.358e+04
266	4	4.297e+04	-7313.59	-4.68e-03	-2.34	0.0	276.76	-3745.46	576.26	1.038e+04	-3.977e+04	4.297e+04
		-1.096e+04	-3.977e+04	-0.01		28.2	276.76	-91.06	576.26	9549.28	-2.354e+04	-1.096e+04
						56.3	276.76	3531.08	576.26	8895.70	-7313.59	3.754e+04
266	5	2.869e+04	-4228.35	-2.62e-03	-1.58	0.0	159.11	-2493.49	408.65	7486.30	-2.724e+04	2.869e+04
		-7248.46	-2.724e+04	-0.01		28.2	159.11	-62.37	408.65	6859.06	-1.574e+04	-7248.46
						56.3	159.11	2350.68	408.65	6359.10	-4228.35	2.500e+04
266	11	4.255e+04	-6946.27	-4.42e-03	-2.32	0.0	278.75	-3698.65	584.70	1.058e+04	-3.988e+04	4.255e+04
		-1.072e+04	-3.988e+04	-0.01		28.2	278.75	-90.48	584.70	9719.19	-2.341e+04	-1.072e+04
						56.3	278.75	3487.21	584.70	9035.01	-6946.27	3.717e+04
266	27	3.237e+04	-7545.12	-2.05e-03	-1.71	0.0	280.00	-2485.60	484.74	7014.78	-3.485e+04	3.237e+04
		-6045.62	-3.485e+04	-0.01		28.2	280.00	-43.97	484.74	6196.48	-2.120e+04	-6045.62
						56.3	280.00	2538.65	484.74	5482.11	-7545.12	2.753e+04
266	34	2.707e+04	610.55	-2.72e-03	-1.44	0.0	347.97	-2883.95	490.22	8570.16	-2.734e+04	2.707e+04
		-9537.76	-2.734e+04	-0.01		28.2	347.97	-79.45	490.22	8598.94	-1.337e+04	-9537.76
						56.3	347.97	2193.63	490.22	8791.30	610.55	2.412e+04
266	36	2.826e+04	-619.08	-1.35e-03	-1.45	0.0	420.34	-2849.51	531.47	8434.41	-3.081e+04	2.826e+04
		-8957.48	-3.081e+04	-0.01		28.2	420.34	-69.09	531.47	8411.58	-1.571e+04	-8957.48
						56.3	420.34	2218.40	531.47	8544.62	-619.08	2.481e+04
266	37	3.142e+04	-8659.40	5.46e-03	-1.82	0.0	-76.94	-2345.59	299.74	6708.73	-2.528e+04	3.142e+04
		-6213.81	-2.528e+04	-8.74e-03		28.2	-76.94	-59.72	299.74	5483.20	-1.697e+04	-6213.81
						56.3	-76.94	2678.88	299.74	4359.64	-8659.40	2.724e+04
266	38	2.714e+04	416.35	3.52e-03	-1.44	0.0	327.83	-2874.05	478.65	8650.29	-2.693e+04	2.714e+04
		-9643.96	-2.693e+04	-0.01		28.2	327.83	-79.28	478.65	8652.58	-1.326e+04	-9643.96
						56.3	327.83	2202.01	478.65	8820.24	416.35	2.417e+04
266	39	3.267e+04	-9285.04	3.17e-03	-1.81	0.0	44.89	-2338.52	367.51	6887.12	-3.074e+04	3.267e+04
		-6028.96	-3.074e+04	-9.29e-03		28.2	44.89	-47.64	367.51	5716.38	-2.001e+04	-6028.96
						56.3	44.89	2674.20	367.51	4641.07	-9285.04	2.791e+04
266	59	3.328e+04	-8579.62	-3.81e-03	-1.73	0.0	318.56	-2445.74	509.36	6816.56	-3.728e+04	3.328e+04
		-5497.37	-3.728e+04	-0.01		28.2	318.56	-36.70	509.36	5929.15	-2.293e+04	-5497.37
						56.3	318.56	2570.69	509.36	5136.78	-8579.62	2.807e+04
266	66	2.609e+04	2479.47	-2.65e-03	-1.39	0.0	410.72	-2985.91	516.78	8925.65	-2.709e+04	2.609e+04
		-1.023e+04	-2.709e+04	-0.01		28.2	410.72	-84.80	516.78	9186.89	-1.231e+04	-1.023e+04
						56.3	410.72	2102.85	516.78	9624.04	2479.47	2.344e+04
266	68	2.770e+04	812.10	-8.06e-04	-1.41	0.0	508.86	-2939.21	572.71	8741.59	-3.779e+04	2.770e+04
		-9445.85	-3.179e+04	-0.01		28.2	508.86	-70.76	572.71	8932.83	-1.549e+04	-9445.85
						56.3	508.86	2136.43	572.71	9289.54	812.10	2.438e+04
266	69	3.198e+04	-1.009e+04	6.37e-03	-1.88	0.0	-165.46	-2255.89	258.49	6401.56	-2.430e+04	3.198e+04
		-5725.44	-2.430e+04	-8.07e-03		28.2	-165.46	-58.05	258.49	4961.95	-1.720e+04	-5725.44
						56.3	-165.46	2760.84	258.49	3614.71	-1.009e+04	2.767e+04
266	70	2.617e+04	2216.14	3.74e-03	-1.39	0.0	383.41	-2972.48	501.10	9034.32	-2.654e+04	2.617e+04
		-1.038e+04	-2.654e+04	-0.01		28.2	383.41	-84.58	501.10	9259.63	-1.216e+04	-1.038e+04
						56.3	383.41	2114.21	501.10	9663.28	2216.14	2.352e+04
266	71	3.368e+04	-1.094e+04	3.26e-03	-1.88	0.0	-0.25	-2246.30	350.39	6643.46	-3.170e+04	3.368e+04
		-5474.78	-3.170e+04	-8.81e-03		28.2	-0.25	-41.67	350.39	5278.14	-2.132e+04	-5474.78
						56.3	-0.25	2754.50	350.39	3996.33	-1.094e+04	2.859e+04
266	79	2.902e+04	-4344.24	-2.71e-03	-1.59	0.0	162.42	-2523.41	410.70	7512.50	-2.748e+04	2.902e+04
		-7345.11	-2.748e+04	-0.01		28.2	162.42	-63.00	410.70	6885.62	-1.591e+04	-7345.11
						56.3	162.42	2378.69	410.70	6386.51	-4344.24	2.530e+04
266	82	3.229e+04	-5377.70	-3.42e-03	-1.76	0.0	203.96	-2813.49	437.56	7904.25	-3.002e+04	3.229e+04
		-8223.93	-3.002e+04	-0.01		28.2	203.96	-68.69	437.56	7266.56	-1.770e+04	-8223.93
						56.3	203.96	2652.54	437.56	6763.72	-5377.70	2.820e+04
266	85	3.201e+04	-5132.82	-3.25e-03	-1.75	0.0	205.28	-2782.28	443.19	8040.02	-3.009e+04	3.201e+04
		-8060.41	-3.009e+04	-0.01		28.2	205.28	-68.30	443.19	7379.83	-1.761e+04	-8060.41
						56.3	205.28	2623.29	443.19	6856.60	-5132.82	2.796e+04
266	86	2.902e+04	-4344.24	-2.71e-03	-1.59	0.0	162.42	-2523.41	410.70	7512.50	-2.748e+04	2.902e+04
		-7345.11	-2.748e+04	-0.01		28.2	162.42	-63.00	410.70	6885.62	-1.591e+04	-7345.11
						56.3	162.42	2378.69	410.70	6386.51	-4344.24	2.530e+04
266	87	3.039e+04	-4835.91	-3.05e-03	-1.67	0.0	177.89	-2646.98	418.87	7610.95	-2.843e+04	3.039e+04
		-7746.01	-2.843e+04	-0.01		28.2	177.89	-65.34	418.87	6988.57	-1.663e+04	-7746.01
						56.3	177.89	2495.27	418.87	6495.87	-4835.91	2.651e+04
266	91	2.902e+04	-4344.24	-2.71e-03	-1.59	0.0	162.42	-2523.41	410.70	7512.50	-2.748e+04	2.902e+04
		-7345.11	-2.748e+04	-0.01		28.2	162.42	-63.00	410.70	6885.62	-1.591e+04	-7345.11
						56.3	162.42	2378.69	410.70	6386.51	-4344.24	2.530e+04
266	92	2.984e+04	-4639.24	-2.92e-03	-1.64	0.0	171.70	-2597.55	415.60	7571.57	-2.805e+04	2.984e+04
		-7585.65	-2.805e+04	-0.01		28.2	171.70	-64.40	415.60	6947.39	-1.634e+04	-7585.65

267	4	4.296e+04	-3.376e+04	-2.59e-03	-2.19	56.3	171.70	2448.64	415.60	6452.13	-4639.24	2.602e+04
		-1.383e+04	-9.254e+04	-4.85e-03		0.0	1305.62	-3037.92	1043.86	1.384e+04	-9.254e+04	2.471e+04
267	5	2.868e+04	-2.275e+04	-1.20e-03	-1.47	28.2	1305.62	326.56	1043.86	1.267e+04	-6.315e+04	-1.342e+04
		-9096.91	-6.517e+04	-3.91e-03		56.3	1305.62	3675.65	1043.86	1.172e+04	-3.376e+04	4.296e+04
267	11	4.254e+04	-3.366e+04	-2.32e-03	-2.16	0.0	860.13	-2010.31	753.41	9860.61	-6.517e+04	1.637e+04
		-1.357e+04	-9.369e+04	-5.14e-03		28.2	860.13	219.71	753.41	9000.05	-4.396e+04	-8813.25
267	24	3.107e+04	-2.854e+04	-5.86e-03	-1.50	56.3	860.13	2442.79	753.41	8292.30	-2.275e+04	2.868e+04
		-7244.06	-8.240e+04	-3.62e-03		0.0	1299.70	-2994.27	1066.03	1.404e+04	-9.369e+04	2.439e+04
267	25	2.860e+04	-1.857e+04	7.07e-03	-1.56	28.2	1299.70	324.57	1066.03	1.284e+04	-6.368e+04	-1.315e+04
		-1.180e+04	-5.047e+04	-4.00e-03		56.3	1299.70	3629.70	1066.03	1.186e+04	-3.366e+04	4.254e+04
267	26	2.732e+04	-1.752e+04	6.44e-03	-1.45	0.0	1168.09	-2150.47	956.74	1.013e+04	-8.240e+04	1.931e+04
		-1.247e+04	-5.527e+04	-4.97e-03		28.2	1168.09	248.71	956.74	9366.99	-5.527e+04	-7047.55
267	30	2.729e+04	-1.737e+04	6.47e-03	-1.46	56.3	1168.09	2505.05	956.74	8758.27	-2.854e+04	3.107e+04
		-1.236e+04	-5.450e+04	-5.01e-03		0.0	625.06	-2047.17	566.24	9896.09	-5.047e+04	1.485e+04
267	39	3.267e+04	-2.727e+04	-1.46e-03	-1.69	28.2	625.06	206.92	566.24	8938.99	-3.452e+04	-1.142e+04
		-8026.34	-6.393e+04	-1.92e-03		56.3	625.06	2586.85	566.24	8133.76	-1.857e+04	2.860e+04
267	56	3.150e+04	-3.032e+04	-7.44e-03	-1.49	0.0	698.10	-2197.06	668.52	1.055e+04	-5.527e+04	1.340e+04
		-6432.64	-8.809e+04	-3.56e-03		28.2	698.10	204.35	668.52	9903.18	-3.639e+04	-1.212e+04
267	57	2.816e+04	-1.679e+04	9.07e-03	-1.57	56.3	698.10	2445.48	668.52	9420.92	-1.752e+04	2.732e+04
		-1.261e+04	-4.478e+04	-4.07e-03		0.0	685.82	-2188.37	656.31	1.047e+04	-5.450e+04	2.732e+04
267	58	2.642e+04	-1.537e+04	8.21e-03	-1.42	28.2	685.82	204.39	656.31	9797.92	-3.593e+04	-1.201e+04
		-1.352e+04	-5.129e+04	-5.38e-03		56.3	685.82	2453.73	656.31	9291.04	-1.737e+04	2.729e+04
267	62	2.639e+04	-1.516e+04	8.26e-03	-1.43	0.0	868.55	-1864.97	658.24	9082.35	-6.393e+04	2.056e+04
		-1.337e+04	-5.025e+04	-5.44e-03		28.2	868.55	239.64	658.24	7753.31	-4.560e+04	-7712.76
267	71	3.368e+04	-2.859e+04	-1.46e-03	-1.74	56.3	868.55	2758.92	658.24	6554.08	-2.727e+04	3.267e+04
		-7493.41	-6.303e+04	-1.24e-03		0.0	1264.76	-2168.86	1026.25	1.018e+04	-8.809e+04	2.011e+04
267	79	2.901e+04	-2.298e+04	-1.28e-03	-1.49	28.2	1264.76	256.15	1026.25	9443.18	-5.920e+04	-6269.81
		-9218.73	-6.554e+04	-3.88e-03		56.3	1264.76	2490.49	1026.25	8869.43	-3.032e+04	3.150e+04
267	82	3.228e+04	-2.541e+04	-1.84e-03	-1.65	0.0	528.39	-2028.78	496.73	9853.63	-4.478e+04	1.405e+04
		-1.037e+04	-7.018e+04	-3.77e-03		28.2	528.39	199.48	496.73	8862.81	-3.079e+04	-1.219e+04
267	85	3.201e+04	-2.535e+04	-1.66e-03	-1.63	56.3	528.39	2601.41	496.73	8022.60	-1.679e+04	2.816e+04
		-1.019e+04	-7.095e+04	-3.96e-03		0.0	627.44	-2232.03	635.43	1.075e+04	-5.129e+04	1.208e+04
267	86	2.901e+04	-2.298e+04	-1.28e-03	-1.49	28.2	627.44	196.00	635.43	1.017e+04	-3.333e+04	-1.315e+04
		-9218.73	-6.554e+04	-3.88e-03		56.3	627.44	2409.71	635.43	9767.98	-1.537e+04	2.642e+04
267	87	3.038e+04	-2.394e+04	-1.57e-03	-1.55	0.0	610.79	-2220.25	618.86	1.063e+04	-5.025e+04	1.206e+04
		-9726.37	-6.703e+04	-3.76e-03		28.2	610.79	196.05	618.86	1.003e+04	-3.271e+04	-1.300e+04
267	90	3.005e+04	-2.376e+04	-1.45e-03	-1.54	56.3	610.79	2420.90	618.86	9591.88	-1.516e+04	2.639e+04
		-9576.18	-6.710e+04	-3.86e-03		0.0	858.58	-1781.72	621.48	8750.19	-6.303e+04	2.180e+04
267	91	2.901e+04	-2.298e+04	-1.28e-03	-1.49	28.2	858.58	243.85	621.48	7255.03	-4.581e+04	-7171.84
		-9218.73	-6.554e+04	-3.88e-03		56.3	858.58	2834.74	621.48	5880.55	-2.859e+04	3.368e+04
267	92	2.983e+04	-2.356e+04	-1.45e-03	-1.53	0.0	870.49	-2035.82	755.86	9907.14	-6.554e+04	1.658e+04
		-9523.32	-6.643e+04	-3.81e-03		28.2	870.49	222.03	755.86	9045.54	-4.426e+04	-8932.96
268	4	3.839e+04	-6.117e+04	0.01	-2.22	56.3	870.49	2472.45	755.86	8337.51	-2.298e+04	2.901e+04
		7520.88	-9.219e+04	6.74e-03		0.0	979.57	-2279.72	795.05	1.051e+04	-7.018e+04	1.855e+04
268	5	2.634e+04	-4.369e+04	0.01	-1.48	28.2	979.57	245.76	795.05	9623.97	-4.780e+04	-1.006e+04
		5862.45	-6.473e+04	4.39e-03		56.3	979.57	2760.32	795.05	8897.98	-2.541e+04	3.228e+04
268	7	2.915e+04	-4.604e+04	0.01	-1.70	0.0	975.63	-2250.62	809.84	1.065e+04	-7.095e+04	1.833e+04
		5525.21	-6.942e+04	5.14e-03		28.2	975.63	244.43	809.84	9736.77	-4.815e+04	-9881.06
268	11	3.835e+04	-6.203e+04	0.01	-2.19	56.3	975.63	2729.69	809.84	8988.28	-2.535e+04	3.201e+04
		7914.86	-9.326e+04	6.65e-03		0.0	870.49	-2035.82	755.86	9907.14	-6.554e+04	1.658e+04
268	23	2.893e+04	-4.708e+04	-0.02	-1.63	28.2	870.49	222.03	755.86	9045.54	-4.426e+04	-8932.96
						56.3	870.49	2472.45	755.86	8337.51	-2.298e+04	2.901e+04
						0.0	896.58	-2098.82	761.49	1.002e+04	-6.643e+04	1.708e+04
						28.2	896.58	227.82	761.49	9152.99	-4.500e+04	-9232.21
						56.3	896.58	2545.95	761.49	8446.01	-2.356e+04	2.983e+04
						0.0	1469.92	-2730.51	-827.21	-1.519e+04	-6.117e+04	3.839e+04
						18.8	1469.92	-463.76	-827.21	-1.514e+04	-7.668e+04	8345.93
						37.5	1469.92	1862.43	-827.21	-1.521e+04	-9.219e+04	2.137e+04
						0.0	1057.05	-1806.08	-561.20	-1.011e+04	-4.369e+04	2.634e+04
						18.8	1057.05	-310.72	-561.20	-1.005e+04	-5.421e+04	6427.53
						37.5	1057.05	1228.47	-561.20	-1.007e+04	-6.473e+04	1.496e+04
						0.0	1103.27	-2090.76	-623.29	-1.161e+04	-9.219e+04	2.915e+04
						18.8	1103.27	-354.60	-623.29	-1.157e+04	-5.773e+04	6154.76
						37.5	1103.27	1425.80	-623.29	-1.162e+04	-6.942e+04	1.613e+04
						0.0	1496.37	-2690.06	-832.73	-1.502e+04	-6.203e+04	3.835e+04
						18.8	1496.37	-458.32	-832.73	-1.496e+04	-7.764e+04	8734.35
						37.5	1496.37	1834.62	-832.73	-1.501e+04	-9.326e+04	2.154e+04
						0.0	1170.07	-1804.88	-828.51	-1.278e+04	-4.708e+04	2.893e+04

		7365.93-7.814e+04	6.42e-03			18.8	1170.07	-268.57	-828.51-1.256e+04-6.261e+04	8120.66
						37.5	1170.07	1389.87	-828.51-1.245e+04-7.814e+04	1.640e+04
268	24	2.819e+04-4.913e+04	-0.01	-1.53		0.0	1285.89	-1907.26	-885.43-1.199e+04-4.913e+04	2.819e+04
		5470.09-8.232e+04	6.51e-03			18.8	1285.89	-285.87	-885.43-1.175e+04-6.572e+04	6250.98
						37.5	1285.89	1309.27	-885.43-1.162e+04-8.232e+04	1.510e+04
268	25	2.608e+04-3.959e+04	0.02	-1.57		0.0	854.72	-1864.83	-271.71 -9068.32-3.959e+04	2.608e+04
		6037.42-4.980e+04	2.70e-03			18.8	854.72	-360.25	-271.71 -9194.82-4.469e+04	6457.00
						37.5	854.72	1258.52	-271.71 -9393.60-4.980e+04	1.549e+04
268	36	2.633e+04-4.891e+04	-7.17e-03	-1.40		0.0	1310.65	-2047.68	-756.96 -9766.86-4.891e+04	2.633e+04
		2805.17-7.728e+04	5.31e-03			18.8	1310.65	-338.15	-756.96 -9632.46-6.309e+04	3487.41
						37.5	1310.65	1169.27	-756.96 -9573.64-7.728e+04	1.327e+04
268	37	2.794e+04-3.981e+04	0.02	-1.69		0.0	829.97	-1724.41	-400.19-1.129e+04-3.981e+04	2.794e+04
		8736.24-5.484e+04	3.89e-03			18.8	829.97	-307.98	-400.19-1.132e+04-4.733e+04	9220.57
						37.5	829.97	1398.52	-400.19-1.144e+04-5.484e+04	1.732e+04
268	38	2.548e+04-4.666e+04	7.16e-03	-1.38		0.0	1216.04	-2065.67	-589.92 -8654.47-4.666e+04	2.548e+04
		2416.79-6.878e+04	4.20e-03			18.8	1216.04	-365.65	-589.92 -8622.04-5.772e+04	2988.31
						37.5	1216.04	1129.87	-589.92 -8657.19-6.878e+04	1.300e+04
268	55	2.957e+04-4.805e+04	-0.02	-1.66		0.0	1205.59	-1775.99	-917.49-1.358e+04-4.805e+04	2.957e+04
		7933.82-8.243e+04	7.06e-03			18.8	1205.59	-249.17	-917.49-1.331e+04-6.524e+04	8749.59
						37.5	1205.59	1427.59	-917.49-1.314e+04-8.243e+04	1.679e+04
268	56	2.857e+04-5.083e+04	-0.02	-1.53		0.0	1362.64	-1914.81	-994.68-1.251e+04-5.083e+04	2.857e+04
		5363.08-8.810e+04	7.19e-03			18.8	1362.64	-272.63	-994.68-1.221e+04-6.947e+04	6214.31
						37.5	1362.64	1318.30	-994.68-1.201e+04-8.810e+04	1.503e+04
268	57	2.570e+04-3.789e+04	0.02	-1.58		0.0	777.97	-1857.28	-162.47 -8548.92-3.789e+04	2.570e+04
		6111.50-4.401e+04	2.02e-03			18.8	777.97	-373.49	-162.47 -8739.21-4.095e+04	6493.67
						37.5	777.97	1249.49	-162.47 -8998.18-4.401e+04	1.556e+04
268	68	2.605e+04-5.053e+04	-6.12e-03	-1.34		0.0	1396.21	-2105.22	-820.47 -9496.14-5.053e+04	2.605e+04
		1749.47-8.127e+04	5.57e-03			18.8	1396.21	-343.52	-820.47 -9332.65-6.590e+04	2466.91
						37.5	1396.21	1128.46	-820.47 -9242.31-8.127e+04	1.255e+04
268	69	2.822e+04-3.819e+04	0.02	-1.74		0.0	744.41	-1666.87	-336.68-1.156e+04-3.819e+04	2.822e+04
		9791.95-5.085e+04	3.64e-03			18.8	744.41	-302.61	-336.68-1.162e+04-4.452e+04	1.024e+04
						37.5	744.41	1439.33	-336.68-1.177e+04-5.085e+04	1.804e+04
268	70	2.489e+04-4.748e+04	6.10e-03	-1.32		0.0	1267.92	-2129.61	-593.96 -7987.73-4.748e+04	2.489e+04
		1222.82-6.974e+04	4.05e-03			18.8	1267.92	-380.81	-593.96 -7962.51-5.861e+04	1790.13
						37.5	1267.92	1075.03	-593.96 -7999.60-6.974e+04	1.218e+04
268	79	2.657e+04-4.389e+04	0.01	-1.50		0.0	1061.07	-1829.11	-566.15-1.023e+04-4.389e+04	2.657e+04
		5838.16-6.512e+04	4.45e-03			18.8	1061.07	-314.29	-566.15-1.017e+04-5.451e+04	6408.55
						37.5	1061.07	1244.43	-566.15-1.019e+04-6.512e+04	1.506e+04
268	81	2.845e+04-4.546e+04	0.01	-1.65		0.0	1091.88	-2018.90	-607.55-1.123e+04-4.546e+04	2.845e+04
		5613.33-6.824e+04	4.95e-03			18.8	1091.88	-343.54	-607.55-1.119e+04-5.685e+04	6226.70
						37.5	1091.88	1375.98	-607.55-1.123e+04-6.824e+04	1.584e+04
268	82	2.898e+04-4.650e+04	0.01	-1.67		0.0	1118.75	-2048.87	-623.65-1.141e+04-4.650e+04	2.898e+04
		5808.53-6.989e+04	5.05e-03			18.8	1118.75	-348.70	-623.65-1.137e+04-5.819e+04	6431.09
						37.5	1118.75	1396.91	-623.65-1.141e+04-6.989e+04	1.619e+04
268	85	2.896e+04-4.707e+04	0.01	-1.65		0.0	1136.38	-2021.91	-627.33-1.130e+04-4.707e+04	2.896e+04
		6071.19-7.060e+04	4.99e-03			18.8	1136.38	-345.08	-627.33-1.125e+04-5.883e+04	6690.03
						37.5	1136.38	1378.37	-627.33-1.128e+04-7.060e+04	1.631e+04
268	86	2.657e+04-4.389e+04	0.01	-1.50		0.0	1061.07	-1829.11	-566.15-1.023e+04-4.389e+04	2.657e+04
		5838.16-6.512e+04	4.45e-03			18.8	1061.07	-314.29	-566.15-1.017e+04-5.451e+04	6408.55
						37.5	1061.07	1244.43	-566.15-1.019e+04-6.512e+04	1.506e+04
268	87	2.751e+04-4.468e+04	0.01	-1.57		0.0	1076.47	-1924.00	-586.85-1.073e+04-4.468e+04	2.751e+04
		5725.74-6.668e+04	4.70e-03			18.8	1076.47	-328.91	-586.85-1.068e+04-5.568e+04	6317.62
						37.5	1076.47	1310.21	-586.85-1.071e+04-6.668e+04	1.545e+04
268	90	2.735e+04-4.478e+04	0.01	-1.55		0.0	1081.06	-1898.03	-585.01-1.060e+04-4.478e+04	2.735e+04
		5848.79-6.672e+04	4.64e-03			18.8	1081.06	-325.13	-585.01-1.055e+04-5.575e+04	6435.75
						37.5	1081.06	1292.27	-585.01-1.058e+04-6.672e+04	1.544e+04
268	91	2.657e+04-4.389e+04	0.01	-1.50		0.0	1061.07	-1829.11	-566.15-1.023e+04-4.389e+04	2.657e+04
		5838.16-6.512e+04	4.45e-03			18.8	1061.07	-314.29	-566.15-1.017e+04-5.451e+04	6408.55
						37.5	1061.07	1244.43	-566.15-1.019e+04-6.512e+04	1.506e+04
268	92	2.714e+04-4.436e+04	0.01	-1.54		0.0	1070.31	-1886.05	-578.57-1.053e+04-4.436e+04	2.714e+04
		5770.71-6.606e+04	4.60e-03			18.8	1070.31	-323.06	-578.57-1.047e+04-5.521e+04	6353.99
						37.5	1070.31	1283.90	-578.57-1.050e+04-6.606e+04	1.530e+04
269	4	3.839e+04-3.231e+04	0.02	-2.12		0.0	524.67	-1980.73	-814.21 -7894.73-3.231e+04	3.206e+04
		1.479e+04-6.284e+04	0.01			18.8	524.67	156.46	-814.21 -7691.07-4.758e+04	1.484e+04
						37.5	524.67	2367.09	-814.21 -7548.15-6.284e+04	3.839e+04
269	5	2.634e+04-2.388e+04	0.01	-1.41		0.0	434.05	-1300.79	-557.38 -5273.13-2.388e+04	2.230e+04
		1.092e+04-4.478e+04	9.00e-03			18.8	434.05	98.89	-557.38 -5113.24-3.433e+04	1.094e+04
						37.5	434.05	1552.34	-557.38 -4993.73-4.478e+04	2.634e+04
269	7	2.915e+04-2.425e+04	0.01	-1.63		0.0	381.61	-1519.98	-614.51 -6012.48-2.425e+04	2.432e+04
		1.106e+04-4.730e+04	0.01			18.8	381.61	119.77	-614.51 -5861.02-3.577e+04	1.110e+04
						37.5	381.61	1814.32	-614.51 -5755.85-4.730e+04	2.915e+04
269	9	3.638e+04-3.274e+04	0.02	-1.94		0.0	599.03	-1791.46	-778.95 -7318.89-3.274e+04	3.071e+04
		1.506e+04-6.195e+04	0.01			18.8	599.03	138.74	-778.95 -7099.93-4.735e+04	1.510e+04
						37.5	599.03	2143.59	-778.95 -6937.04-6.195e+04	3.638e+04
269	11	3.835e+04-3.300e+04	0.02	-2.09		0.0	562.33	-1944.89	-818.94 -7836.43-3.300e+04	3.213e+04
		1.516e+04-6.371e+04	0.01			18.8	562.33	153.35	-818.94 -7623.38-4.836e+04	1.521e+04
						37.5	562.33	2326.97	-818.94 -7470.52-6.371e+04	3.835e+04

269	15	2.861e+04-2.173e+04 1.284e+04-4.811e+04	-0.02 0.01	-1.53	0.0 18.8 37.5	486.69 486.69 486.69	-1315.67 109.90 1671.66	-702.91 -702.91 -702.91	-6637.84-2.173e+04 -6286.91-3.492e+04 -5985.89-4.811e+04	2.432e+04 1.287e+04 2.861e+04
269	23	2.893e+04-2.192e+04 1.320e+04-4.974e+04	-0.02 0.01	-1.55	0.0 18.8 37.5	537.21 537.21 537.21	-1303.63 110.02 1680.60	-740.45 -740.45 -740.45	-6431.27-2.192e+04 -6096.35-3.583e+04 -5810.82-4.974e+04	2.453e+04 1.324e+04 2.893e+04
269	24	2.819e+04-2.259e+04 1.193e+04-5.194e+04	-0.02 0.01	-1.47	0.0 18.8 37.5	647.02 647.02 647.02	-1371.28 104.04 1613.05	-781.79 -781.79 -781.79	-6160.76-2.259e+04 -5814.06-3.727e+04 -5514.17-5.194e+04	2.394e+04 1.195e+04 2.819e+04
269	36	2.633e+04-2.459e+04 9322.42-5.077e+04	-9.72e-03 0.01	-1.36	0.0 18.8 37.5	654.38 654.38 654.38	-1467.58 95.46 1519.56	-698.64 -698.64 -698.64	-5274.29-2.459e+04 -5042.48-3.768e+04 -4850.22-5.077e+04	2.230e+04 9322.42 2.633e+04
269	37	2.794e+04-2.340e+04 1.260e+04-4.023e+04	0.02 8.28e-03	-1.58	0.0 18.8 37.5	184.84 184.84 184.84	-1256.97 114.04 1732.17	-448.21 -448.21 -448.21	-5686.66-2.340e+04 -5604.36-3.181e+04 -5566.59-4.023e+04	2.344e+04 1.266e+04 2.794e+04
269	38	2.548e+04-2.563e+04 8360.51-4.756e+04	9.70e-03 8.87e-03	-1.34	0.0 18.8 37.5	550.88 550.88 550.88	-1482.48 94.09 1506.99	-586.02 -586.02 -586.02	-4784.97-2.563e+04 -4663.41-3.659e+04 -4577.76-4.756e+04	2.148e+04 8360.51 2.548e+04
269	47	2.914e+04-2.093e+04 1.350e+04-4.905e+04	-0.02 0.01	-1.56	0.0 18.8 37.5	510.57 510.57 510.57	-1299.08 111.73 1687.96	-749.00 -749.00 -749.00	-7049.86-2.093e+04 -6629.92-3.499e+04 -6262.68-4.905e+04	2.483e+04 1.354e+04 2.914e+04
269	55	2.957e+04-2.118e+04 1.399e+04-5.125e+04	-0.02 0.01	-1.57	0.0 18.8 37.5	579.08 579.08 579.08	-1282.75 111.90 1700.09	-799.91 -799.91 -799.91	-6769.75-2.118e+04 -6371.52-3.622e+04 -6025.28-5.125e+04	2.512e+04 1.404e+04 2.957e+04
269	56	2.857e+04-2.209e+04 1.227e+04-5.424e+04	-0.02 0.01	-1.47	0.0 18.8 37.5	727.98 727.98 727.98	-1374.49 103.78 1608.48	-855.97 -855.97 -855.97	-6402.94-2.209e+04 -5988.73-3.816e+04 -5623.03-5.424e+04	2.432e+04 1.229e+04 2.857e+04
269	68	2.605e+04-2.480e+04 8728.00-5.264e+04	-8.78e-03 0.01	-1.32	0.0 18.8 37.5	737.96 737.96 737.96	-1505.07 92.15 1481.72	-743.21 -743.21 -743.21	-5200.89-2.480e+04 -4942.46-3.872e+04 -4722.70-5.264e+04	2.210e+04 8728.00 2.605e+04
269	69	2.822e+04-2.319e+04 1.318e+04-3.835e+04	0.02 7.92e-03	-1.62	0.0 18.8 37.5	101.27 101.27 101.27	-1219.48 117.34 1770.01	-403.64 -403.64 -403.64	-5760.07-2.319e+04 -5704.38-3.077e+04 -5694.10-3.835e+04	2.364e+04 1.326e+04 2.822e+04
269	70	2.489e+04-2.621e+04 7423.65-4.829e+04	8.75e-03 8.71e-03	-1.30	0.0 18.8 37.5	597.61 597.61 597.61	-1525.27 90.29 1464.67	-590.50 -590.50 -590.50	-4537.36-2.621e+04 -4428.44-3.725e+04 -4353.25-4.829e+04	2.099e+04 7423.65 2.489e+04
269	79	2.657e+04-2.392e+04 1.094e+04-4.499e+04	0.01 9.09e-03	-1.43	0.0 18.8 37.5	430.10 430.10 430.10	-1318.44 100.57 1573.47	-562.00 -562.00 -562.00	-5332.61-2.392e+04 -5173.86-3.446e+04 -5055.98-4.499e+04	2.247e+04 1.096e+04 2.657e+04
269	81	2.845e+04-2.417e+04 1.103e+04-4.667e+04	0.01 9.76e-03	-1.57	0.0 18.8 37.5	395.14 395.14 395.14	-1464.57 114.49 1748.12	-600.08 -600.08 -600.08	-5825.51-2.417e+04 -5672.39-3.542e+04 -5564.06-4.667e+04	2.381e+04 1.107e+04 2.845e+04
269	82	2.898e+04-2.470e+04 1.131e+04-4.775e+04	0.01 9.96e-03	-1.59	0.0 18.8 37.5	409.76 409.76 409.76	-1484.51 116.59 1773.77	-614.66 -614.66 -614.66	-5934.51-2.470e+04 -5776.81-3.623e+04 -5664.73-4.775e+04	2.426e+04 1.134e+04 2.898e+04
269	83	2.765e+04-2.499e+04 1.149e+04-4.716e+04	0.01 9.49e-03	-1.47	0.0 18.8 37.5	459.34 459.34 459.34	-1358.33 104.78 1624.77	-591.15 -591.15 -591.15	-5550.62-2.499e+04 -5382.72-3.607e+04 -5257.33-4.716e+04	2.366e+04 1.152e+04 2.765e+04
269	85	2.896e+04-2.516e+04 1.156e+04-4.833e+04	0.01 9.97e-03	-1.57	0.0 18.8 37.5	434.86 434.86 434.86	-1460.62 114.52 1747.02	-617.81 -617.81 -617.81	-5895.65-2.516e+04 -5731.69-3.675e+04 -5612.98-4.833e+04	2.430e+04 1.159e+04 2.896e+04
269	86	2.657e+04-2.392e+04 1.094e+04-4.499e+04	0.01 9.09e-03	-1.43	0.0 18.8 37.5	430.10 430.10 430.10	-1318.44 100.57 1573.47	-562.00 -562.00 -562.00	-5332.61-2.392e+04 -5173.86-3.446e+04 -5055.98-4.499e+04	2.247e+04 1.096e+04 2.657e+04
269	87	2.751e+04-2.404e+04 1.098e+04-4.583e+04	0.01 9.42e-03	-1.50	0.0 18.8 37.5	412.62 412.62 412.62	-1391.50 107.53 1660.80	-581.04 -581.04 -581.04	-5579.06-2.404e+04 -5423.13-3.494e+04 -5310.02-4.583e+04	2.314e+04 1.101e+04 2.751e+04
269	88	2.679e+04-2.413e+04 1.105e+04-4.543e+04	0.01 9.17e-03	-1.44	0.0 18.8 37.5	435.95 435.95 435.95	-1326.42 101.41 1583.73	-567.83 -567.83 -567.83	-5376.21-2.413e+04 -5215.64-3.478e+04 -5096.25-4.543e+04	2.264e+04 1.107e+04 2.679e+04
269	90	2.735e+04-2.421e+04 1.108e+04-4.593e+04	0.01 9.37e-03	-1.48	0.0 18.8 37.5	425.46 425.46 425.46	-1370.26 105.59 1636.13	-579.25 -579.25 -579.25	-5524.08-2.421e+04 -5365.19-3.507e+04 -5248.67-4.593e+04	2.305e+04 1.110e+04 2.735e+04
269	91	2.657e+04-2.392e+04 1.094e+04-4.499e+04	0.01 9.09e-03	-1.43	0.0 18.8 37.5	430.10 430.10 430.10	-1318.44 100.57 1573.47	-562.00 -562.00 -562.00	-5332.61-2.392e+04 -5173.86-3.446e+04 -5055.98-4.499e+04	2.247e+04 1.096e+04 2.657e+04
269	92	2.714e+04-2.399e+04 1.097e+04-4.550e+04	0.01 9.29e-03	-1.47	0.0 18.8 37.5	419.61 419.61 419.61	-1362.28 104.75 1625.87	-573.42 -573.42 -573.42	-5480.48-2.399e+04 -5323.42-3.474e+04 -5208.40-4.550e+04	2.287e+04 1.099e+04 2.714e+04
270	4	3.206e+04-84.07 -2.454e+04-3.585e+04	-0.03 0.03	-2.14	0.0 27.5 55.0	-428.30 -428.30 -428.30	-2589.22 439.20 3647.18	-650.35 -650.35 -650.35	-5003.99-84.07 -4515.94-1.797e+04 -4109.93-3.585e+04	6255.61 -2.369e+04 3.206e+04
270	5	2.230e+04-1267.67 -1.511e+04-2.630e+04	-0.02 0.02	-1.42	0.0 27.5 55.0	-227.31 -227.31 -227.31	-1653.67 304.12 2394.74	-455.22 -455.22 -455.22	-3467.83-1267.67 -3102.39-1.379e+04 -2793.31-2.630e+04	4351.72 -1.449e+04 2.230e+04
270	8	2.499e+04-68.15 -1.929e+04-2.783e+04	-0.02 0.02	-1.67	0.0 27.5	-339.88 -339.88	-2029.77 342.62	-507.16 -507.16	-3908.26-68.15 -3528.14-1.388e+04	4864.12 -1.863e+04

270	11	3.213e+04	-443.75	-0.03	-2.10	55.0	-339.88	2854.34	-507.16	-3212.11	-2.783e+04	2.499e+04
		-2.364e+04	-3.658e+04	0.03		0.0	-396.73	-2516.80	-657.07	-5044.59	-443.75	6157.70
270	23	2.453e+04	4686.35	-0.03	-1.55	27.5	-396.73	441.28	-657.07	-4541.58	-1.851e+04	-2.278e+04
		-1.437e+04	-2.547e+04	0.02		55.0	-396.73	3584.26	-657.07	-4121.08	-3.658e+04	3.213e+04
270	24	2.394e+04	5335.73	-0.02	-1.49	0.0	-159.33	-1654.05	-549.52	-4010.82	4686.35	4725.05
		-1.545e+04	-2.632e+04	0.02		27.5	-159.33	339.19	-549.52	-3365.68	-1.039e+04	-1.364e+04
270	25	2.180e+04	-7151.06	0.03	-1.47	55.0	-159.33	2557.08	-549.52	-3100.77	-2.547e+04	2.453e+04
		-1.694e+04	-2.665e+04	0.01		0.0	-95.59	-1718.41	-576.32	-3956.57	5335.73	4695.44
270	34	2.154e+04	-1381.45	0.02	-1.38	27.5	-95.59	324.60	-576.32	-3307.22	-1.049e+04	-1.479e+04
		-1.835e+04	-2.817e+04	0.02		55.0	-95.59	2496.69	-576.32	-3029.75	-2.632e+04	2.394e+04
270	38	2.148e+04	-1600.96	0.02	-1.38	0.0	-420.97	-1782.03	-353.79	-3150.27	-7151.06	4270.55
		-1.840e+04	-2.809e+04	0.02		27.5	-420.97	299.49	-353.79	-3070.31	-1.690e+04	-1.637e+04
270	55	2.512e+04	6677.81	-0.03	-1.57	55.0	-420.97	2518.27	-353.79	-2734.33	-2.665e+04	2.180e+04
		-1.372e+04	-2.510e+04	0.02		0.0	-183.24	-1875.69	-486.08	-3281.25	-1381.45	4381.27
270	56	2.432e+04	7558.39	-0.03	-1.50	27.5	-183.24	283.05	-486.08	-3006.97	-1.478e+04	-1.785e+04
		-1.519e+04	-2.626e+04	0.02		55.0	-183.24	2401.84	-486.08	-2751.22	-2.817e+04	2.154e+04
270	57	2.141e+04	-9373.71	0.03	-1.48	0.0	-191.29	-1876.69	-480.36	-3333.93	-1600.96	4365.47
		-1.721e+04	-2.671e+04	0.01		27.5	-191.29	281.76	-480.36	-3047.02	-1.484e+04	-1.791e+04
270	66	2.107e+04	-1550.12	0.01	-1.34	55.0	-191.29	2401.00	-480.36	-2708.72	-2.809e+04	2.148e+04
		-1.911e+04	-2.877e+04	0.02		0.0	-124.10	-1619.82	-579.59	-4173.65	6677.81	4811.21
270	70	2.099e+04	-1847.77	0.01	-1.34	27.5	-124.10	348.86	-579.59	-3428.66	-9212.19	-1.295e+04
		-1.918e+04	-2.866e+04	0.02		55.0	-124.10	2574.74	-579.59	-3178.63	-2.510e+04	2.512e+04
270	79	2.247e+04	-1168.51	-0.02	-1.43	0.0	-37.67	-1707.09	-615.93	-4100.10	7558.39	4771.06
		-1.542e+04	-2.636e+04	0.02		27.5	-37.67	329.07	-615.93	-3349.38	-9351.55	-1.451e+04
270	82	2.426e+04	-277.96	-0.02	-1.61	55.0	-37.67	2492.85	-615.93	-3082.34	-2.626e+04	2.432e+04
		-1.821e+04	-2.738e+04	0.02		0.0	-478.89	-1793.36	-314.17	-3006.74	-9373.71	4194.92
270	85	2.430e+04	-517.74	-0.02	-1.58	27.5	-478.89	295.02	-314.17	-3028.15	-1.804e+04	-1.665e+04
		-1.761e+04	-2.786e+04	0.02		55.0	-478.89	2522.11	-314.17	-2681.75	-2.671e+04	2.141e+04
270	86	2.247e+04	-1168.51	-0.02	-1.43	0.0	-156.53	-1920.35	-493.56	-3184.35	-1550.12	4345.05
		-1.542e+04	-2.636e+04	0.02		27.5	-156.53	272.73	-493.56	-2942.25	-1.516e+04	-1.866e+04
270	87	2.314e+04	-733.76	-0.02	-1.51	55.0	-156.53	2364.23	-493.56	-2704.64	-2.877e+04	2.107e+04
		-1.672e+04	-2.657e+04	0.02		0.0	-167.45	-1921.71	-485.81	-3255.80	-1847.77	4323.63
270	90	2.305e+04	-899.24	-0.02	-1.49	27.5	-167.45	270.98	-485.81	-2996.55	-1.525e+04	-1.873e+04
		-1.627e+04	-2.673e+04	0.02		55.0	-167.45	2363.09	-485.81	-2647.01	-2.866e+04	2.099e+04
270	91	2.247e+04	-1168.51	-0.02	-1.43	0.0	-236.10	-1681.22	-458.09	-3491.91	-1168.51	4389.10
		-1.542e+04	-2.636e+04	0.02		27.5	-236.10	306.44	-458.09	-3127.21	-1.377e+04	-1.480e+04
270	92	2.287e+04	-907.66	-0.02	-1.48	55.0	-236.10	2427.09	-458.09	-2819.33	-2.636e+04	2.247e+04
		-1.620e+04	-2.649e+04	0.02		0.0	-311.15	-1931.95	-492.73	-3785.53	-277.96	4730.70
271	4	6255.81	3.059e+04	-0.02	-2.02	27.5	-311.15	332.11	-492.73	-3411.04	-1.383e+04	-1.756e+04
		-3.779e+04	-4894.91	0.03		55.0	-311.15	2733.50	-492.73	-3098.52	-2.738e+04	2.426e+04
271	5	4351.88	2.113e+04	-0.02	-1.32	0.0	-290.10	-1883.66	-497.21	-3812.60	-517.74	4665.43
		-2.465e+04	-4710.84	0.02		27.5	-290.10	333.50	-497.21	-3428.14	-1.419e+04	-1.695e+04
271	9	5829.30	2.951e+04	-0.02	-1.81	55.0	-290.10	2691.55	-497.21	-3105.96	-2.786e+04	2.430e+04
		-3.407e+04	-6141.84	0.03		0.0	-236.10	-1681.22	-458.09	-3491.91	-1168.51	4389.10
271	11	6157.92	3.086e+04	-0.02	-1.98	27.5	-236.10	306.44	-458.09	-3127.21	-1.377e+04	-1.480e+04
		-3.711e+04	-5344.10	0.03		55.0	-236.10	2427.09	-458.09	-2819.33	-2.636e+04	2.247e+04
271	15	4672.54	2.629e+04	-0.03	-1.45	0.0	-258.28	-1750.22	-465.05	-3553.42	-907.66	4482.99
		-2.489e+04	225.73	0.02		27.5	-258.28	312.04	-465.05	-3188.76	-1.370e+04	-1.558e+04
271	18	4293.76	1.705e+04	0.02	-1.32	55.0	-258.28	2507.48	-465.05	-2882.04	-2.649e+04	2.287e+04
		-2.684e+04	-9020.37	0.02		0.0	-1461.77	-2749.85	-645.25	-3990.81	3.059e+04	-1239.59
271	24	4695.60	2.925e+04	-0.02	-1.42	27.5	-1461.77	112.19	-645.25	-3342.93	1.285e+04	-3.779e+04
						55.0	-1461.77	3118.64	-645.25	-2758.59	-4894.91	6255.81
						0.0	-985.53	-1713.18	-469.83	-2939.56	2.113e+04	-2266.33
						27.5	-985.53	101.71	-469.83	-2458.34	8209.38	-2.465e+04
						55.0	-985.53	2028.20	-469.83	-2023.85	-4710.84	4351.88
						0.0	-1367.74	-2358.03	-648.23	-4076.02	2.951e+04	-3250.38
						27.5	-1367.74	139.26	-648.23	-3412.16	1.168e+04	-3.407e+04
						55.0	-1367.74	2791.35	-648.23	-2813.15	-6141.84	5829.30
						0.0	-1455.60	-2651.34	-658.21	-4103.18	3.086e+04	-2054.67
						27.5	-1455.60	124.10	-658.21	-3436.75	1.276e+04	-3.711e+04
						55.0	-1455.60	3050.72	-658.21	-2835.64	-5344.10	6157.92
						0.0	-952.52	-1736.27	-473.84	-3128.67	2.629e+04	-1131.64
						27.5	-952.52	110.54	-473.84	-2717.25	1.326e+04	-2.489e+04
						55.0	-952.52	2193.60	-473.84	-2630.53	225.73	4672.54
						0.0	-1089.26	-1924.24	-474.11	-2771.68	1.705e+04	-2455.92
						27.5	-1089.26	80.93	-474.11	-2220.09	4014.43	-2.684e+04
						55.0	-1089.26	2070.33	-474.11	-1437.64	-9020.37	4293.76
						0.0	-982.39	-1767.19	-506.43	-3022.76	2.925e+04	-1666.32

		-2.526e+04	1441.13	0.02			27.5	-982.39	98.88	-506.43	-2788.77	1.534e+04	-2.526e+04
							55.0	-982.39	2169.23	-506.43	-2647.77	1441.13	4695.60
271	25	4270.70	1.409e+04	0.03	-1.35		0.0	-1059.38	-1893.31	-441.52	-2877.59	1.409e+04	-1921.25
		-2.647e+04	-1.024e+04	0.02			27.5	-1059.38	92.59	-441.52	-2148.58	1929.19	-2.647e+04
							55.0	-1059.38	2094.70	-441.52	-1420.40	-1.024e+04	4270.70
271	27	4736.59	2.785e+04	-0.03	-1.45		0.0	-962.62	-1749.14	-485.68	-3109.54	2.785e+04	-1043.15
		-2.513e+04	1037.41	0.02			27.5	-962.62	114.02	-485.68	-2883.34	1.444e+04	-2.513e+04
							55.0	-962.62	2181.46	-485.68	-2754.87	1037.41	4736.59
271	47	4739.96	2.794e+04	-0.03	-1.48		0.0	-928.18	-1702.81	-473.79	-3192.21	2.794e+04	-895.92
		-2.455e+04	1871.54	0.02			27.5	-928.18	115.81	-473.79	-2805.75	1.491e+04	-2.455e+04
							55.0	-928.18	2215.54	-473.79	-2842.86	1871.54	4739.96
271	50	4226.34	1.540e+04	0.03	-1.30		0.0	-1113.60	-1957.70	-474.16	-2708.13	1.540e+04	-2691.65
		-2.718e+04	-1.067e+04	0.02			27.5	-1113.60	75.65	-474.16	-2131.59	2368.78	-2.718e+04
							55.0	-1113.60	2048.39	-474.16	-1225.31	-1.067e+04	4226.34
271	56	4771.23	3.195e+04	-0.03	-1.44		0.0	-968.69	-1744.74	-517.99	-3048.60	3.195e+04	-1620.95
		-2.506e+04	3519.61	0.02			27.5	-968.69	100.00	-517.99	-2902.72	1.773e+04	-2.505e+04
							55.0	-968.69	2182.50	-517.99	-2866.25	3519.61	4771.23
271	57	4195.07	1.140e+04	0.03	-1.34		0.0	-1073.09	-1915.76	-429.97	-2851.75	1.140e+04	-1966.62
		-2.669e+04	-1.231e+04	0.02			27.5	-1073.09	91.47	-429.97	-2034.62	-458.80	-2.669e+04
							55.0	-1073.09	2081.43	-429.97	-1201.92	-1.231e+04	4195.07
271	59	4826.81	3.004e+04	-0.03	-1.47		0.0	-941.88	-1720.26	-489.85	-3166.28	3.004e+04	-775.93
		-2.487e+04	2972.18	0.02			27.5	-941.88	120.53	-489.85	-3030.96	1.651e+04	-2.487e+04
							55.0	-941.88	2199.08	-489.85	-3011.47	2972.18	4826.81
271	79	4389.26	2.129e+04	-0.02	-1.34		0.0	-995.78	-1746.45	-471.13	-2942.41	2.129e+04	-2135.42
		-2.500e+04	-4625.24	0.02			27.5	-995.78	100.06	-471.13	-2461.65	8330.74	-2.500e+04
							55.0	-995.78	2057.86	-471.13	-2027.66	-4625.24	4389.26
271	82	4730.86	2.313e+04	-0.02	-1.51		0.0	-1100.45	-2043.91	-492.11	-3050.96	2.313e+04	-1198.39
		-2.830e+04	-3937.03	0.02			27.5	-1100.45	89.23	-492.11	-2554.64	9596.08	-2.830e+04
							55.0	-1100.45	2333.70	-492.11	-2106.87	-3937.03	4730.86
271	83	4446.52	2.241e+04	-0.02	-1.37		0.0	-1037.76	-1782.70	-494.10	-3107.76	2.241e+04	-2538.92
		-2.582e+04	-4768.32	0.02			27.5	-1037.76	107.28	-494.10	-2600.79	8819.56	-2.582e+04
							55.0	-1037.76	2115.51	-494.10	-2143.25	-4768.32	4446.52
271	85	4665.60	2.330e+04	-0.02	-1.48		0.0	-1096.34	-1978.24	-500.75	-3125.87	2.330e+04	-1741.77
		-2.784e+04	-4236.50	0.02			27.5	-1096.34	97.17	-500.75	-2617.18	9534.22	-2.784e+04
							55.0	-1096.34	2288.42	-500.75	-2158.24	-4236.50	4665.60
271	86	4389.26	2.129e+04	-0.02	-1.34		0.0	-995.78	-1746.45	-471.13	-2942.41	2.129e+04	-2135.42
		-2.500e+04	-4625.24	0.02			27.5	-995.78	100.06	-471.13	-2461.65	8330.74	-2.500e+04
							55.0	-995.78	2057.86	-471.13	-2027.66	-4625.24	4389.26
271	87	4545.74	2.193e+04	-0.02	-1.42		0.0	-1037.62	-1886.12	-475.88	-2955.35	2.193e+04	-1566.03
		-2.644e+04	-4245.37	0.02			27.5	-1037.62	92.85	-475.88	-2473.36	8841.21	-2.644e+04
							55.0	-1037.62	2181.37	-475.88	-2038.37	-4245.37	4545.74
271	88	4400.71	2.151e+04	-0.02	-1.35		0.0	-1004.18	-1753.70	-475.72	-2975.48	2.151e+04	-2216.12
		-2.516e+04	-4653.86	0.02			27.5	-1004.18	101.51	-475.72	-2489.47	8428.50	-2.516e+04
							55.0	-1004.18	2069.39	-475.72	-2050.78	-4653.86	4400.71
271	91	4389.26	2.129e+04	-0.02	-1.34		0.0	-995.78	-1746.45	-471.13	-2942.41	2.129e+04	-2135.42
		-2.500e+04	-4625.24	0.02			27.5	-995.78	100.06	-471.13	-2461.65	8330.74	-2.500e+04
							55.0	-995.78	2057.86	-471.13	-2027.66	-4625.24	4389.26
271	92	4483.15	2.167e+04	-0.02	-1.39		0.0	-1020.89	-1830.25	-473.98	-2950.17	2.167e+04	-1793.78
		-2.587e+04	-4397.32	0.02			27.5	-1020.89	95.73	-473.98	-2468.67	8637.02	-2.587e+04
							55.0	-1020.89	2131.97	-473.98	-2034.09	-4397.32	4483.15
272	3	1728.28	5.836e+04	-9.37e-03	-1.92		0.0	-1792.99	-1936.31	-928.41	-1279.95	5.836e+04	1728.28
		-1.674e+04	2.448e+04	0.01			18.2	-1792.99	-80.76	-928.41	-811.16	4.142e+04	-1.674e+04
							36.5	-1792.99	1821.29	-928.41	-349.46	2.448e+04	-936.69
272	5	-798.83	4.284e+04	-7.84e-03	-1.24		0.0	-1290.87	-1216.35	-702.81	-1269.03	4.284e+04	-798.83
		-1.238e+04	1.719e+04	9.89e-03			18.2	-1290.87	-46.68	-702.81	-906.36	3.001e+04	-1.238e+04
							36.5	-1290.87	1161.88	-702.81	-551.60	1.719e+04	-2266.14
272	11	481.38	6.090e+04	-0.01	-1.88		0.0	-1854.32	-1884.44	-974.10	-1527.49	6.090e+04	481.38
		-1.750e+04	2.534e+04	0.01			18.2	-1854.32	-78.06	-974.10	-1027.99	4.312e+04	-1.750e+04
							36.5	-1854.32	1779.84	-974.10	-537.47	2.534e+04	-2054.39
272	24	199.61	5.067e+04	-0.02	-1.37		0.0	-1393.26	-1246.85	-683.10	-1547.14	5.067e+04	199.61
		-1.275e+04	2.567e+04	0.01			18.2	-1393.26	-46.93	-683.10	-1373.53	3.817e+04	-1.275e+04
							36.5	-1393.26	1261.00	-683.10	-1214.56	2.567e+04	-1666.13
272	25	-494.28	3.628e+04	0.02	-1.26		0.0	-1243.14	-1353.59	-729.74	-816.56	3.628e+04	-494.28
		-1.232e+04	9711.67	9.55e-03			18.2	-1243.14	-55.92	-729.74	-266.55	2.300e+04	-1.232e+04
							36.5	-1243.14	1209.63	-729.74	283.77	9711.67	-1921.05
272	35	1807.51	4.104e+04	-0.02	-1.35		0.0	-1185.66	-1256.24	-651.69	-1891.59	4.104e+04	1807.51
		-1.073e+04	1.720e+04	0.01			18.2	-1185.66	-29.18	-651.69	-1597.59	2.912e+04	-1.073e+04
							36.5	-1185.66	1290.23	-651.69	-1318.87	1.720e+04	-531.52
272	36	-1588.38	4.947e+04	0.01	-1.32		0.0	-1470.17	-1307.55	-739.28	-790.40	4.947e+04	-1588.38
		-1.416e+04	2.249e+04	9.98e-03			18.2	-1470.17	-67.52	-739.28	-475.57	3.598e+04	-1.416e+04
							36.5	-1470.17	1203.61	-739.28	-165.24	2.249e+04	-2777.07
272	37	1293.71	3.748e+04	-0.01	-1.31		0.0	-1166.23	-1292.88	-673.56	-1573.31	3.748e+04	1293.71
		-1.091e+04	1.289e+04	0.01			18.2	-1166.23	-35.33	-673.56	-1164.51	2.519e+04	-1.091e+04
							36.5	-1166.23	1267.02	-673.56	-765.54	1.289e+04	-810.10
272	38	-2102.18	4.591e+04	0.02	-1.28		0.0	-1450.74	-1344.19	-761.16	-472.11	4.591e+04	-2102.18
		-1.435e+04	1.818e+04	9.62e-03			18.2	-1450.74	-73.67	-761.16	-42.49	3.205e+04	-1.435e+04
							36.5	-1450.74	1180.40	-761.16	388.09	1.818e+04	-3055.65

272	56	323.13	5.323e+04	-0.02	-1.39	0.0	-1419.98	-1227.85	-674.80	-1677.19	5.323e+04	323.13
		-1.282e+04	2.851e+04	0.01		18.2	-1419.98	-45.33	-674.80	-1570.57	4.087e+04	-1.282e+04
						36.5	-1419.98	1270.14	-674.80	-1481.26	2.851e+04	-1620.76
272	57	-617.80	3.372e+04	0.02	-1.24	0.0	-1216.41	-1372.59	-738.04	-686.51	3.372e+04	-617.80
		-1.225e+04	6870.52	9.37e-03		18.2	-1216.41	-57.52	-738.04	-69.51	2.030e+04	-1.225e+04
						36.5	-1216.41	1200.49	-738.04	550.48	6870.52	-1966.41
272	67	2503.41	4.017e+04	-0.02	-1.36	0.0	-1138.48	-1240.59	-632.20	-2144.25	4.017e+04	2503.41
		-1.009e+04	1.703e+04	0.01		18.2	-1138.48	-21.27	-632.20	-1874.40	2.860e+04	-1.008e+04
						36.5	-1138.48	1309.78	-632.20	-1622.71	1.703e+04	-82.22
272	68	-2101.37	5.160e+04	0.01	-1.32	0.0	-1524.27	-1310.16	-750.98	-651.04	5.160e+04	-2101.37
		-1.474e+04	2.420e+04	9.95e-03		18.2	-1524.27	-73.25	-750.98	-352.94	3.790e+04	-1.474e+04
						36.5	-1524.27	1192.32	-750.98	-58.39	2.420e+04	-3127.21
272	69	1806.70	3.535e+04	-0.01	-1.31	0.0	-1112.13	-1290.27	-661.86	-1712.66	3.535e+04	1806.70
		-1.033e+04	1.118e+04	0.01		18.2	-1112.13	-29.60	-661.86	-1287.15	2.327e+04	-1.033e+04
						36.5	-1112.13	1278.31	-661.86	-872.40	1.118e+04	-459.96
272	70	-2798.08	4.678e+04	0.02	-1.27	0.0	-1497.92	-1359.85	-780.64	-219.45	4.678e+04	-2798.08
		-1.499e+04	1.836e+04	9.46e-03		18.2	-1497.92	-81.59	-780.64	234.32	3.257e+04	-1.499e+04
						36.5	-1497.92	1160.85	-780.64	691.92	1.836e+04	-3504.96
272	79	-617.08	4.303e+04	-7.79e-03	-1.26	0.0	-1298.94	-1240.16	-704.03	-1244.55	4.303e+04	-617.08
		-1.243e+04	1.733e+04	9.94e-03		18.2	-1298.94	-48.03	-704.03	-882.47	3.018e+04	-1.243e+04
						36.5	-1298.94	1182.74	-704.03	-528.11	1.733e+04	-2135.22
272	81	948.74	4.452e+04	-7.32e-03	-1.43	0.0	-1363.14	-1440.36	-712.00	-1035.57	4.452e+04	948.74
		-1.279e+04	1.853e+04	0.01		18.2	-1363.14	-59.34	-712.00	-674.36	3.153e+04	-1.279e+04
						36.5	-1363.14	1357.98	-712.00	-319.05	1.853e+04	-996.43
272	85	117.48	4.621e+04	-7.99e-03	-1.41	0.0	-1404.03	-1405.77	-742.46	-1200.59	4.621e+04	117.48
		-1.329e+04	1.911e+04	0.01		18.2	-1404.03	-57.54	-742.46	-818.91	3.266e+04	-1.329e+04
						36.5	-1404.03	1330.35	-742.46	-444.39	1.911e+04	-1741.57
272	86	-617.08	4.303e+04	-7.79e-03	-1.26	0.0	-1298.94	-1240.16	-704.03	-1244.55	4.303e+04	-617.08
		-1.243e+04	1.733e+04	9.94e-03		18.2	-1298.94	-48.03	-704.03	-882.47	3.018e+04	-1.243e+04
						36.5	-1298.94	1182.74	-704.03	-528.11	1.733e+04	-2135.22
272	87	165.83	4.377e+04	-7.55e-03	-1.35	0.0	-1331.04	-1340.26	-708.01	-1140.06	4.377e+04	165.83
		-1.261e+04	1.793e+04	0.01		18.2	-1331.04	-53.69	-708.01	-778.42	3.085e+04	-1.261e+04
						36.5	-1331.04	1270.36	-708.01	-423.58	1.793e+04	-1565.83
272	90	-219.64	4.390e+04	-7.75e-03	-1.32	0.0	-1330.23	-1305.31	-712.99	-1202.32	4.390e+04	-219.64
		-1.266e+04	1.788e+04	0.01		18.2	-1330.23	-51.74	-712.99	-836.46	3.089e+04	-1.266e+04
						36.5	-1330.23	1240.30	-712.99	-477.92	1.788e+04	-1874.29
272	91	-617.08	4.303e+04	-7.79e-03	-1.26	0.0	-1298.94	-1240.16	-704.03	-1244.55	4.303e+04	-617.08
		-1.243e+04	1.733e+04	9.94e-03		18.2	-1298.94	-48.03	-704.03	-882.47	3.018e+04	-1.243e+04
						36.5	-1298.94	1182.74	-704.03	-528.11	1.733e+04	-2135.22
272	92	-147.34	4.348e+04	-7.65e-03	-1.32	0.0	-1318.20	-1300.22	-706.42	-1181.85	4.348e+04	-147.34
		-1.254e+04	1.769e+04	0.01		18.2	-1318.20	-51.43	-706.42	-820.04	3.058e+04	-1.254e+04
						36.5	-1318.20	1235.31	-706.42	-465.39	1.769e+04	-1793.59
273	3	1728.71	1.039e+05	7.77e-03	-1.88	0.0	-1373.13	-1621.66	-1392.77	2287.41	1.039e+05	-5598.79
		-1.886e+04	5.310e+04	7.86e-03		18.2	-1373.13	194.15	-1392.77	2733.51	7.851e+04	-1.868e+04
						36.5	-1373.13	2049.52	-1392.77	3204.01	5.310e+04	1728.71
273	5	-798.52	7.705e+04	6.58e-03	-1.20	0.0	-1052.00	-1014.73	-1042.76	956.69	7.705e+04	-5112.71
		-1.349e+04	3.899e+04	5.64e-03		18.2	-1052.00	112.62	-1042.76	1313.76	5.802e+04	-1.339e+04
						36.5	-1052.00	1273.42	-1042.76	1682.56	3.899e+04	-798.52
273	11	481.81	1.085e+05	8.66e-03	-1.83	0.0	-1458.36	-1573.37	-1452.17	1961.30	1.085e+05	-6461.17
		-1.938e+04	5.546e+04	8.05e-03		18.2	-1458.36	182.87	-1452.17	2443.62	8.196e+04	-1.921e+04
						36.5	-1458.36	1983.18	-1452.17	2947.76	5.546e+04	481.81
273	25	-493.95	7.238e+04	0.01	-1.22	0.0	-927.86	-1162.17	-1123.83	1741.42	7.238e+04	-6016.94
		-1.393e+04	3.155e+04	5.96e-03		18.2	-927.86	103.40	-1123.83	2275.73	5.196e+04	-1.377e+04
						36.5	-927.86	1368.62	-1123.83	2831.84	3.155e+04	-493.95
273	35	1807.86	7.303e+04	-0.03	-1.35	0.0	-892.84	-1008.53	-976.25	-304.65	7.303e+04	-1259.11
		-1.035e+04	3.731e+04	6.47e-03		18.2	-892.84	172.74	-976.25	1.81	5.517e+04	-1.034e+04
						36.5	-892.84	1481.10	-976.25	307.59	3.731e+04	1807.86
273	36	-1588.10	8.513e+04	0.02	-1.24	0.0	-1256.81	-1109.17	-1075.01	2164.61	8.513e+04	-7244.70
		-1.661e+04	4.586e+04	5.07e-03		18.2	-1256.81	94.34	-1075.01	2455.65	6.550e+04	-1.645e+04
						36.5	-1256.81	1269.56	-1075.01	2768.37	4.586e+04	-1588.10
273	37	1294.06	7.077e+04	-0.02	-1.31	0.0	-850.21	-1063.19	-1028.41	240.81	7.077e+04	-2488.13
		-1.099e+04	3.327e+04	6.46e-03		18.2	-850.21	153.41	-1028.41	654.92	5.202e+04	-1.094e+04
						36.5	-850.21	1463.35	-1028.41	1075.12	3.327e+04	1294.06
273	38	-2101.89	8.288e+04	0.03	-1.20	0.0	-1214.17	-1163.82	-1127.17	2710.07	8.288e+04	-8473.72
		-1.725e+04	4.182e+04	5.07e-03		18.2	-1214.17	75.00	-1127.17	3108.76	6.235e+04	-1.704e+04
						36.5	-1214.17	1251.82	-1127.17	3535.90	4.182e+04	-2101.89
273	57	-617.47	7.040e+04	0.02	-1.20	0.0	-883.12	-1189.23	-1149.50	1933.20	7.040e+04	-6426.53
		-1.398e+04	2.869e+04	6.03e-03		18.2	-883.12	96.12	-1149.50	2532.21	4.955e+04	-1.380e+04
						36.5	-883.12	1369.39	-1149.50	3155.84	2.869e+04	-617.47
273	67	2503.77	7.127e+04	-0.03	-1.37	0.0	-835.65	-980.89	-949.39	-841.26	7.127e+04	25.11
		-9151.99	3.650e+04	6.72e-03		18.2	-835.65	190.14	-949.39	-551.22	5.389e+04	-9151.99
						36.5	-835.65	1521.91	-949.39	-267.05	3.650e+04	2503.77
273	68	-2101.10	8.769e+04	0.02	-1.23	0.0	-1329.18	-1117.35	-1083.31	2507.04	8.769e+04	-8091.38
		-1.761e+04	4.810e+04	4.83e-03		18.2	-1329.18	83.82	-1083.31	2776.18	6.790e+04	-1.743e+04
						36.5	-1329.18	1235.07	-1083.31	3069.76	4.810e+04	-2101.10
273	69	1807.07	6.822e+04	-0.02	-1.32	0.0	-777.84	-1055.01	-1020.11	-101.62	6.822e+04	-1641.45
		-9991.76	3.102e+04	6.71e-03		18.2	-777.84	163.92	-1020.11	334.40	4.962e+04	-9958.05

273	70	-2797.81	8.463e+04	0.03	-1.18	36.5	-777.84	1497.85	-1020.11	773.73	3.102e+04	1807.07
		-1.848e+04	4.263e+04	4.82e-03		0.0	-1271.37	-1191.46	-1154.03	3246.69	8.463e+04	-9757.93
						18.2	-1271.37	57.60	-1154.03	3661.79	6.363e+04	-1.824e+04
273	79	-616.77	7.733e+04	6.53e-03	-1.22	36.5	-1271.37	1211.01	-1154.03	4110.53	4.263e+04	-2797.81
		-1.358e+04	3.916e+04	5.68e-03		0.0	-1052.75	-1035.00	-1045.56	1025.72	7.733e+04	-5044.65
						18.2	-1052.75	115.77	-1045.56	1381.17	5.824e+04	-1.348e+04
273	81	949.07	7.941e+04	6.08e-03	-1.40	36.5	-1052.75	1299.76	-1045.56	1748.95	3.916e+04	-616.77
		-1.432e+04	4.050e+04	5.98e-03		0.0	-1055.29	-1205.59	-1066.05	1615.68	7.941e+04	-4450.52
						18.2	-1055.29	142.77	-1066.05	1961.55	5.996e+04	-1.419e+04
273	85	117.80	8.244e+04	6.68e-03	-1.37	36.5	-1055.29	1522.09	-1066.05	2324.94	4.050e+04	949.07
		-1.467e+04	4.208e+04	6.10e-03		0.0	-1112.11	-1173.41	-1105.65	1398.28	8.244e+04	-5025.44
						18.2	-1112.11	135.24	-1105.65	1768.30	6.226e+04	-1.455e+04
273	86	-616.77	7.733e+04	6.53e-03	-1.22	36.5	-1112.11	1477.86	-1105.65	2154.11	4.208e+04	117.80
		-1.358e+04	3.916e+04	5.68e-03		0.0	-1052.75	-1035.00	-1045.56	1025.72	7.733e+04	-5044.65
						18.2	-1052.75	115.77	-1045.56	1381.17	5.824e+04	-1.348e+04
273	87	166.15	7.837e+04	6.31e-03	-1.31	36.5	-1052.75	1299.76	-1045.56	1748.95	3.916e+04	-616.77
		-1.395e+04	3.983e+04	5.83e-03		0.0	-1054.02	-1120.30	-1055.81	1320.70	7.837e+04	-4747.59
						18.2	-1054.02	129.27	-1055.81	1671.36	5.910e+04	-1.384e+04
273	90	-219.32	7.868e+04	6.49e-03	-1.28	36.5	-1054.02	1410.92	-1055.81	2036.94	3.983e+04	166.15
		-1.391e+04	3.996e+04	5.81e-03		0.0	-1065.03	-1089.98	-1060.86	1194.63	7.868e+04	-4945.75
						18.2	-1065.03	123.99	-1060.86	1551.46	5.932e+04	-1.381e+04
273	91	-616.77	7.733e+04	6.53e-03	-1.22	36.5	-1065.03	1370.95	-1060.86	1922.14	3.996e+04	-219.32
		-1.358e+04	3.916e+04	5.68e-03		0.0	-1052.75	-1035.00	-1045.56	1025.72	7.733e+04	-5044.65
						18.2	-1052.75	115.77	-1045.56	1381.17	5.824e+04	-1.348e+04
273	92	-147.02	7.795e+04	6.40e-03	-1.28	36.5	-1052.75	1299.76	-1045.56	1748.95	3.916e+04	-616.77
		-1.380e+04	3.956e+04	5.77e-03		0.0	-1053.51	-1086.18	-1051.71	1202.71	7.795e+04	-4866.41
						18.2	-1053.51	123.87	-1051.71	1555.29	5.876e+04	-1.369e+04
274	4	7.680e+04	-692.22	-1.57e-03	-2.31	36.5	-1053.51	1366.46	-1051.71	1921.74	3.956e+04	-147.02
		-2.089e+04	-2.117e+04	1.78e-03		0.0	4206.15	-4281.20	280.53	1.731e+04	-2.117e+04	5.114e+04
						36.5	4206.15	349.54	280.53	1.568e+04	-1.093e+04	-2.062e+04
274	5	5.173e+04	-463.09	-1.72e-03	-1.52	73.0	4206.15	4991.50	280.53	1.438e+04	-692.22	7.680e+04
		-1.549e+04	-1.374e+04	1.46e-03		0.0	2546.49	-2709.34	181.82	1.166e+04	-1.374e+04	2.884e+04
						36.5	2546.49	311.46	181.82	1.057e+04	-7099.42	-1.493e+04
						73.0	2546.49	3344.16	181.82	9708.09	-463.09	5.173e+04
274	11	7.577e+04	-578.78	-1.86e-03	-2.27	0.0	4103.71	-4167.39	273.24	1.701e+04	-2.053e+04	4.877e+04
		-2.097e+04	-2.053e+04	1.85e-03		36.5	4103.71	367.62	273.24	1.541e+04	-1.055e+04	-2.059e+04
						73.0	4103.71	4915.66	273.24	1.413e+04	-578.78	7.577e+04
274	12	5.391e+04	-323.35	-1.93e-03	-1.58	0.0	2744.61	-2831.85	188.00	1.204e+04	-1.405e+04	3.053e+04
		-1.592e+04	-1.405e+04	1.52e-03		36.5	2744.61	317.88	188.00	1.091e+04	-7185.42	-1.536e+04
						73.0	2744.61	3480.83	188.00	1.002e+04	-323.35	5.391e+04
274	18	5.178e+04	953.55	-1.49e-03	-1.51	0.0	2089.81	-3149.05	146.58	1.287e+04	-9745.94	2.427e+04
		-1.794e+04	-9745.94	1.85e-03		36.5	2089.81	203.67	146.58	1.196e+04	-4396.20	-1.710e+04
						73.0	2089.81	3349.29	146.58	1.132e+04	953.55	5.178e+04
274	25	5.470e+04	3245.88	-2.64e-03	-1.62	0.0	2119.68	-2912.89	64.46	1.225e+04	-1463.09	2.788e+04
		-1.685e+04	-1463.09	-5.37e-04		36.5	2119.68	215.96	64.46	1.098e+04	891.39	-1.595e+04
						73.0	2119.68	3570.01	64.46	9946.59	3245.88	5.470e+04
274	27	5.563e+04	-2854.60	5.28e-03	-1.69	0.0	3456.37	-2605.99	258.15	1.172e+04	-2.170e+04	3.928e+04
		-1.350e+04	-2.170e+04	2.60e-03		36.5	3456.37	387.70	258.15	1.043e+04	-1.228e+04	-1.340e+04
						73.0	3456.37	3609.41	258.15	9318.23	-2854.60	5.563e+04
274	30	5.187e+04	1857.43	-2.23e-03	-1.50	0.0	2013.97	-3145.46	124.95	1.253e+04	-7261.38	2.450e+04
		-1.775e+04	-7261.38	2.63e-04		36.5	2013.97	207.57	124.95	1.156e+04	-2701.98	-1.695e+04
						73.0	2013.97	3353.90	124.95	1.087e+04	1857.43	5.187e+04
274	31	5.867e+04	1393.00	1.79e-03	-1.80	0.0	3066.95	-2445.76	107.52	1.139e+04	-6461.26	3.911e+04
		-1.351e+04	-6461.26	1.13e-04		36.5	3066.95	335.45	107.52	9704.82	-2534.13	-1.304e+04
						73.0	3066.95	3850.55	107.52	8190.52	1393.00	5.867e+04
274	36	4.913e+04	-3949.14	3.41e-03	-1.41	0.0	2781.64	-3212.55	327.20	1.260e+04	-2.783e+04	2.815e+04
		-1.668e+04	-2.783e+04	3.36e-03		36.5	2781.64	312.50	327.20	1.199e+04	-1.589e+04	-1.649e+04
						73.0	2781.64	3125.96	327.20	1.167e+04	-3949.14	4.913e+04
274	50	5.108e+04	1470.51	-2.56e-03	-1.47	0.0	1860.06	-3246.35	130.57	1.314e+04	-8060.01	2.156e+04
		-1.877e+04	-8060.01	2.00e-03		36.5	1860.06	170.22	130.57	1.231e+04	-3294.75	-1.778e+04
						73.0	1860.06	3302.18	130.57	1.175e+04	1470.51	5.108e+04
274	57	5.504e+04	4578.90	-4.12e-03	-1.63	0.0	1900.57	-2926.11	19.21	1.229e+04	3171.53	2.645e+04
		-1.729e+04	3171.53	-1.23e-03		36.5	1900.57	186.89	19.21	1.098e+04	3875.22	-1.623e+04
						73.0	1900.57	3601.46	19.21	9894.89	4578.90	5.504e+04
274	59	5.630e+04	-3693.34	6.61e-03	-1.72	0.0	3713.12	-2509.96	281.86	1.157e+04	-2.427e+04	4.191e+04
		-1.277e+04	-2.427e+04	3.01e-03		36.5	3713.12	419.76	281.86	1.023e+04	-1.398e+04	-1.277e+04
						73.0	3713.12	3654.89	281.86	9042.83	-3693.34	5.630e+04
274	62	5.120e+04	2696.18	-3.56e-03	-1.47	0.0	1757.22	-3241.49	101.24	1.268e+04	-4690.95	2.187e+04
		-1.851e+04	-4690.95	-1.69e-04		36.5	1757.22	175.50	101.24	1.176e+04	-997.39	-1.758e+04
						73.0	1757.22	3308.41	101.24	1.114e+04	2696.18	5.120e+04
274	63	6.043e+04	2066.40	1.89e-03	-1.88	0.0	3185.06	-2292.69	77.61	1.113e+04	-3606.00	4.168e+04
		-1.275e+04	-3606.00	-5.78e-04		36.5	3185.06	348.91	77.61	9246.38	-769.80	-1.229e+04
						73.0	3185.06	3981.88	77.61	7513.66	2066.40	6.043e+04
274	68	4.749e+04	-5177.54	4.08e-03	-1.34	0.0	2798.19	-3332.45	375.49	1.276e+04	-3.258e+04	2.682e+04
		-1.706e+04	-3.258e+04	4.05e-03		36.5	2798.19	317.80	375.49	1.235e+04	-1.888e+04	-1.696e+04
						73.0	2798.19	2999.33	375.49	1.223e+04	-5177.54	4.749e+04
274	79	5.234e+04	-469.53	-1.64e-03	-1.55	0.0	2600.84	-2759.01	184.63	1.180e+04	-1.395e+04	2.974e+04

		-1.554e+04	-1.395e+04	1.45e-03		36.5	2600.84	307.54	184.63	1.070e+04	-7208.37	-1.501e+04
						73.0	2600.84	3385.53	184.63	9823.36	-469.53	5.234e+04
274	82	5.778e+04	-519.79	-1.32e-03	-1.73	0.0	3114.65	-3188.89	209.77	1.302e+04	-1.583e+04	3.746e+04
		-1.597e+04	-1.583e+04	1.39e-03		36.5	3114.65	276.64	209.77	1.179e+04	-8176.23	-1.569e+04
						73.0	3114.65	3751.49	209.77	1.082e+04	-519.79	5.778e+04
274	83	5.379e+04	-376.38	-1.79e-03	-1.59	0.0	2732.92	-2840.69	188.75	1.205e+04	-1.416e+04	3.087e+04
		-1.582e+04	-1.416e+04	1.49e-03		36.5	2732.92	311.82	188.75	1.093e+04	-7265.71	-1.530e+04
						73.0	2732.92	3476.65	188.75	1.003e+04	-376.38	5.379e+04
274	85	5.709e+04	-444.16	-1.51e-03	-1.70	0.0	3046.36	-3113.01	204.90	1.282e+04	-1.540e+04	3.588e+04
		-1.602e+04	-1.540e+04	1.43e-03		36.5	3046.36	288.70	204.90	1.161e+04	-7923.14	-1.568e+04
						73.0	3046.36	3700.93	204.90	1.066e+04	-444.16	5.709e+04
274	86	5.234e+04	-469.53	-1.64e-03	-1.55	0.0	2600.84	-2759.01	184.63	1.180e+04	-1.395e+04	2.974e+04
		-1.554e+04	-1.395e+04	1.45e-03		36.5	2600.84	307.54	184.63	1.070e+04	-7208.37	-1.501e+04
						73.0	2600.84	3385.53	184.63	9823.36	-469.53	5.234e+04
274	87	5.469e+04	-517.95	-1.45e-03	-1.63	0.0	2824.72	-2953.53	196.16	1.234e+04	-1.484e+04	3.332e+04
		-1.568e+04	-1.484e+04	1.41e-03		36.5	2824.72	291.02	196.16	1.119e+04	-7677.97	-1.528e+04
						73.0	2824.72	3545.73	196.16	1.027e+04	-517.95	5.469e+04
274	88	5.263e+04	-450.90	-1.67e-03	-1.55	0.0	2627.25	-2775.35	185.45	1.185e+04	-1.399e+04	2.996e+04
		-1.560e+04	-1.399e+04	1.45e-03		36.5	2627.25	308.40	185.45	1.074e+04	-7219.84	-1.507e+04
						73.0	2627.25	3403.76	185.45	9864.64	-450.90	5.263e+04
274	91	5.234e+04	-469.53	-1.64e-03	-1.55	0.0	2600.84	-2759.01	184.63	1.180e+04	-1.395e+04	2.974e+04
		-1.554e+04	-1.395e+04	1.45e-03		36.5	2600.84	307.54	184.63	1.070e+04	-7208.37	-1.501e+04
						73.0	2600.84	3385.53	184.63	9823.36	-469.53	5.234e+04
274	92	5.375e+04	-498.58	-1.53e-03	-1.60	0.0	2735.17	-2875.73	191.55	1.212e+04	-1.448e+04	3.189e+04
		-1.563e+04	-1.448e+04	1.42e-03		36.5	2735.17	297.63	191.55	1.099e+04	-7490.13	-1.517e+04
						73.0	2735.17	3481.65	191.55	1.009e+04	-498.58	5.375e+04
275	1	5.029e+04	-1358.91	0.04	-0.05	0.0	-990.79	957.90	89.13	3638.35	-6283.17	3762.92
		3762.92	-6283.17	-6.30e-03		27.6	-990.79	841.55	89.13	3643.64	-3821.04	2.861e+04
						55.2	-990.79	728.78	89.13	3649.74	-1358.91	5.029e+04
275	4	5.799e+04	-1501.18	0.05	-0.06	0.0	-948.40	1064.32	99.14	4118.28	-6978.89	4998.53
		4998.53	-6978.89	-6.94e-03		27.6	-948.40	958.38	99.14	4125.12	-4240.03	3

275	87	4.044e+04	-1075.16	0.03	-0.04	0.0	-755.59	760.79	70.61	2907.34	-4976.62	3196.57
		3196.57	-4976.62	-4.98e-03		27.6	-755.59	673.66	70.61	2911.83	-3025.89	2.300e+04
						55.2	-755.59	589.39	70.61	2916.97	-1075.16	4.044e+04
275	90	3.992e+04	-1068.92	0.03	-0.04	0.0	-752.77	754.07	70.27	2876.89	-4951.33	3082.00
		3082.00	-4951.33	-4.96e-03		27.6	-752.77	666.24	70.27	2881.18	-3010.12	2.269e+04
						55.2	-752.77	581.24	70.27	2886.11	-1068.92	3.992e+04
275	91	3.830e+04	-1038.34	0.03	-0.04	0.0	-762.66	731.54	68.10	2775.31	-4800.94	2826.52
		2826.52	-4800.94	-4.82e-03		27.6	-762.66	641.52	68.10	2779.29	-2919.64	2.179e+04
						55.2	-762.66	554.22	68.10	2783.89	-1038.34	3.830e+04
275	92	3.958e+04	-1060.44	0.03	-0.04	0.0	-758.42	749.09	69.61	2854.53	-4906.35	3048.55
		3048.55	-4906.35	-4.91e-03		27.6	-758.42	660.80	69.61	2858.82	-2983.39	2.252e+04
						55.2	-758.42	575.33	69.61	2863.74	-1060.44	3.958e+04
276	4	5.799e+04	-77.35	0.03	-0.06	0.0	668.54	-428.73	70.47	5101.37	-3970.56	5.799e+04
		2.889e+04	-3970.56	-7.62e-03		27.6	668.54	-527.18	70.47	5110.14	-2023.96	4.478e+04
						55.2	668.54	-622.85	70.47	5120.03	-77.35	2.889e+04
276	5	3.779e+04	-86.86	0.02	-0.04	0.0	295.47	-272.56	47.30	3458.31	-2700.43	3.779e+04
		1.801e+04	-2700.43	-5.24e-03		27.6	295.47	-358.24	47.30	3463.48	-1393.65	2.907e+04
						55.2	295.47	-442.03	47.30	3469.40	-86.86	1.801e+04
276	8	4.548e+04	-55.53	0.03	-0.05	0.0	546.78	-336.86	55.16	3989.73	-3102.88	4.548e+04
		2.278e+04	-3102.88	-5.95e-03		27.6	546.78	-411.29	55.16	3996.66	-1579.21	3.514e+04
						55.2	546.78	-483.56	55.16	4004.47	-55.53	2.278e+04
276	31	4.181e+04	-2258.26	-0.09	-0.05	0.0	833.17	-252.43	67.39	2614.27	-6001.07	4.181e+04
		1.973e+04	-6001.07	-8.51e-03		27.6	833.17	-341.92	67.39	2632.24	-4129.67	3.181e+04
						55.2	833.17	-429.53	67.39	2650.79	-2258.26	1.973e+04
276	34	3.735e+04	2100.59	0.09	-0.04	0.0	-135.01	-323.52	30.70	4531.75	424.21	3.735e+04
		1.847e+04	424.21	-2.27e-03		27.6	-135.01	-400.17	30.70	4525.05	1262.40	2.914e+04
						55.2	-135.01	-474.81	30.70	4519.34	2100.59	1.847e+04
276	35	4.186e+04	-2141.38	-0.09	-0.05	0.0	803.54	-251.26	67.25	2615.90	-5882.42	4.186e+04
		1.972e+04	-5882.42	-8.06e-03		27.6	803.54	-340.80	67.25	2633.34	-4011.90	3.183e+04
						55.2	803.54	-428.64	67.25	2651.35	-2141.38	1.972e+04
276	63	4.261e+04	-3034.13	-0.12	-0.05	0.0	1005.51	-239.78	73.92	2272.96	-7144.77	4.261e+04
		1.995e+04	-7144.77	-9.62e-03		27.6	1005.51	-331.56	73.92	2295.32	-5089.45	3.229e+04
						55.2	1005.51	-421.47	73.92	2318.19	-3034.13	1.995e+04
276	66	3.656e+04	2876.46	0.12	-0.04	0.0	-307.34	-336.17	24.16	4873.06	1567.91	3.656e+04
		1.825e+04	1567.91	-1.16e-03		27.6	-307.34	-410.53	24.16	4861.96	2222.18	2.866e+04
						55.2	-307.34	-482.86	24.16	4851.94	2876.46	1.825e+04
276	67	4.268e+04	-2875.65	-0.12	-0.05	0.0	965.33	-238.19	73.74	2275.17	-6983.87	4.268e+04
		1.994e+04	-6983.87	-9.01e-03		27.6	965.33	-330.03	73.74	2296.81	-4929.76	3.232e+04
						55.2	965.33	-420.26	73.74	2318.95	-2875.65	1.994e+04
276	79	3.830e+04	-85.02	0.02	-0.04	0.0	309.87	-276.95	47.79	3490.55	-2725.46	3.830e+04
		1.832e+04	-2725.46	-5.28e-03		27.6	309.87	-361.89	47.79	3495.84	-1405.24	2.947e+04
						55.2	309.87	-444.94	47.79	3501.90	-85.02	1.832e+04
276	82	4.343e+04	-64.13	0.03	-0.05	0.0	477.41	-319.82	53.02	3844.83	-2993.76	4.343e+04
		2.150e+04	-2993.76	-5.76e-03		27.6	477.41	-397.27	53.02	3851.30	-1528.94	3.352e+04
						55.2	477.41	-472.62	53.02	3858.61	-64.13	2.150e+04
276	86	3.830e+04	-85.02	0.02	-0.04	0.0	309.87	-276.95	47.79	3490.55	-2725.46	3.830e+04
		1.832e+04	-2725.46	-5.28e-03		27.6	309.87	-361.89	47.79	3495.84	-1405.24	2.947e+04
						55.2	309.87	-444.94	47.79	3501.90	-85.02	1.832e+04
276	87	4.044e+04	-74.71	0.02	-0.04	0.0	375.22	-295.33	49.88	3627.99	-2830.41	4.044e+04
		1.962e+04	-2830.41	-5.46e-03		27.6	375.22	-377.15	49.88	3633.85	-1452.56	3.115e+04
						55.2	375.22	-456.99	49.88	3640.51	-74.71	1.962e+04
276	91	3.830e+04	-85.02	0.02	-0.04	0.0	309.87	-276.95	47.79	3490.55	-2725.46	3.830e+04
		1.832e+04	-2725.46	-5.28e-03		27.6	309.87	-361.89	47.79	3495.84	-1405.24	2.947e+04
						55.2	309.87	-444.94	47.79	3501.90	-85.02	1.832e+04
276	92	3.958e+04	-78.84	0.02	-0.04	0.0	349.08	-287.98	49.04	3573.01	-2788.43	3.958e+04
		1.910e+04	-2788.43	-5.39e-03		27.6	349.08	-371.05	49.04	3578.64	-1433.63	3.048e+04
						55.2	349.08	-452.17	49.04	3585.07	-78.84	1.910e+04
277	4	2.888e+04	559.45	0.02	-0.06	0.0	1399.36	-174.35	64.66	6369.04	-3013.17	2.888e+04
		1.411e+04	-3013.17	-7.98e-03		27.6	1399.36	-267.75	64.66	6380.20	-1226.86	2.277e+04
						55.2	1399.36	-359.24	64.66	6392.77	559.45	1.411e+04
277	5	1.801e+04	271.51	0.02	-0.04	0.0	774.58	-101.33	42.65	4358.22	-2084.93	1.801e+04
		7882.98	-2084.93	-5.50e-03		27.6	774.58	-183.57	42.65	4365.01	-906.71	1.407e+04
						55.2	774.58	-264.46	42.65	4372.77	271.51	7882.98
277	11	2.856e+04	509.18	0.02	-0.06	0.0	1387.91	-169.15	63.95	6394.98	-3023.89	2.856e+04
		1.402e+04	-3023.89	-8.02e-03		27.6	1387.91	-263.51	63.95	6405.68	-1257.36	2.258e+04
						55.2	1387.91	-355.96	63.95	6417.79	509.18	1.402e+04
277	18	1.859e+04	1928.88	0.03	-0.04	0.0	489.23	-147.72	39.63	5210.86	-188.38	1.859e+04
		6285.12	-188.38	-3.59e-03		27.6	489.23	-228.50	39.63	5213.13	870.25	1.370e+04
						55.2	489.23	-308.06	39.63	5216.54	1928.88	6285.12
277	31	1.973e+04	-1754.30	-0.09	-0.05	0.0	1292.24	-57.27	64.80	3041.29	-5343.01	1.973e+04
		1.088e+04	-5343.01	-9.37e-03		27.6	1292.24	-141.87	64.80	3060.51	-3548.66	1.595e+04
						55.2	1292.24	-225.23	64.80	3080.41	-1754.30	1.088e+04
277	34	1.847e+04	2392.45	0.09	-0.04	0.0	407.71	-163.48	24.22	5930.38	1062.59	1.847e+04
		6369.58	1062.59	-1.93e-03		27.6	407.71	-237.91	24.22	5925.78	1727.52	1.395e+04
						55.2	407.71	-310.85	24.22	5922.45	2392.45	6369.58
277	50	1.840e+04	2501.98	0.04	-0.04	0.0	360.80	-161.01	37.90	5468.97	506.48	1.840e+04
		5453.08	506.48	-2.86e-03		27.6	360.80	-242.25	37.90	5469.44	1504.23	1.325e+04

277	63	1.995e+04	-2492.42	-0.12	-0.05	55.2	360.80	-322.30	37.90	5471.11	2501.98	5453.08
		1.168e+04	-6483.20	-0.01		0.0	1449.68	-38.37	72.02	2527.03	-6483.20	1.995e+04
277	66	1.825e+04	3130.57	0.12	-0.04	27.6	1449.68	-124.78	72.02	2550.50	-4487.81	1.631e+04
		5567.60	2202.79	-6.03e-04		55.2	1449.68	-209.99	72.02	2574.52	-2492.42	1.168e+04
277	79	1.832e+04	283.98	0.02	-0.04	0.0	250.26	-182.39	17.00	6444.64	2202.79	1.825e+04
		8086.43	-2100.95	-5.54e-03		27.6	250.26	-255.01	17.00	6435.80	2666.68	1.359e+04
277	82	2.150e+04	402.52	0.02	-0.05	55.2	250.26	-326.09	17.00	6428.38	3130.57	5567.60
		1.035e+04	-2278.23	-6.03e-03		0.0	795.11	-103.94	43.17	4394.43	-2100.95	1.832e+04
277	85	2.128e+04	369.00	0.02	-0.05	27.6	795.11	-185.41	43.17	4401.36	-908.48	1.432e+04
		1.029e+04	-2285.38	-6.05e-03		55.2	795.11	-265.54	43.17	4409.27	283.98	8086.43
277	86	1.832e+04	283.98	0.02	-0.04	0.0	1025.24	-128.36	48.52	4807.81	-2278.23	2.150e+04
		8086.43	-2100.95	-5.54e-03		27.6	1025.24	-201.99	48.52	4816.08	-937.86	1.693e+04
277	87	1.962e+04	342.47	0.02	-0.04	55.2	1025.24	-274.18	48.52	4825.41	402.52	1.035e+04
		8979.66	-2166.38	-5.72e-03		0.0	1017.61	-124.88	48.04	4825.10	-2285.38	2.128e+04
277	91	1.832e+04	283.98	0.02	-0.04	27.6	1017.61	-199.16	48.04	4833.07	-958.19	1.680e+04
		8086.43	-2100.95	-5.54e-03		55.2	1017.61	-271.99	48.04	4842.10	369.00	1.029e+04
277	92	1.910e+04	319.07	0.02	-0.04	0.0	795.11	-103.94	43.17	4394.43	-2100.95	1.832e+04
		8622.37	-2140.21	-5.65e-03		27.6	795.11	-185.41	43.17	4401.36	-908.48	1.432e+04
278	3	1.548e+04	800.16	0.02	-0.06	55.2	795.11	-265.54	43.17	4409.27	283.98	8086.43
		1.340e+04	-3241.01	-8.07e-03		0.0	886.55	-114.67	45.41	4546.77	-2166.38	1.962e+04
278	4	1.619e+04	777.70	0.02	-0.07	27.6	886.55	-192.88	45.41	4554.34	-911.96	1.537e+04
		1.411e+04	-3337.80	-8.28e-03		55.2	886.55	-269.70	45.41	4562.91	342.47	8979.66
278	5	9777.84	299.31	0.01	-0.04	0.0	795.11	-103.94	43.17	4394.43	-2100.95	1.832e+04
		7882.83	-2398.21	-5.73e-03		27.6	795.11	-185.41	43.17	4401.36	-908.48	1.432e+04
278	11	1.620e+04	649.28	0.02	-0.06	55.2	795.11	-265.54	43.17	4409.27	283.98	8086.43
		1.402e+04	-3404.15	-8.32e-03		0.0	849.97	-110.38	44.51	4485.84	-2140.21	1.910e+04
278	31	1.445e+04	-1619.95	-0.09	-0.05	27.6	849.97	-189.89	44.51	4493.15	-910.57	1.495e+04
		1.087e+04	-5939.87	-0.01		55.2	849.97	-268.04	44.51	4501.45	319.07	8622.37
278	34	6949.02	2410.17	0.09	-0.04	0.0	1601.15	117.85	73.14	7447.35	-3241.01	1.340e+04
		5461.17	1083.84	-1.54e-03		27.6	1601.15	26.00	73.14	7461.28	-1220.43	1.538e+04
278	63	1.599e+04	-2337.31	-0.12	-0.05	55.2	1601.15	-64.42	73.14	7476.85	800.16	1.484e+04
		1.168e+04	-7190.09	-0.01		0.0	1672.00	116.54	74.49	7657.95	-3337.80	1.411e+04
278	66	5860.84	3127.53	0.12	-0.04	27.6	1672.00	26.72	74.49	7672.06	-1280.05	1.608e+04
		3871.05	2334.06	-7.37e-05		55.2	1672.00	-61.66	74.49	7687.87	777.70	1.560e+04
278	79	9953.93	324.47	0.01	-0.04	0.0	979.20	104.72	48.82	5266.20	-2398.21	7882.83
		8086.28	-2407.72	-5.77e-03		27.6	979.20	25.01	48.82	5275.01	-1049.45	9672.22
278	81	1.153e+04	559.93	0.01	-0.05	55.2	979.20	-53.64	48.82	5284.99	299.31	9724.58
		9872.70	-2475.37	-6.12e-03		0.0	1658.86	119.86	73.37	7716.18	-3404.15	1.402e+04
278	82	1.200e+04	544.95	0.01	-0.05	27.6	1658.86	29.07	73.37	7729.86	-1377.44	1.607e+04
		1.035e+04	-2539.89	-6.26e-03		55.2	1658.86	-60.28	73.37	7745.23	649.28	1.564e+04
278	85	1.201e+04	459.34	0.01	-0.05	0.0	1499.96	145.94	77.52	3561.96	-5939.87	1.087e+04
		1.029e+04	-2584.13	-6.29e-03		27.6	1499.96	63.59	77.52	3582.60	-3779.91	1.376e+04
278	86	9953.93	324.47	0.01	-0.04	55.2	1499.96	-17.87	77.52	3604.02	-1619.95	1.439e+04
		8086.28	-2407.72	-5.77e-03		0.0	612.36	54.83	24.68	7254.83	1083.84	6369.41
278	87	1.074e+04	442.20	0.01	-0.05	27.6	612.36	-16.68	24.68	7252.98	1747.01	6895.25
		8979.49	-2441.54	-5.95e-03		55.2	612.36	-86.95	24.68	7252.73	2410.17	5461.17
278	90	1.062e+04	389.12	0.01	-0.05	0.0	1657.96	162.16	86.93	2904.63	-7190.09	1.168e+04
		8812.48	-2453.82	-5.93e-03		27.6	1657.96	77.87	86.93	2929.27	-4763.70	1.499e+04
278	91	9953.93	324.47	0.01	-0.04	55.2	1657.96	-5.57	86.93	2954.55	-2337.31	1.598e+04
		8086.28	-2407.72	-5.77e-03		0.0	454.36	38.61	15.27	7912.15	2334.06	5567.43
278	92	1.043e+04	395.11	0.01	-0.05	27.6	454.36	-30.97	15.27	7906.31	2730.80	5672.44
						55.2	454.36	-99.25	15.27	7902.20	3127.53	3871.05
278	99	1.062e+04	389.12	0.01	-0.05	0.0	1000.17	103.47	49.45	5306.82	-2407.72	8086.28
						27.6	1000.17	24.54	49.45	5315.80	-1041.62	9851.74
278	100	1.062e+04	389.12	0.01	-0.05	55.2	1000.17	-53.33	49.45	5325.94	324.47	9451.68
						0.0	1093.49	98.33	52.19	5476.11	-2441.54	8979.49
278	101	1.062e+04	389.12	0.01	-0.05	27.6	1093.49	22.73	52.19	5485.78	-999.67	1.065e+04
						55.2	1093.49	-51.80	52.19	5496.67	442.20	1.025e+04
278	102	1.062e+04	389.12	0.01	-0.05	0.0	1075.05	100.04	51.46	5464.55	-2453.82	8812.48
						27.6	1075.05	23.64	51.46	5474.00	-1032.35	1.052e+04
278	103	1.062e+04	389.12	0.01	-0.05	55.2	1075.05	-51.67	51.46	5484.65	389.12	1.013e+04
						0.0	1000.17	103.47	49.45	5306.82	-2407.72	8086.28
278	104	1.062e+04	389.12	0.01	-0.05	27.6	1000.17	24.54	49.45	5315.80	-1041.62	9851.74
						55.2	1000.17	-53.33	49.45	5325.94	324.47	9451.68
278	105	1.062e+04	389.12	0.01	-0.05	0.0	1056.16	100.39	51.10	5408.39	-2428.01	8622.21

		8622.21	-2428.01	-5.87e-03		27.6	1056.16	23.45	51.10	5417.79	-1016.45	1.033e+04
						55.2	1056.16	-52.41	51.10	5428.38	395.11	9927.78
279	4	1.560e+04	6787.71	0.01	-0.07	0.0	1561.88	-23.58	102.74	7687.87	777.70	1.560e+04
		8834.43	777.70	-8.48e-03		29.2	1561.88	-115.81	102.74	7706.45	3782.70	1.356e+04
						58.5	1561.88	-206.89	102.74	7726.95	6787.71	8834.43
279	5	9595.41	4287.68	0.01	-0.04	0.0	966.54	42.60	68.18	5284.99	299.31	9274.41
		6962.67	299.31	-5.93e-03		29.2	966.54	-39.67	68.18	5296.83	2293.50	9314.89
						58.5	966.54	-121.03	68.18	5309.97	4287.68	6962.67
279	8	1.241e+04	5337.04	0.01	-0.05	0.0	1234.57	-27.02	80.46	6008.19	630.03	1.241e+04
		6773.71	630.03	-6.62e-03		29.2	1234.57	-96.47	80.46	6022.80	2983.53	1.060e+04
						58.5	1234.57	-165.03	80.46	6038.90	5337.04	6773.71
279	11	1.564e+04	6594.26	0.01	-0.07	0.0	1548.40	-22.63	101.62	7745.23	649.28	1.564e+04
		8869.25	649.28	-8.56e-03		29.2	1548.40	-115.89	101.62	7763.37	3621.77	1.361e+04
						58.5	1548.40	-207.99	101.62	7783.44	6594.26	8869.25
279	12	1.081e+04	4474.40	0.01	-0.05	0.0	1069.50	11.93	72.14	5707.03	254.38	1.078e+04
		6929.03	254.38	-6.37e-03		29.2	1069.50	-66.00	72.14	5719.46	2364.39	9988.23
						58.5	1069.50	-143.04	72.14	5733.31	4474.40	6929.03
279	21	8514.14	6001.60	-0.04	-0.05	0.0	900.42	-20.65	83.70	5517.64	1410.12	7524.09
		6837.51	1410.12	-5.36e-03		29.2	900.42	-94.12	83.70	5531.62	3705.86	8500.10
						58.5	900.42	-166.51	83.70	5546.97	6001.60	6837.51
279	31	1.439e+04	4729.80	-0.10	-0.05	0.0	1370.35	102.86	104.95	3604.02	-1619.95	1.439e+04
		7215.68	-1619.95	-0.01		29.2	1370.35	29.75	104.95	3627.57	1554.92	1.175e+04
						58.5	1370.35	-42.08	104.95	3652.02	4729.80	7215.68
279	34	7574.75	4370.89	0.10	-0.04	0.0	681.83	-47.51	37.11	7252.73	2410.17	5460.96
		5460.96	2410.17	-1.00e-03		29.2	681.83	-133.01	37.11	7254.21	3390.53	7397.13
						58.5	681.83	-218.01	37.11	7257.49	4370.89	6616.38
279	53	8119.49	6518.24	-0.04	-0.04	0.0	855.69	-37.86	88.21	5549.41	1771.47	6668.46
		6668.46	1771.47	-5.11e-03		29.2	855.69	-109.24	88.21	5563.92	4144.86	8117.44
						58.5	855.69	-179.50	88.21	5579.80	6518.24	6809.58
279	63	1.598e+04	4793.68	-0.13	-0.05	0.0	1492.90	129.63	117.02	2954.55	-2337.31	1.598e+04
		7322.34	-2337.31	-0.01		29.2	1492.90	58.73	117.02	2982.03	1228.18	1.253e+04
						58.5	1492.90	-10.76	117.02	3010.24	4793.68	7322.34
279	66	7334.41	4307.01	0.13	-0.04	0.0	559.27	-74.27	25.04	7902.20	3127.53	3870.86
		3870.86	3127.53	8.00e-04		29.2	559.27	-161.98	25.04	7899.76	3717.27	6621.82
						58.5	559.27	-249.33	25.04	7899.26	4307.01	6509.72
279	79	9716.14	4359.15	0.01	-0.05	0.0	982.78	38.53	68.97	5325.94	324.47	9451.52
		6950.46	324.47	-5.97e-03		29.2	982.78	-42.90	68.97	5337.96	2341.81	9385.28
						58.5	982.78	-123.45	68.97	5351.30	4359.15	6950.46
279	82	1.154e+04	5058.71	0.01	-0.05	0.0	1161.47	-7.87	77.16	5808.07	544.95	1.154e+04
		6824.49	544.95	-6.43e-03		29.2	1161.47	-80.77	77.16	5821.94	2801.83	1.024e+04
						58.5	1161.47	-152.78	77.16	5837.25	5058.71	6824.49
279	83	1.052e+04	4483.62	0.01	-0.05	0.0	1051.42	18.09	71.61	5607.30	294.52	1.046e+04
		6928.03	294.52	-6.26e-03		29.2	1051.42	-60.46	71.61	5619.72	2389.07	9834.17
						58.5	1051.42	-138.12	71.61	5633.53	4483.62	6928.03
279	85	1.157e+04	4929.75	0.01	-0.05	0.0	1152.48	-7.24	76.42	5846.31	459.34	1.157e+04
		6847.70	459.34	-6.48e-03		29.2	1152.48	-80.82	76.42	5859.89	2694.55	1.028e+04
						58.5	1152.48	-153.51	76.42	5874.91	4929.75	6847.70
279	86	9716.14	4359.15	0.01	-0.05	0.0	982.78	38.53	68.97	5325.94	324.47	9451.52
		6950.46	324.47	-5.97e-03		29.2	982.78	-42.90	68.97	5337.96	2341.81	9385.28
						58.5	982.78	-123.45	68.97	5351.30	4359.15	6950.46
279	87	1.032e+04	4677.81	0.01	-0.05	0.0	1054.96	20.44	72.40	5496.67	442.20	1.025e+04
		6893.08	442.20	-6.12e-03		29.2	1054.96	-57.45	72.40	5509.51	2560.01	9701.44
						58.5	1054.96	-134.44	72.40	5523.72	4677.81	6893.08
279	88	9863.21	4384.04	0.01	-0.05	0.0	996.51	34.45	69.50	5382.21	318.48	9652.44
		6945.97	318.48	-6.03e-03		29.2	996.51	-46.41	69.50	5394.31	2351.26	9475.06
						58.5	996.51	-126.38	69.50	5407.75	4384.04	6945.97
279	91	9716.14	4359.15	0.01	-0.05	0.0	982.78	38.53	68.97	5325.94	324.47	9451.52
		6950.46	324.47	-5.97e-03		29.2	982.78	-42.90	68.97	5337.96	2341.81	9385.28
						58.5	982.78	-123.45	68.97	5351.30	4359.15	6950.46
279	92	1.007e+04	4550.35	0.01	-0.05	0.0	1026.09	27.68	71.03	5428.37	395.11	9927.61
		6916.03	395.11	-6.06e-03		29.2	1026.09	-51.63	71.03	5440.89	2472.73	9574.98
						58.5	1026.09	-130.04	71.03	5454.75	4550.35	6916.03
280	1	9022.95	8129.78	-0.01	-0.06	0.0	861.39	-121.53	94.48	7925.73	2602.97	9022.95
		-4097.33	2602.97	-6.73e-03		29.2	861.39	-224.42	94.48	7945.12	5366.37	3961.12
						58.5	861.39	-326.44	94.48	7966.47	8129.78	-4097.33
280	4	8834.01	9612.84	-0.01	-0.07	0.0	988.35	-172.53	107.62	8759.53	3316.99	8834.01
		-6521.84	3316.99	-7.19e-03		29.2	988.35	-262.64	107.62	8782.06	6464.91	2467.45
						58.5	988.35	-351.87	107.62	8806.76	9612.84	-6521.84
280	5	6962.34	6072.78	-7.84e-03	-0.05	0.0	648.00	-88.48	71.16	6013.84	1909.93	6962.34
		-2922.46	1909.93	-5.14e-03		29.2	648.00	-169.08	71.16	6028.39	3991.35	3193.73
						58.5	648.00	-249.01	71.16	6044.43	6072.78	-2922.46
280	11	8868.85	9319.36	-0.01	-0.07	0.0	973.66	-173.83	106.27	8830.78	3102.81	8868.85
		-6623.68	3102.81	-7.32e-03		29.2	973.66	-264.98	106.27	8852.89	6211.09	2449.06
						58.5	973.66	-355.24	106.27	8877.20	9319.36	-6623.68
280	15	7136.16	5661.31	-0.03	-0.05	0.0	690.18	-30.92	82.71	5149.14	132.01	7136.16
		697.45	132.01	-8.65e-03		29.2	690.18	-110.17	82.71	5168.38	2896.66	5070.17
						58.5	690.18	-188.69	82.71	5188.89	5661.31	697.45

280	31	7215.33	7937.86	-0.10	-0.05	0.0	750.75	-32.28	121.35	4535.80	575.10	7215.33
		1197.98	575.10	-0.01		29.2	750.75	-103.01	121.35	4561.26	4256.48	5232.32
						58.5	750.75	-172.67	121.35	4587.84	7937.86	1197.98
280	34	6616.06	4958.81	0.10	-0.04	0.0	605.35	-165.63	27.14	7820.20	3634.76	6616.06
		-8016.82	3634.76	-1.38e-04		29.2	605.35	-250.21	27.14	7825.34	4296.79	535.35
						58.5	605.35	-334.51	27.14	7832.42	4958.81	-8016.82
280	36	6688.04	4189.17	0.11	-0.04	0.0	597.41	-140.50	23.59	7542.44	2784.72	6688.04
		-6615.89	2784.72	-3.84e-03		29.2	597.41	-227.48	23.59	7547.83	3486.95	1306.89
						58.5	597.41	-314.15	23.59	7555.08	4189.17	-6615.89
280	37	7143.36	8707.50	-0.11	-0.05	0.0	758.68	-57.41	124.91	4813.56	1425.14	7143.36
		-202.95	1425.14	-6.58e-03		29.2	758.68	-125.74	124.91	4838.77	5066.32	4460.78
						58.5	758.68	-193.03	124.91	4865.18	8707.50	-202.95
280	41	7089.30	8818.15	-0.09	-0.05	0.0	741.29	-77.98	119.47	5073.82	1898.61	7089.30
		-1524.39	1898.61	-7.96e-03		29.2	741.29	-147.32	119.47	5097.22	5358.38	3786.07
						58.5	741.29	-215.61	119.47	5121.88	8818.15	-1524.39
280	47	7214.64	5381.13	-0.04	-0.05	0.0	694.50	-6.70	85.72	4782.87	-570.35	7214.64
		2159.50	-570.35	-9.87e-03		29.2	694.50	-86.52	85.72	4803.50	2405.39	5848.50
						58.5	694.50	-165.59	85.72	4825.32	5381.13	2159.50
280	63	7321.95	8468.12	-0.14	-0.06	0.0	776.63	-8.54	138.12	3951.18	30.48	7321.95
		2838.27	30.48	-0.01		29.2	776.63	-76.80	138.12	3980.25	4249.30	6068.38
						58.5	776.63	-143.86	138.12	4010.31	8468.12	2838.27
280	66	6509.45	4428.55	0.14	-0.04	0.0	579.46	-189.37	10.37	8404.82	4179.38	6509.45
		-9657.11	4179.38	1.85e-03		29.2	579.46	-276.42	10.37	8406.35	4303.96	-300.71
						58.5	579.46	-363.31	10.37	8409.96	4428.55	-9657.11
280	68	6607.05	3384.91	0.14	-0.04	0.0	568.71	-155.29	5.55	8028.18	3026.72	6607.05
		-7757.44	3026.72	-3.35e-03		29.2	568.71	-245.59	5.55	8030.04	3205.82	745.50
						58.5	568.71	-335.71	5.55	8033.88	3384.91	-7757.44
280	69	7224.34	9511.76	-0.14	-0.05	0.0	787.39	-42.62	142.94	4327.82	1183.13	7224.34
		938.60	1183.13	-7.06e-03		29.2	787.39	-107.63	142.94	4356.56	5347.45	5022.17
						58.5	787.39	-171.47	142.94	4386.38	9511.76	938.60
280	73	7150.99	9661.80	-0.12	-0.05	0.0	763.81	-70.50	135.58	4680.74	1825.16	7150.99
		-853.22	1825.16	-8.93e-03		29.2	763.81	-136.89	135.58	4707.02	5743.48	4107.26
						58.5	763.81	-202.09	135.58	4734.46	9661.80	-853.22
280	79	6950.12	6175.02	-7.83e-03	-0.05	0.0	656.26	-91.31	72.02	6060.68	1962.13	6950.12
		-3052.08	1962.13	-5.16e-03		29.2	656.26	-171.09	72.02	6075.44	4068.58	3110.80
						58.5	656.26	-250.19	72.02	6091.69	6175.02	-3052.08
280	82	6824.17	7163.73	-7.81e-03	-0.05	0.0	740.90	-125.31	80.78	6616.55	2438.14	6824.17
		-4668.43	2438.14	-5.47e-03		29.2	740.90	-196.57	80.78	6633.40	4800.94	2115.02
						58.5	740.90	-267.15	80.78	6651.89	7163.73	-4668.43
280	85	6847.39	6968.08	-7.79e-03	-0.05	0.0	731.10	-126.18	79.88	6664.05	2295.36	6847.39
		-4736.32	2295.36	-5.55e-03		29.2	731.10	-198.12	79.88	6680.62	4631.72	2102.76
						58.5	731.10	-269.39	79.88	6698.85	6968.08	-4736.32
280	86	6950.12	6175.02	-7.83e-03	-0.05	0.0	656.26	-91.31	72.02	6060.68	1962.13	6950.12
		-3052.08	1962.13	-5.16e-03		29.2	656.26	-171.09	72.02	6075.44	4068.58	3110.80
						58.5	656.26	-250.19	72.02	6091.69	6175.02	-3052.08
280	87	6892.74	6630.54	-7.83e-03	-0.05	0.0	692.58	-104.05	75.73	6256.21	2200.13	6892.74
		-3647.64	2200.13	-5.24e-03		29.2	692.58	-180.29	75.73	6271.88	4415.34	2732.52
						58.5	692.58	-255.85	75.73	6289.09	6630.54	-3647.64
280	91	6950.12	6175.02	-7.83e-03	-0.05	0.0	656.26	-91.31	72.02	6060.68	1962.13	6950.12
		-3052.08	1962.13	-5.16e-03		29.2	656.26	-171.09	72.02	6075.44	4068.58	3110.80
						58.5	656.26	-250.19	72.02	6091.69	6175.02	-3052.08
280	92	6915.70	6448.34	-7.83e-03	-0.05	0.0	678.05	-98.95	74.25	6178.00	2104.93	6915.70
		-3409.42	2104.93	-5.21e-03		29.2	678.05	-176.61	74.25	6193.30	4276.63	2883.83
						58.5	678.05	-253.59	74.25	6210.13	6448.34	-3409.42
281	4	-5529.48	1.078e+04	-8.20e-03	-0.07	0.0	446.91	77.59	130.09	1.201e+04	5125.22	-6521.99
		-6521.99	5125.22	-4.15e-03		21.8	446.91	11.82	130.09	1.203e+04	7954.67	-5550.50
						43.5	446.91	-53.41	130.09	1.205e+04	1.078e+04	-6003.74
281	5	-2596.36	6655.53	-5.95e-03	-0.05	0.0	294.62	42.15	84.04	8186.80	2999.91	-2922.51
		-3652.33	2999.91	-3.08e-03		21.8	294.62	-16.84	84.04	8199.84	4827.72	-2647.95
						43.5	294.62	-75.45	84.04	8214.01	6655.53	-3652.33
281	11	-5642.04	1.037e+04	-8.20e-03	-0.07	0.0	432.30	77.59	127.92	1.209e+04	4808.11	-6623.80
		-6623.80	4808.11	-4.30e-03		21.8	432.30	11.05	127.92	1.211e+04	7590.30	-5660.82
						43.5	432.30	-54.96	127.92	1.213e+04	1.037e+04	-6139.33
281	12	-3683.43	6869.62	-6.14e-03	-0.05	0.0	297.29	51.49	89.06	8876.82	2995.70	-4198.18
		-4382.18	2995.70	-3.37e-03		21.8	297.29	-4.30	89.06	8890.65	4932.66	-3685.66
						43.5	297.29	-59.68	89.06	8905.70	6869.62	-4382.18
281	15	744.63	6253.05	-0.03	-0.05	0.0	251.03	76.83	97.40	6972.05	1604.94	697.41
		-1127.66	1604.94	-5.84e-03		21.8	251.03	21.17	97.40	6988.24	3928.99	413.29
						43.5	251.03	-34.04	97.40	7005.38	6253.05	-1127.66
281	18	-6363.82	8006.97	0.03	-0.04	0.0	367.66	15.92	79.29	9882.19	4969.17	-7516.39
		-7516.39	4969.17	-3.33e-04		21.8	367.66	-42.02	79.29	9893.32	6488.07	-6451.74
						43.5	367.66	-99.63	79.29	9905.81	8006.97	-6592.64
281	20	-1022.89	4671.59	0.04	-0.05	0.0	251.36	56.73	70.12	7905.74	1163.14	-1250.33
		-2363.19	1163.14	-4.17e-03		21.8	251.36	4.77	70.12	7918.15	2917.36	-1137.80
						43.5	251.36	-46.66	70.12	7931.64	4671.59	-2363.19
281	31	1197.94	9307.73	-0.11	-0.05	0.0	284.46	89.78	135.84	6429.80	3345.82	1197.94
		-893.29	3345.82	-6.86e-03		21.8	284.46	27.32	135.84	6450.41	6326.78	705.99

281	33	-553.40	1.032e+04	-0.11	-0.05	43.5	284.46	-34.85	135.84	6471.91	9307.73	-893.29
		-2108.08	4466.53	-5.79e-03		0.0	317.98	78.28	139.26	6994.11	4466.53	-598.55
						21.8	317.98	13.95	139.26	7014.43	7391.62	-820.36
281	34	-6616.71	4952.28	0.11	-0.04	43.5	317.98	-50.15	139.26	7035.71	1.032e+04	-2108.08
		-8016.91	3228.29	6.99e-04		0.0	334.23	2.97	40.85	1.042e+04	3228.29	-8016.91
						21.8	334.23	-48.17	40.85	1.043e+04	4090.29	-6744.43
281	47	2163.37	5940.85	-0.04	-0.05	43.5	334.23	-98.82	40.85	1.044e+04	4952.28	-6827.01
		-154.84	1006.11	-6.83e-03		0.0	230.27	87.67	100.63	6454.05	1006.11	2159.41
						21.8	230.27	32.41	100.63	6471.13	3473.48	1635.27
281	50	-7466.48	8319.17	0.04	-0.04	43.5	230.27	-22.37	100.63	6489.10	5940.85	-154.84
		-8978.38	5568.00	6.63e-04		0.0	388.42	5.08	76.06	1.040e+04	5568.00	-8978.38
						21.8	388.42	-53.26	76.06	1.041e+04	6943.58	-7673.72
281	52	-302.57	3796.39	0.05	-0.05	43.5	388.42	-111.30	76.06	1.042e+04	8319.17	-7565.46
		-1830.19	407.02	-4.56e-03		0.0	230.72	60.41	63.63	7720.13	407.02	-481.75
						21.8	230.72	10.18	63.63	7732.09	2101.71	-468.01
281	63	2838.13	1.008e+04	-0.14	-0.06	43.5	230.72	-39.48	63.63	7745.11	3796.39	-1830.19
		162.96	3366.74	-8.21e-03		0.0	275.60	105.23	152.75	5718.75	3366.74	2838.13
						21.8	275.60	40.75	152.75	5741.84	6724.87	2032.16
281	65	402.70	1.145e+04	-0.15	-0.05	43.5	275.60	-23.47	152.75	5765.72	1.008e+04	162.96
		-1484.32	4886.43	-6.75e-03		0.0	321.06	89.64	157.39	6483.96	4886.43	402.70
						21.8	321.06	22.63	157.39	6506.66	8168.80	-37.57
281	66	-7789.87	4177.02	0.14	-0.04	43.5	321.06	-44.21	157.39	6530.24	1.145e+04	-1484.32
		-9657.10	3207.37	2.04e-03		0.0	343.09	-12.48	23.94	1.114e+04	3207.37	-9657.10
						21.8	343.09	-61.60	23.94	1.114e+04	3692.19	-8070.61
281	79	-2704.20	6784.23	-5.96e-03	-0.05	43.5	343.09	-110.20	23.94	1.115e+04	4177.02	-7883.26
		-3707.26	3077.05	-3.08e-03		0.0	298.72	43.26	85.22	8254.96	3077.05	-3052.14
						21.8	298.72	-15.13	85.22	8268.17	4930.64	-2746.86
281	82	-3996.61	8008.19	-6.25e-03	-0.05	43.5	298.72	-73.12	85.22	8282.51	6784.23	-3707.26
		-4668.53	3775.66	-3.17e-03		0.0	335.03	56.76	97.30	9058.82	3775.66	-4668.53
						21.8	335.03	4.72	97.30	9073.80	5891.92	-4000.64
281	83	-3429.82	6926.95	-6.09e-03	-0.05	43.5	335.03	-46.91	97.30	9090.02	8008.19	-4460.17
		-4193.82	3074.25	-3.28e-03		0.0	300.50	49.48	88.57	8714.97	3074.25	-3902.58
						21.8	300.50	-6.76	88.57	8728.71	5000.60	-3438.67
281	85	-4071.65	7733.77	-6.25e-03	-0.05	43.5	300.50	-62.61	88.57	8743.64	6926.95	-4193.82
		-4736.40	3564.25	-3.27e-03		0.0	325.30	56.76	95.85	9116.67	3564.25	-4736.40
						21.8	325.30	4.20	95.85	9131.46	5649.01	-4074.18
281	86	-2704.20	6784.23	-5.96e-03	-0.05	43.5	325.30	-47.94	95.85	9147.50	7733.77	-4550.57
		-3707.26	3077.05	-3.08e-03		0.0	298.72	43.26	85.22	8254.96	3077.05	-3052.14
						21.8	298.72	-15.13	85.22	8268.17	4930.64	-2746.86
281	87	-3190.41	7360.53	-6.08e-03	-0.05	43.5	298.72	-73.12	85.22	8282.51	6784.23	-3707.26
		-3962.08	3427.06	-3.08e-03		0.0	316.43	48.45	90.42	8541.89	3427.06	-3647.72
						21.8	316.43	-7.29	90.42	8555.85	5393.79	-3200.80
281	88	-2851.36	6812.77	-5.99e-03	-0.05	43.5	316.43	-62.64	90.42	8570.99	7360.53	-3962.08
		-3804.57	3076.49	-3.12e-03		0.0	299.07	44.50	85.89	8346.96	3076.49	-3222.23
						21.8	299.07	-13.45	85.89	8360.28	4944.63	-2885.23
281	91	-2704.20	6784.23	-5.96e-03	-0.05	43.5	299.07	-71.02	85.89	8374.74	6812.77	-3804.57
		-3707.26	3077.05	-3.08e-03		0.0	298.72	43.26	85.22	8254.96	3077.05	-3052.14
						21.8	298.72	-15.13	85.22	8268.17	4930.64	-2746.86
281	92	-3000.50	7130.01	-6.03e-03	-0.05	43.5	298.72	-73.12	85.22	8282.51	6784.23	-3707.26
		-3860.15	3287.06	-3.08e-03		0.0	309.35	46.38	88.34	8427.12	3287.06	-3409.49
						21.8	309.35	-10.43	88.34	8440.78	5208.53	-3019.22
282	4	-5813.17	1.851e+04	-9.38e-03	-0.07	43.5	309.35	-66.83	88.34	8455.60	7130.01	-3860.15
		-7345.43	5340.60	-2.84e-03		0.0	217.90	33.71	302.82	1.735e+04	5340.60	-6003.41
						21.8	217.90	-30.95	302.82	1.737e+04	1.193e+04	-5974.53
282	5	-3548.64	1.156e+04	-6.63e-03	-0.05	43.5	217.90	-95.00	302.82	1.740e+04	1.851e+04	-7345.43
		-5152.78	2896.33	-2.29e-03		0.0	133.01	23.63	199.13	1.171e+04	2896.33	-3652.11
						21.8	133.01	-34.57	199.13	1.173e+04	7227.34	-3771.86
282	11	-5935.74	1.794e+04	-9.40e-03	-0.07	43.5	133.01	-92.34	199.13	1.174e+04	1.156e+04	-5152.78
		-7454.02	4879.83	-3.05e-03		0.0	207.68	35.10	300.20	1.744e+04	4879.83	-6139.02
						21.8	207.68	-30.33	300.20	1.747e+04	1.141e+04	-6088.25
282	12	-4236.12	1.206e+04	6.98e-03	-0.05	43.5	207.68	-95.15	300.20	1.749e+04	1.794e+04	-7454.02
		-5586.66	2807.01	-2.57e-03		0.0	135.03	27.19	212.81	1.273e+04	2807.01	-4381.97
						21.8	135.03	-27.77	212.81	1.274e+04	7435.65	-4389.09
282	15	-1127.40	1.211e+04	-0.04	-0.05	43.5	135.03	-82.27	212.81	1.276e+04	1.206e+04	-5586.66
		-3640.06	1323.49	-5.16e-03		0.0	92.46	48.34	249.98	9890.99	1323.49	-1127.40
						21.8	92.46	-6.45	249.98	9909.26	6717.29	-1763.15
282	18	-6130.26	1.252e+04	0.03	-0.04	43.5	92.46	-60.67	249.98	9928.90	1.211e+04	-3640.06
		-6869.72	5226.58	7.00e-04		0.0	194.23	-0.64	165.73	1.429e+04	5226.58	-6592.43
						21.8	194.23	-57.84	165.73	1.430e+04	8874.42	-6138.57
282	20	-2307.17	9547.68	0.04	-0.05	43.5	194.23	-114.71	165.73	1.432e+04	1.252e+04	-6869.72
		-4239.47	441.80	-3.66e-03		0.0	97.53	29.84	210.32	1.102e+04	441.80	-2362.89
						21.8	97.53	-21.09	210.32	1.103e+04	4994.74	-2638.43
282	31	-893.10	1.637e+04	-0.11	-0.06	43.5	97.53	-71.42	210.32	1.105e+04	9547.68	-4239.47
		-3738.31	3949.13	-5.79e-03		0.0	119.32	63.13	287.40	9477.87	3949.13	-893.10
						21.8	119.32	1.23	287.40	9500.42	1.016e+04	-1773.49
282	37	-1844.76	1.745e+04	-0.12	-0.05	43.5	119.32	-60.28	287.40	9524.27	1.637e+04	-3738.31
						0.0	145.76	57.05	285.37	1.020e+04	5269.94	-1844.76

		-4364.73	5269.94	-4.93e-03		21.8	145.76	-6.39	285.37	1.022e+04	1.136e+04	-2584.16
						43.5	145.76	-69.83	285.37	1.025e+04	1.745e+04	-4364.73
282	47	-154.56	1.204e+04	-0.05	-0.06	0.0	74.35	57.06	264.98	9107.96	628.74	-154.56
		-3065.24	628.74	-6.21e-03		21.8	74.35	2.70	264.98	9126.97	6333.32	-984.33
						43.5	74.35	-51.05	264.98	9147.23	1.204e+04	-3065.24
282	50	-6917.39	1.260e+04	0.04	-0.04	0.0	212.35	-9.36	150.73	1.507e+04	5921.33	-7565.27
		-7565.27	5921.33	1.74e-03		21.8	212.35	-66.99	150.73	1.509e+04	9258.40	-6917.39
						43.5	212.35	-124.33	150.73	1.510e+04	1.260e+04	-7444.53
282	52	-1786.95	8561.92	0.05	-0.05	0.0	81.22	31.97	211.20	1.064e+04	-566.83	-1829.93
		-3878.00	-566.83	-4.17e-03		21.8	81.22	-17.15	211.20	1.065e+04	3997.55	-2171.21
						43.5	81.22	-65.63	211.20	1.067e+04	8561.92	-3878.00
282	63	163.29	1.781e+04	-0.15	-0.06	0.0	110.76	77.12	315.72	8547.78	4189.10	163.29
		-3198.61	4189.10	-7.06e-03		21.8	110.76	13.11	315.72	8572.58	1.100e+04	-998.35
						43.5	110.76	-50.51	315.72	8598.55	1.781e+04	-3198.61
282	66	-6875.52	6818.71	0.15	-0.04	0.0	175.93	-29.42	99.99	1.563e+04	2360.96	-7883.13
		-7883.13	2360.96	2.60e-03		21.8	175.93	-77.40	99.99	1.564e+04	4589.84	-6903.37
						43.5	175.93	-124.87	99.99	1.565e+04	6818.71	-7311.17
282	69	-1127.14	1.928e+04	-0.16	-0.06	0.0	146.61	68.88	312.96	9529.80	5980.12	-1127.14
		-4048.06	5980.12	-5.89e-03		21.8	146.61	2.78	312.96	9554.70	1.263e+04	-2097.62
						43.5	146.61	-63.47	312.96	9580.90	1.928e+04	-4048.06
282	79	-3602.93	1.176e+04	-6.66e-03	-0.05	0.0	135.86	23.59	201.54	1.182e+04	2997.62	-3707.04
		-5182.65	2997.62	-2.28e-03		21.8	135.86	-33.99	201.54	1.183e+04	7381.14	-3820.93
						43.5	135.86	-91.15	201.54	1.185e+04	1.176e+04	-5182.65
282	82	-4320.66	1.377e+04	-7.12e-03	-0.05	0.0	161.49	25.64	227.15	1.307e+04	3892.55	-4459.93
		-5568.06	3892.55	-2.21e-03		21.8	161.49	-25.55	227.15	1.309e+04	8832.97	-4459.96
						43.5	161.49	-76.28	227.15	1.311e+04	1.377e+04	-5568.06
282	83	-4062.33	1.210e+04	-6.89e-03	-0.05	0.0	137.20	25.96	210.66	1.249e+04	2938.08	-4193.61
		-5471.90	2938.08	-2.46e-03		21.8	137.20	-29.46	210.66	1.251e+04	7520.01	-4232.42
						43.5	137.20	-84.44	210.66	1.253e+04	1.210e+04	-5471.90
282	85	-4402.38	1.339e+04	-7.14e-03	-0.05	0.0	154.67	26.57	225.39	1.313e+04	3585.37	-4550.33
		-5640.45	3585.37	-2.35e-03		21.8	154.67	-25.14	225.39	1.315e+04	8487.69	-4535.58
						43.5	154.67	-76.38	225.39	1.317e+04	1.339e+04	-5640.45
282	86	-3602.93	1.176e+04	-6.66e-03	-0.05	0.0	135.86	23.59	201.54	1.182e+04	2997.62	-3707.04
		-5182.65	2997.62	-2.28e-03		21.8	135.86	-33.99	201.54	1.183e+04	7381.14	-3820.93
						43.5	135.86	-91.15	201.54	1.185e+04	1.176e+04	-5182.65
282	87	-3850.15	1.268e+04	-6.83e-03	-0.05	0.0	148.34	24.02	212.06	1.227e+04	3459.97	-3961.84
		-5303.05	3459.97	-2.20e-03		21.8	148.34	-30.91	212.06	1.229e+04	8072.34	-4037.48
						43.5	148.34	-85.39	212.06	1.231e+04	1.268e+04	-5303.05
282	88	-3695.71	1.183e+04	-6.70e-03	-0.05	0.0	136.13	24.07	203.37	1.195e+04	2985.72	-3804.35
		-5240.50	2985.72	-2.32e-03		21.8	136.13	-33.09	203.37	1.197e+04	7408.92	-3903.23
						43.5	136.13	-89.80	203.37	1.199e+04	1.183e+04	-5240.50
282	90	-3844.04	1.238e+04	-6.81e-03	-0.05	0.0	143.62	24.33	209.68	1.223e+04	3263.12	-3957.23
		-5312.74	3263.12	-2.27e-03		21.8	143.62	-31.23	209.68	1.224e+04	7823.63	-4033.16
						43.5	143.62	-86.35	209.68	1.226e+04	1.238e+04	-5312.74
282	91	-3602.93	1.176e+04	-6.66e-03	-0.05	0.0	135.86	23.59	201.54	1.182e+04	2997.62	-3707.04
		-5182.65	2997.62	-2.28e-03		21.8	135.86	-33.99	201.54	1.183e+04	7381.14	-3820.93
						43.5	135.86	-91.15	201.54	1.185e+04	1.176e+04	-5182.65
282	92	-3751.26	1.232e+04	-6.76e-03	-0.05	0.0	143.35	23.85	207.85	1.209e+04	3275.03	-3859.92
		-5254.89	3275.03	-2.23e-03		21.8	143.35	-32.14	207.85	1.211e+04	7795.86	-3950.86
						43.5	143.35	-87.69	207.85	1.212e+04	1.232e+04	-5254.89
283	4	2.477e+04	1.374e+04	-0.04	-0.07	0.0	737.47	-680.57	-140.35	3918.22	1.374e+04	2.477e+04
		-1.301e+04	6717.97	-1.07e-03		25.0	737.47	-755.16	-140.35	3928.95	1.023e+04	6829.62
						50.0	737.47	-832.50	-140.35	3940.39	6717.97	-1.301e+04
283	5	1.665e+04	8241.73	-0.02	-0.05	0.0	485.75	-442.98	-88.75	2832.40	8241.73	1.665e+04
		-8865.56	3804.31	-1.31e-03		25.0	485.75	-510.00	-88.75	2839.95	6023.02	4741.14
						50.0	485.75	-578.84	-88.75	2848.02	3804.31	-8865.56
283	11	2.490e+04	1.308e+04	-0.04	-0.07	0.0	739.03	-682.59	-135.50	4016.49	1.308e+04	2.490e+04
		-1.303e+04	6303.58	-1.41e-03		25.0	739.03	-758.05	-135.50	4027.26	9690.97	6894.08
						50.0	739.03	-836.24	-135.50	4038.76	6303.58	-1.303e+04
283	31	2.108e+04	1.185e+04	-0.13	-0.05	0.0	603.74	-357.06	-91.39	1856.62	1.185e+04	2.108e+04
		-7421.80	7312.72	-4.54e-03		25.0	603.74	-414.99	-91.39	1865.59	9583.13	6007.87
						50.0	603.74	-475.32	-91.39	1874.89	7312.72	-7421.80
283	34	1.335e+04	6001.15	0.13	-0.04	0.0	406.95	-567.49	-97.26	3861.95	6001.15	1.335e+04
		-1.086e+04	1109.41	2.28e-03		25.0	406.95	-638.57	-97.26	3868.40	3555.28	3700.83
						50.0	406.95	-711.04	-97.26	3875.55	1109.41	-1.086e+04
283	36	1.451e+04	4468.81	0.13	-0.04	0.0	426.21	-531.54	-76.48	3513.02	4468.81	1.451e+04
		-1.034e+04	597.41	1.06e-03		25.0	426.21	-604.90	-76.48	3518.31	2533.11	3992.29
						50.0	426.21	-679.58	-76.48	3524.24	597.41	-1.034e+04
283	37	1.992e+04	1.339e+04	-0.13	-0.05	0.0	584.48	-393.01	-112.17	2205.55	1.339e+04	1.992e+04
		-7944.20	7824.71	-3.33e-03		25.0	584.48	-448.66	-112.17	2215.67	1.061e+04	5716.41
						50.0	584.48	-506.78	-112.17	2226.20	7824.71	-7944.20
283	63	2.246e+04	1.290e+04	-0.16	-0.06	0.0	638.76	-319.60	-90.34	1499.67	1.290e+04	2.246e+04
		-6809.70	8416.91	-5.76e-03		25.0	638.76	-375.20	-90.34	1509.09	1.066e+04	6418.53
						50.0	638.76	-433.37	-90.34	1518.78	8416.91	-6809.70
283	66	1.197e+04	4959.42	0.16	-0.04	0.0	371.93	-604.95	-98.31	4218.90	4959.42	1.197e+04
		-1.147e+04	5.22	3.49e-03		25.0	371.93	-678.36	-98.31	4224.90	2482.32	3290.18
						50.0	371.93	-752.99	-98.31	4231.67	5.22	-1.147e+04

283	68	1.355e+04 -1.076e+04	2881.57 -689.04	0.17 1.84e-03	-0.04	0.0 25.0 50.0	398.04 398.04 398.04	-556.19 -632.72 -710.33	-70.12 -70.12 -70.12	3745.74 3750.18 3755.30	2881.57 1096.27 -689.04	1.355e+04 3685.39 -1.076e+04
283	69	2.088e+04 -7518.10	1.497e+04 9111.17	-0.17 -4.11e-03	-0.05	0.0 25.0 50.0	612.65 612.65 612.65	-368.35 -420.84 -476.03	-118.53 -118.53 -118.53	1972.82 1983.81 1995.15	1.497e+04 1.204e+04 9111.17	2.088e+04 6023.31 -7518.10
283	79	1.681e+04 -8942.94	8426.90 3913.15	-0.02 -1.27e-03	-0.05	0.0 25.0 50.0	491.21 491.21 491.21	-448.39 -514.71 -582.88	-90.27 -90.27 -90.27	2841.19 2848.78 2856.88	8426.90 6170.02 3913.15	1.681e+04 4773.09 -8942.94
283	82	1.865e+04 -9814.36	1.016e+04 4927.84	-0.03 -9.15e-04	-0.05	0.0 25.0 50.0	553.51 553.51 553.51	-509.89 -568.93 -630.02	-104.59 -104.59 -104.59	2985.11 2993.26 3001.94	1.016e+04 7542.56 4927.84	1.865e+04 5168.19 -9814.36
283	85	1.873e+04 -9826.70	9719.05 4651.58	-0.03 -1.14e-03	-0.05	0.0 25.0 50.0	554.54 554.54 554.54	-511.24 -570.85 -632.52	-101.35 -101.35 -101.35	3050.62 3058.80 3067.52	9719.05 7185.31 4651.58	1.873e+04 5211.16 -9826.70
283	86	1.681e+04 -8942.94	8426.90 3913.15	-0.02 -1.27e-03	-0.05	0.0 25.0 50.0	491.21 491.21 491.21	-448.39 -514.71 -582.88	-90.27 -90.27 -90.27	2841.19 2848.78 2856.88	8426.90 6170.02 3913.15	1.681e+04 4773.09 -8942.94
283	87	1.748e+04 -9273.36	9260.97 4409.67	-0.03 -1.05e-03	-0.05	0.0 25.0 50.0	514.77 514.77 514.77	-471.53 -534.82 -600.05	-97.03 -97.03 -97.03	2871.35 2879.14 2887.45	9260.97 6835.32 4409.67	1.748e+04 4908.52 -9273.36
283	91	1.681e+04 -8942.94	8426.90 3913.15	-0.02 -1.27e-03	-0.05	0.0 25.0 50.0	491.21 491.21 491.21	-448.39 -514.71 -582.88	-90.27 -90.27 -90.27	2841.19 2848.78 2856.88	8426.90 6170.02 3913.15	1.681e+04 4773.09 -8942.94
283	92	1.721e+04 -9141.19	8927.34 4211.06	-0.03 -1.13e-03	-0.05	0.0 25.0 50.0	505.34 505.34 505.34	-462.27 -526.78 -593.18	-94.33 -94.33 -94.33	2859.28 2866.99 2875.22	8927.34 6569.20 4211.06	1.721e+04 4854.35 -9141.19
284	3	1.181e+05 -9.640e+04	7745.50 -2920.09	-0.14 2.47e-03	-0.06	0.0 66.5 133.0	-1309.18 -1309.18 -1309.18	-1380.76 -1607.26 -1864.14	-80.19 -80.19 -80.19	2272.33 2304.48 2339.58	7745.50 2412.71 -2920.09	1.181e+05 1.886e+04 -9.640e+04
284	4	1.212e+05 -9.898e+04	7760.61 -2807.16	-0.15 2.15e-03	-0.07	0.0 66.5 133.0	-1345.67 -1345.67 -1345.67	-1428.40 -1650.51 -1903.70	-79.46 -79.46 -79.46	2360.99 2393.89 2429.84	7760.61 2476.72 -2807.16	1.212e+05 1.902e+04 -9.898e+04
284	5	8.165e+04 -6.685e+04	4331.29 -1005.71	-0.10 -5.46e-04	-0.04	0.0 66.5 133.0	-882.65 -882.65 -882.65	-919.00 -1112.98 -1327.80	-40.13 -40.13 -40.13	1894.69 1918.05 1943.86	4331.29 1662.79 -1005.71	8.165e+04 1.419e+04 -6.685e+04
284	11	1.214e+05 -9.915e+04	7232.46 -2279.16	-0.15 1.02e-03	-0.06	0.0 66.5 133.0	-1340.87 -1340.87 -1340.87	-1428.59 -1652.87 -1908.09	-71.52 -71.52 -71.52	2499.76 2532.93 2569.33	7232.46 2476.65 -2279.16	1.214e+05 1.908e+04 -9.915e+04
284	15	9.899e+04 -5.529e+04	4576.58 2525.57	-0.13 -8.28e-03	-0.05	0.0 66.5 133.0	-1081.19 -1081.19 -1081.19	-744.69 -937.79 -1152.24	-15.73 -15.73 -15.73	880.78 899.51 919.39	4576.58 3551.08 2525.57	9.899e+04 1.466e+04 -5.529e+04
284	18	6.992e+04 -8.287e+04	5074.65 -5289.62	0.12 8.71e-03	-0.04	0.0 66.5 133.0	-760.12 -760.12 -760.12	-1180.84 -1363.62 -1568.29	-77.62 -77.62 -77.62	2821.16 2849.95 2882.39	5074.65 -107.49 -5289.62	6.992e+04 1.392e+04 -8.287e+04
284	34	6.999e+04 -8.472e+04	1459.60 -3708.71	0.18 6.62e-03	-0.04	0.0 66.5 133.0	-817.72 -817.72 -817.72	-1175.90 -1377.43 -1598.08	-38.29 -38.29 -38.29	2951.89 2973.72 2999.34	1459.60 -1124.55 -3708.71	6.999e+04 1.393e+04 -8.472e+04
284	37	9.375e+04 -5.795e+04	9106.48 -1058.22	-0.18 -2.84e-03	-0.05	0.0 66.5 133.0	-951.89 -951.89 -951.89	-827.73 -996.51 -1190.17	-76.86 -76.86 -76.86	1095.00 1124.24 1154.92	9106.48 4024.13 -1058.22	9.375e+04 1.446e+04 -5.795e+04
284	47	1.042e+05 -5.038e+04	4487.92 3916.68	-0.14 -0.01	-0.05	0.0 66.5 133.0	-1138.34 -1138.34 -1138.34	-667.05 -862.00 -1078.19	-4.71 -4.71 -4.71	535.39 552.33 569.98	4487.92 4202.30 3916.68	1.042e+05 1.479e+04 -5.038e+04
284	50	6.474e+04 -8.778e+04	5163.31 -6680.73	0.12 0.01	-0.04	0.0 66.5 133.0	-702.97 -702.97 -702.97	-1258.48 -1439.42 -1642.34	-88.63 -88.63 -88.63	3166.55 3197.13 3231.81	5163.31 -758.71 -6680.73	6.474e+04 1.379e+04 -8.778e+04
284	66	6.484e+04 -9.029e+04	261.31 -4537.00	0.21 8.90e-03	-0.04	0.0 66.5 133.0	-781.07 -781.07 -781.07	-1251.77 -1458.14 -1682.75	-35.31 -35.31 -35.31	3343.82 3364.95 3390.39	261.31 -2137.85 -4537.00	6.484e+04 1.380e+04 -9.029e+04
284	69	9.706e+04 -5.399e+04	1.063e+04 -942.95	-0.21 -3.93e-03	-0.05	0.0 66.5 133.0	-963.01 -963.01 -963.01	-779.65 -941.62 -1129.62	-87.60 -87.60 -87.60	825.87 857.07 889.36	1.063e+04 4843.76 -942.95	9.706e+04 1.452e+04 -5.399e+04
284	79	8.243e+04 -6.747e+04	4463.44 -1105.31	-0.10 -4.39e-04	-0.04	0.0 66.5 133.0	-893.12 -893.12 -893.12	-931.14 -1123.45 -1336.81	-41.87 -41.87 -41.87	1884.38 1907.83 1933.71	4463.44 1679.07 -1105.31	8.243e+04 1.422e+04 -6.747e+04
284	81	8.918e+04 -7.285e+04	5670.69 -2027.71	-0.11 1.48e-03	-0.05	0.0 66.5 133.0	-984.89 -984.89 -984.89	-1036.56 -1214.32 -1415.00	-57.88 -57.88 -57.88	1773.01 1797.51 1824.31	5670.69 1821.49 -2027.71	8.918e+04 1.445e+04 -7.285e+04
284	82	9.130e+04 -7.457e+04	5680.77 -1952.42	-0.11 1.26e-03	-0.05	0.0 66.5 133.0	-1009.21 -1009.21 -1009.21	-1068.32 -1243.16 -1441.37	-57.39 -57.39 -57.39	1832.12 1867.12 1884.49	5680.77 1864.17 -1952.42	9.130e+04 1.456e+04 -7.457e+04
284	85	9.139e+04 -7.468e+04	5328.66 -1600.42	-0.11 5.06e-04	-0.05	0.0 66.5 133.0	-1006.01 -1006.01 -1006.01	-1068.45 -1244.73 -1444.29	-52.10 -52.10 -52.10	1924.64 1949.81 1977.48	5328.66 1864.12 -1600.42	9.139e+04 1.460e+04 -7.468e+04
284	86	8.243e+04 -6.747e+04	4463.44 -1105.31	-0.10 -4.39e-04	-0.04	0.0 66.5	-893.12 -893.12	-931.14 -1123.45	-41.87 -41.87	1884.38 1907.83	4463.44 1679.07	8.243e+04 1.422e+04

284	87	8.580e+04	5067.07	-0.10	-0.05	133.0	-893.12	-1336.81	-41.87	1933.71	-1105.31	-6.747e+04
		-7.016e+04	-1566.51	5.75e-04		0.0	-939.01	-983.85	-49.88	1828.70	5067.07	8.580e+04
284	91	8.243e+04	4463.44	-0.10	-0.04	66.5	-939.01	-1168.89	-49.88	1852.67	1750.28	1.433e+04
		-6.747e+04	-1105.31	-4.39e-04		133.0	-939.01	-1375.90	-49.88	1879.01	-1566.51	-7.016e+04
284	92	8.445e+04	4825.62	-0.10	-0.05	0.0	-893.12	-931.14	-41.87	1884.38	4463.44	8.243e+04
		-6.908e+04	-1382.03	-2.30e-04		66.5	-893.12	-1123.45	-41.87	1907.83	1679.07	1.422e+04
285	3	5.639e+04	-3084.16	0.06	-0.05	133.0	-893.12	-1336.81	-41.87	1933.71	-1105.31	-6.747e+04
		-2342.69	-5752.66	7.61e-04		0.0	-920.65	-962.77	-46.67	1850.97	4825.62	8.445e+04
285	4	5.749e+04	-3005.82	0.06	-0.05	66.5	-920.65	-1150.71	-46.67	1874.73	1721.80	1.429e+04
		-2320.28	-5714.38	6.53e-04		133.0	-920.65	-1360.27	-46.67	1900.89	-1382.03	-6.908e+04
285	5	3.927e+04	-1316.27	0.04	-0.03	0.0	-4145.73	1149.81	-46.82	557.45	-3084.16	-2342.69
		-1728.74	-2905.85	-2.28e-04		28.5	-4145.73	1031.15	-46.82	573.19	-4418.41	2.875e+04
285	12	4.148e+04	-1159.60	0.04	-0.04	57.0	-4145.73	907.67	-46.82	589.07	-5752.66	5.639e+04
		-1683.92	-2829.29	-4.44e-04		0.0	-4243.83	1167.40	-47.52	603.02	-3005.82	-2320.28
285	15	4.347e+04	1104.88	-0.06	-0.04	28.5	-4243.83	1050.15	-47.52	619.16	-4360.10	2.929e+04
		-1063.68	-975.21	-2.50e-03		57.0	-4243.83	927.96	-47.52	635.45	-5714.38	6.53e-04
285	18	3.759e+04	-4378.65	0.05	-0.03	0.0	-2881.20	817.83	-27.89	600.17	-1316.27	-1728.74
		-2439.27	-5759.06	2.54e-03		28.5	-2881.20	719.85	-27.89	611.83	-2111.06	2.019e+04
285	21	3.913e+04	-3871.74	-0.06	-0.03	57.0	-2881.20	618.54	-27.89	623.64	-2905.85	3.927e+04
		-1576.55	-5888.43	5.57e-04		0.0	-3077.41	853.02	-29.29	691.31	-1159.60	-1683.92
285	35	4.419e+04	-51.55	-0.09	-0.04	28.5	-3077.41	757.84	-29.29	703.76	-1994.44	2.128e+04
		96.65	-2874.07	-1.12e-03		57.0	-3077.41	659.11	-29.29	716.38	-2829.29	4.148e+04
285	38	3.687e+04	-3222.21	0.09	-0.03	0.0	-3367.67	891.14	-34.36	-258.71	1104.88	-1063.68
		-3599.60	-3860.20	1.16e-03		28.5	-3367.67	800.41	-34.36	-249.98	64.84	2.200e+04
285	47	4.452e+04	2080.95	-0.06	-0.04	57.0	-3367.67	705.93	-34.36	-241.31	-975.21	4.347e+04
		-818.81	-123.68	-3.40e-03		0.0	-2583.09	785.41	-26.35	1356.01	-4378.65	-2439.27
285	50	3.654e+04	-5354.72	0.06	-0.03	28.5	-2583.09	684.30	-26.35	1370.87	-5068.86	1.956e+04
		-2684.14	-6610.59	3.43e-03		57.0	-2583.09	580.02	-26.35	1386.05	-5759.06	3.759e+04
285	53	3.864e+04	-4667.35	-0.06	-0.03	0.0	-2710.60	824.89	-36.10	1081.38	-3871.74	-1576.55
		-1514.29	-6786.01	7.46e-04		28.5	-2710.60	726.51	-36.10	1096.69	-4880.08	1.987e+04
285	67	4.549e+04	512.82	-0.11	-0.04	57.0	-2710.60	624.58	-36.10	1112.27	-5888.43	3.913e+04
		754.57	-2698.54	-1.53e-03		0.0	-3291.78	928.45	-46.90	-92.15	-51.55	96.65
285	70	3.557e+04	-3786.59	0.11	-0.03	28.5	-3291.78	838.67	-46.90	-80.40	-1462.81	2.163e+04
		-4257.52	-4035.73	1.57e-03		57.0	-3291.78	744.66	-46.90	-68.68	-2874.07	4.419e+04
285	79	3.963e+04	-1401.47	0.04	-0.03	0.0	-2658.98	748.11	-13.81	1189.44	-3222.21	-3599.60
		-1735.54	-3028.58	-1.63e-04		28.5	-2658.98	646.04	-13.81	1201.29	-3541.21	1.993e+04
285	81	4.264e+04	-2186.17	0.04	-0.04	57.0	-2658.98	541.29	-13.81	1213.41	-3860.20	3.687e+04
		-1788.66	-4157.10	4.43e-04		0.0	-3507.33	909.96	-35.79	-546.13	2080.95	-818.81
285	82	4.337e+04	-2133.94	0.04	-0.04	28.5	-3507.33	821.08	-35.79	-538.49	978.64	2.243e+04
		-1773.72	-4131.58	3.72e-04		57.0	-3507.33	728.34	-35.79	-530.98	-123.68	4.452e+04
285	83	4.110e+04	-1297.02	0.04	-0.04	0.0	-2443.44	766.60	-24.92	1643.43	-5354.72	-2684.14
		-1705.66	-2977.54	-3.07e-04		28.5	-2443.44	663.63	-24.92	1659.38	-5982.66	1.913e+04
285	86	3.963e+04	-1401.47	0.04	-0.03	57.0	-2443.44	557.61	-24.92	1675.72	-6610.59	3.654e+04
		-1735.54	-3028.58	-1.63e-04		0.0	-2616.33	820.12	-38.15	1271.03	-4667.35	-1514.29
285	87	4.113e+04	-1793.82	0.04	-0.04	28.5	-2616.33	720.88	-38.15	1287.60	-5726.68	1.955e+04
		-1762.10	-3592.84	1.69e-04		57.0	-2616.33	618.04	-38.15	1304.47	-6786.01	3.864e+04
285	88	3.992e+04	-1380.58	0.04	-0.03	0.0	-3404.42	960.55	-52.79	-320.27	512.82	754.57
		-1729.56	-3018.37	-1.92e-04		28.5	-3404.42	872.96	-52.79	-308.54	-1092.86	2.193e+04
285	91	3.963e+04	-1401.47	0.04	-0.03	57.0	-3404.42	780.85	-52.79	-296.89	-2698.54	4.549e+04
		-1735.54	-3028.58	-1.63e-04		0.0	-2546.35	716.01	-7.92	1417.56	-3786.59	-4257.52
285	92	4.053e+04	-1636.88	0.04	-0.04	28.5	-2546.35	611.75	-7.92	1429.43	-3911.16	1.963e+04
						57.0	-2546.35	505.09	-7.92	1441.63	-4035.73	3.557e+04
285	99	4.113e+04	-1793.82	0.04	-0.04	0.0	-2907.40	823.61	-28.55	587.27	-1401.47	-1735.54
		-1762.10	-3592.84	1.69e-04		28.5	-2907.40	726.21	-28.55	598.96	-2215.03	2.036e+04
285	100	4.053e+04	-1636.88	0.04	-0.04	57.0	-2907.40	625.43	-28.55	610.79	-3028.58	3.963e+04
						0.0	-3134.01	872.50	-34.58	458.54	-2186.17	-1788.66
285	101	4.264e+04	-2186.17	0.04	-0.04	28.5	-3134.01	780.03	-34.58	470.57	-3171.63	2.177e+04
		-1788.66	-4157.10	4.43e-04		57.0	-3134.01	683.91	-34.58	482.72	-4157.10	4.264e+04
285	102	4.337e+04	-2133.94	0.04	-0.04	0.0	-3199.41	884.23	-35.05	488.92	-2133.94	-1773.72
		-1773.72	-4131.58	3.72e-04		28.5	-3199.41	792.69	-35.05	501.22	-3132.76	2.213e+04
285	103	4.110e+04	-1297.02	0.04	-0.04	57.0	-3199.41	697.43	-35.05	513.64	-4131.58	4.337e+04
		-1705.66	-2977.54	-3.07e-04		0.0	-3038.20	847.08	-29.48	648.02	-1297.02	-1705.66
285	104	3.963e+04	-1401.47	0.04	-0.03	28.5	-3038.20	751.53	-29.48	660.24	-2137.28	2.108e+04
		-1735.54	-3028.58	-1.63e-04		57.0	-3038.20	652.48	-29.48	672.62	-2977.54	4.110e+04
285	105	4.113e+04	-1793.82	0.04	-0.04	0.0	-2907.40	823.61	-28.55	587.27	-1401.47	-1735.54
		-1762.10	-3592.84	1.69e-04		28.5	-2907.40	726.21	-28.55	598.96	-2215.03	2.036e+04
285	106	4.053e+04	-1636.88	0.04	-0.04	57.0	-2907.40	625.43	-28.55	610.79	-3028.58	3.963e+04
						0.0	-3020.70	848.06	-31.56	522.90	-1793.82	-1762.10
285	107	3.992e+04	-1380.58	0.04	-0.03	28.5	-3020.70	753.12	-31.56	534.76	-2693.33	2.106e+04
		-1729.56	-3018.37	-1.92e-04		57.0	-3020.70	654.67	-31.56	546.75	-3592.84	4.113e+04
285	108	4.113e+04	-1793.82	0.04	-0.04	0.0	-2933.56	828.31	-28.73	599.42	-1380.58	-1729.56
		-1762.10	-3592.84	1.69e-04		28.5	-2933.56	731.27	-28.73	611.21	-2199.48	2.050e+04
285	109	3.992e+04	-1380.58	0.04	-0.03	57.0	-2933.56	630.84	-28.73	623.15	-3018.37	3.992e+04
		-1729.56	-3018.37	-1.92e-04		0.0	-2907.40	823.61	-28.55	587.27	-1401.47	-1735.54
285	110	4.113e+04	-1793.82	0.04	-0.04	28.5	-2907.40	726.21	-28.55	598.96	-2215.03	2.036e+04
		-1762.10	-3592.84	1.69e-04		57.0	-2907.40	625.43	-28.55	610.79	-3028.58	3.963e+04
285	111	4.053e+04	-1636.88	0.04	-0.04	0.0	-2975.38	838.28	-30.36	548.65	-1636.88	-1751.48

		-1751.48	-3367.14	8.55e-05		28.5	-2975.38	742.35	-30.36	560.44	-2502.01	2.078e+04
						57.0	-2975.38	642.97	-30.36	572.37	-3367.14	4.053e+04
286	4	5.749e+04	-5186.61	0.07	-0.04	0.0	-4219.00	-2382.92	12.86	-3692.17	-5919.46	5.749e+04
		-8.567e+04	-5919.46	-6.09e-04		28.5	-4219.00	-2510.62	12.86	-3676.24	-5553.04	-1.223e+04
						57.0	-4219.00	-2644.12	12.86	-3661.17	-5186.61	-8.567e+04
286	5	3.927e+04	-2669.23	0.05	-0.03	0.0	-2868.86	-1618.30	9.94	-2491.68	-3235.68	3.927e+04
		-5.900e+04	-3235.68	-8.80e-04		28.5	-2868.86	-1723.36	9.94	-2480.09	-2952.46	-8337.56
						57.0	-2868.86	-1832.34	9.94	-2469.09	-2669.23	-5.900e+04
286	11	5.724e+04	-4747.15	0.07	-0.04	0.0	-4214.02	-2378.32	12.96	-3656.23	-5485.63	5.724e+04
		-8.570e+04	-5485.63	-8.76e-04		28.5	-4214.02	-2506.80	12.96	-3640.02	-5116.39	-1.236e+04
						57.0	-4214.02	-2641.04	12.96	-3624.66	-4747.15	-8.570e+04
286	15	4.347e+04	-1776.64	-0.06	-0.03	0.0	-3513.92	-1511.94	4.56	-2993.29	-2043.48	4.347e+04
		-5.364e+04	-2043.48	-3.72e-03		28.5	-3513.92	-1619.48	4.56	-2985.00	-1910.06	-5631.41
						57.0	-3513.92	-1730.78	4.56	-2977.42	-1776.64	-5.364e+04
286	16	4.173e+04	-1355.52	0.06	-0.03	0.0	-3285.31	-1528.73	8.90	-2878.71	-1860.62	4.173e+04
		-5.499e+04	-1860.62	-1.28e-03		28.5	-3285.31	-1634.74	8.90	-2870.80	-1608.07	-7102.29
						57.0	-3285.31	-1744.94	8.90	-2863.56	-1355.52	-5.499e+04
286	17	3.933e+04	-4781.75	-0.06	-0.03	0.0	-2638.10	-1814.52	10.97	-2287.00	-5409.74	3.933e+04
		-6.636e+04	-5409.74	-1.89e-04		28.5	-2638.10	-1915.00	10.97	-2271.53	-5095.74	-1.004e+04
						57.0	-2638.10	-2019.42	10.97	-2256.60	-4781.75	-6.636e+04
286	18	3.759e+04	-4360.63	0.05	-0.03	0.0	-2409.49	-1831.31	15.32	-2172.42	-5226.88	3.759e+04
		-6.772e+04	-5226.88	2.26e-03		28.5	-2409.49	-1930.26	15.32	-2157.33	-4793.75	-1.151e+04
						57.0	-2409.49	-2033.58	15.32	-2142.75	-4360.63	-6.772e+04
286	35	4.419e+04	-3320.16	-0.08	-0.03	0.0	-3424.73	-1608.24	1.77	-2856.87	-3438.46	4.419e+04
		-5.718e+04	-3438.46	-4.94e-03		28.5	-3424.73	-1715.11	1.77	-2845.51	-3379.31	-5789.97
						57.0	-3424.73	-1825.25	1.77	-2834.81	-3320.16	-5.718e+04
286	47	4.452e+04	-1316.69	-0.06	-0.04	0.0	-3710.51	-1455.09	2.64	-3139.40	-1476.84	4.452e+04
		-5.113e+04	-1476.84	-4.78e-03		28.5	-3710.51	-1564.16	2.64	-3132.33	-1396.77	-4584.41
						57.0	-3710.51	-1676.88	2.64	-3125.99	-1316.69	-5.113e+04
286	48	4.216e+04	-745.66	0.07	-0.03	0.0	-3400.51	-1477.86	8.54	-2984.04	-1228.88	4.216e+04
		-5.297e+04	-1228.88	-1.47e-03		28.5	-3400.51	-1584.85	8.54	-2977.47	-987.27	-6578.92
						57.0	-3400.51	-1696.08	8.54	-2971.60	-745.66	-5.297e+04
286	49	3.890e+04	-5391.62	-0.06	-0.03	0.0	-2522.90	-1865.39	11.34	-2181.67	-6041.48	3.890e+04
		-6.839e+04	-6041.48	1.74e-04		28.5	-2522.90	-1964.89	11.34	-2164.86	-5716.55	-1.057e+04
						57.0	-2522.90	-2068.28	11.34	-2148.56	-5391.62	-6.839e+04
286	50	3.655e+04	-4820.58	0.06	-0.03	0.0	-2212.90	-1888.16	17.24	-2026.31	-5793.53	3.655e+04
		-7.022e+04	-5793.53	3.32e-03		28.5	-2212.90	-1985.58	17.24	-2010.01	-5307.05	-1.256e+04
						57.0	-2212.90	-2087.48	17.24	-1994.17	-4820.58	-7.022e+04
286	67	4.549e+04	-3368.43	-0.09	-0.04	0.0	-3589.57	-1585.68	-1.13	-2954.42	-3368.43	4.549e+04
		-5.593e+04	-3409.70	-6.43e-03		28.5	-3589.57	-1693.83	-1.13	-2943.17	-3389.06	-4799.42
						57.0	-3589.57	-1804.99	-1.13	-2932.61	-3409.70	-5.593e+04
286	79	3.963e+04	-2774.01	0.05	-0.03	0.0	-2894.82	-1633.27	9.98	-2516.38	-3342.79	3.963e+04
		-5.947e+04	-3342.79	-8.42e-04		28.5	-2894.82	-1737.82	9.98	-2504.77	-3058.40	-8401.86
						57.0	-2894.82	-1846.34	9.98	-2493.75	-2774.01	-5.947e+04
286	82	4.337e+04	-3757.75	0.05	-0.03	0.0	-3181.34	-1796.40	9.87	-2780.49	-4320.61	4.337e+04
		-6.473e+04	-4320.61	-5.44e-04		28.5	-3181.34	-1895.81	9.87	-2768.34	-4039.18	-9228.75
						57.0	-3181.34	-1999.59	9.87	-2756.84	-3757.75	-6.473e+04
286	85	4.321e+04	-3464.78	0.05	-0.03	0.0	-3178.02	-1793.34	9.94	-2756.53	-4031.39	4.321e+04
		-6.475e+04	-4031.39	-7.22e-04		28.5	-3178.02	-1893.27	9.94	-2744.19	-3748.09	-9316.53
						57.0	-3178.02	-1997.54	9.94	-2732.50	-3464.78	-6.475e+04
286	86	3.963e+04	-2774.01	0.05	-0.03	0.0	-2894.82	-1633.27	9.98	-2516.38	-3342.79	3.963e+04
		-5.947e+04	-3342.79	-8.42e-04		28.5	-2894.82	-1737.82	9.98	-2504.77	-3058.40	-8401.86
						57.0	-2894.82	-1846.34	9.98	-2493.75	-2774.01	-5.947e+04
286	87	4.113e+04	-3265.05	0.05	-0.03	0.0	-3006.30	-1697.19	9.91	-2627.18	-3830.11	4.113e+04
		-6.148e+04	-3830.11	-6.59e-04		28.5	-3006.30	-1799.57	9.91	-2615.43	-3547.58	-8686.13
						57.0	-3006.30	-1906.07	9.91	-2604.30	-3265.05	-6.148e+04
286	91	3.963e+04	-2774.01	0.05	-0.03	0.0	-2894.82	-1633.27	9.98	-2516.38	-3342.79	3.963e+04
		-5.947e+04	-3342.79	-8.42e-04		28.5	-2894.82	-1737.82	9.98	-2504.77	-3058.40	-8401.86
						57.0	-2894.82	-1846.34	9.98	-2493.75	-2774.01	-5.947e+04
286	92	4.053e+04	-3068.64	0.05	-0.03	0.0	-2961.71	-1671.62	9.94	-2582.86	-3635.18	4.053e+04
		-6.068e+04	-3635.18	-7.32e-04		28.5	-2961.71	-1774.87	9.94	-2571.17	-3351.91	-8572.42
						57.0	-2961.71	-1882.18	9.94	-2560.08	-3068.64	-6.068e+04
287	3	1.935e+04	3971.30	-9.90e-03	-0.04	0.0	5369.29	744.63	28.54	7423.78	-1831.80	-4.129e+04
		-4.129e+04	-1831.80	9.05e-04		101.7	5369.29	279.63	28.54	7377.44	1069.75	1.073e+04
						203.3	5369.29	-180.90	28.54	7353.14	3971.30	1.574e+04
287	4	2.018e+04	4011.09	-0.01	-0.04	0.0	5516.44	755.73	28.33	7471.68	-1749.17	-4.276e+04
		-4.276e+04	-1749.17	1.09e-03		101.7	5516.44	294.21	28.33	7424.65	1130.96	1.056e+04
						203.3	5516.44	-162.31	28.33	7399.79	4011.09	1.726e+04
287	5	1.621e+04	2446.69	-0.01	-0.03	0.0	3442.74	612.38	17.10	4644.54	-1030.18	-3.373e+04
		-3.373e+04	-1030.18	1.57e-03		101.7	3442.74	230.49	17.10	4612.82	708.25	9065.77
						203.3	3442.74	-146.88	17.10	4594.88	2446.69	1.331e+04
287	9	2.245e+04	3380.04	0.02	-0.04	0.0	4907.17	809.58	22.72	6357.96	-1239.06	-4.633e+04
		-4.633e+04	-1239.06	2.24e-03		101.7	4907.17	325.24	22.72	6314.41	1070.49	1.129e+04
						203.3	4907.17	-152.47	22.72	6289.73	3380.04	2.005e+04
287	19	3.654e+04	2468.32	-5.29e-03	-0.03	0.0	4331.43	849.33	27.37	4626.36	-3359.32	-7539.84
		-7539.84	-3359.32	1.53e-03		101.7	4331.43	466.53	27.37	4595.82	-445.50	9550.65
						203.3	4331.43	93.81	27.37	4578.71	2468.32	3.654e+04

287	24	3.416e+04	4520.37	-8.37e-03	-0.03	0.0	4256.38	813.44	54.91	4679.42	-6743.98	-1.060e+04
		-1.060e+04	-6743.98	6.93e-04		101.7	4256.38	440.05	54.91	4647.75	-1111.80	9500.56
						203.3	4256.38	73.55	54.91	4630.95	4520.37	3.416e+04
287	27	3.647e+04	3418.02	-6.82e-03	-0.03	0.0	4380.50	848.64	39.14	4424.86	-4620.04	-7526.33
		-7526.33	-4620.04	1.29e-03		101.7	4380.50	466.19	39.14	4399.82	-601.01	9620.21
						203.3	4380.50	94.17	39.14	4387.63	3418.02	3.647e+04
287	30	9096.99	2332.10	0.03	-0.03	0.0	2926.94	351.44	-1.99	5523.88	2332.10	-5.870e+04
		-5.870e+04	1847.84	1.31e-03		101.7	2926.94	-14.88	-1.99	5483.01	2089.97	8010.83
						203.3	2926.94	-383.31	-1.99	5458.81	1847.84	-1.061e+04
287	36	1.835e+04	5162.33	-0.01	-0.03	0.0	3663.10	624.83	56.70	5153.09	-6411.34	-2.954e+04
		-2.954e+04	-6411.34	-5.54e-04		101.7	3663.10	263.74	56.70	5120.09	-624.50	8809.11
						203.3	3663.10	-99.41	56.70	5105.76	5162.33	1.704e+04
287	51	4.495e+04	2409.72	-0.01	-0.03	0.0	4572.70	938.08	30.50	4502.48	-4147.98	1564.13
		1564.13	-4147.98	1.61e-03		101.7	4572.70	552.28	30.50	4472.79	-869.13	9812.35
						203.3	4572.70	178.68	30.50	4456.06	2409.72	4.495e+04
287	56	4.172e+04	5192.30	-8.48e-03	-0.03	0.0	4470.93	889.41	67.84	4574.43	-8737.59	-2581.51
		-2581.51	-8737.59	8.54e-04		101.7	4470.93	516.37	67.84	4543.20	-1772.64	9744.43
						203.3	4470.93	151.20	67.84	4526.90	5192.30	4.172e+04
287	57	8760.72	6449.64	0.03	-0.03	0.0	2836.52	310.67	-30.69	5374.31	6449.64	-6.364e+04
		-6.364e+04	73.56	2.65e-03		101.7	2836.52	-65.06	-30.69	5339.62	3261.60	7886.61
						203.3	2836.52	-440.33	-30.69	5319.54	73.56	-1.586e+04
287	59	4.485e+04	3697.52	-0.01	-0.03	0.0	4639.24	937.14	46.47	4229.23	-5857.52	1582.46
		1582.46	-5857.52	1.28e-03		101.7	4639.24	551.82	46.47	4207.01	-1080.00	9906.68
						203.3	4639.24	179.16	46.47	4196.96	3697.52	4.485e+04
287	62	8281.29	3569.58	0.03	-0.03	0.0	2668.20	262.94	-9.32	5719.50	3569.58	-6.781e+04
		-6.781e+04	1568.34	1.32e-03		101.7	2668.20	-100.51	-9.32	5675.82	2568.96	7724.36
						203.3	2668.20	-468.30	-9.32	5649.47	1568.34	-1.899e+04
287	79	1.608e+04	2498.76	-0.01	-0.03	0.0	3502.44	608.59	17.49	4742.04	-1058.48	-3.353e+04
		-3.353e+04	-1058.48	1.49e-03		101.7	3502.44	228.94	17.49	4709.93	720.14	8993.97
						203.3	3502.44	-146.32	17.49	4691.88	2498.76	1.318e+04
287	81	1.513e+04	2945.98	-8.12e-03	-0.03	0.0	4006.72	580.09	21.10	5516.46	-1343.47	-3.213e+04
		-3.213e+04	-1343.47	8.52e-04		101.7	4006.72	217.98	21.10	5481.55	801.26	8399.14
						203.3	4006.72	-140.48	21.10	5463.01	2945.98	1.233e+04
287	82	1.568e+04	2972.51	-8.99e-03	-0.03	0.0	4104.82	587.49	20.96	5548.40	-1288.38	-3.311e+04
		-3.311e+04	-1288.38	9.76e-04		101.7	4104.82	227.70	20.96	5513.02	842.06	8289.22
						203.3	4104.82	-128.09	20.96	5494.11	2972.51	1.334e+04
287	83	1.720e+04	2551.82	0.01	-0.03	0.0	3698.64	623.39	17.21	4805.91	-948.31	-3.549e+04
		-3.549e+04	-948.31	1.74e-03		101.7	3698.64	248.39	17.21	4772.86	801.75	8774.13
						203.3	3698.64	-121.53	17.21	4754.07	2551.82	1.521e+04
287	86	1.608e+04	2498.76	-0.01	-0.03	0.0	3502.44	608.59	17.49	4742.04	-1058.48	-3.353e+04
		-3.353e+04	-1058.48	1.49e-03		101.7	3502.44	228.94	17.49	4709.93	720.14	8993.97
						203.3	3502.44	-146.32	17.49	4691.88	2498.76	1.318e+04
287	87	1.560e+04	2722.37	-9.13e-03	-0.03	0.0	3754.58	594.34	19.30	5129.25	-1200.97	-3.283e+04
		-3.283e+04	-1200.97	1.17e-03		101.7	3754.58	223.46	19.30	5095.74	760.70	8696.56
						203.3	3754.58	-143.40	19.30	5077.45	2722.37	1.276e+04
287	88	1.630e+04	2509.37	-0.01	-0.03	0.0	3541.68	611.55	17.44	4754.82	-1036.44	-3.393e+04
		-3.393e+04	-1036.44	1.54e-03		101.7	3541.68	232.83	17.44	4722.51	736.47	8950.00
						203.3	3541.68	-141.36	17.44	4704.32	2509.37	1.359e+04
287	91	1.608e+04	2498.76	-0.01	-0.03	0.0	3502.44	608.59	17.49	4742.04	-1058.48	-3.353e+04
		-3.353e+04	-1058.48	1.49e-03		101.7	3502.44	228.94	17.49	4709.93	720.14	8993.97
						203.3	3502.44	-146.32	17.49	4691.88	2498.76	1.318e+04
287	92	1.579e+04	2632.93	-9.54e-03	-0.03	0.0	3653.72	600.04	18.58	4974.37	-1143.97	-3.311e+04
		-3.311e+04	-1143.97	1.30e-03		101.7	3653.72	225.65	18.58	4941.41	744.48	8815.52
						203.3	3653.72	-144.57	18.58	4923.22	2632.93	1.293e+04
288	4	4.165e+04	4339.85	4.32e-03	-0.04	0.0	4102.94	1226.89	43.93	3959.22	2640.98	-2423.66
		-2423.66	2640.98	9.94e-04		19.3	4102.94	1139.88	43.93	3956.81	3490.41	2.046e+04
						38.7	4102.94	1052.63	43.93	3954.82	4339.85	4.165e+04
288	5	2.659e+04	2704.00	3.06e-03	-0.03	0.0	2563.16	800.09	28.56	2399.35	1599.72	-1567.17
		-1567.17	1599.72	7.82e-04		19.3	2563.16	728.22	28.56	2397.38	2151.86	1.321e+04
						38.7	2563.16	656.16	28.56	2395.66	2704.00	2.659e+04
288	11	4.177e+04	4187.27	4.14e-03	-0.04	0.0	4069.18	1233.86	42.72	3757.23	2535.34	-2547.13
		-2547.13	2535.34	1.07e-03		19.3	4069.18	1146.24	42.72	3754.66	3361.31	2.046e+04
						38.7	4069.18	1058.39	42.72	3752.50	4187.27	4.177e+04
288	22	2.621e+04	2838.15	0.01	-0.03	0.0	2612.77	751.25	20.18	2803.43	1860.09	-3264.64
		-3264.64	1860.09	7.64e-04		19.3	2612.77	679.85	20.18	2801.54	2349.12	1.366e+04
						38.7	2612.77	608.22	20.18	2799.98	2838.15	2.621e+04
288	23	2.979e+04	3746.56	-0.02	-0.03	0.0	2808.94	921.29	44.26	2229.63	2072.09	-24.31
		-24.31	2072.09	6.27e-04		19.3	2808.94	852.22	44.26	2227.02	2909.32	1.401e+04
						38.7	2808.94	782.94	44.26	2224.60	3746.56	2.979e+04
288	31	2.931e+04	1211.89	-6.17e-03	-0.03	0.0	2838.09	879.17	29.50	2346.12	122.57	-992.44
		-992.44	122.57	9.30e-04		19.3	2838.09	811.65	29.50	2341.76	667.23	1.431e+04
						38.7	2838.09	743.96	29.50	2337.51	1211.89	2.931e+04
288	34	2.649e+04	4562.88	5.12e-03	-0.03	0.0	2590.73	788.73	30.65	2848.91	3326.40	-2239.81
		-2239.81	3326.40	5.98e-04		19.3	2590.73	715.16	30.65	2849.43	3944.64	1.334e+04
						38.7	2590.73	641.41	30.65	2850.39	4562.88	2.649e+04
288	36	2.742e+04	5110.60	-6.21e-03	-0.03	0.0	2632.37	836.40	38.51	2728.30	3647.77	-1312.86
		-1312.86	3647.77	5.13e-04		19.3	2632.37	763.14	38.51	2728.52	4379.19	1.337e+04

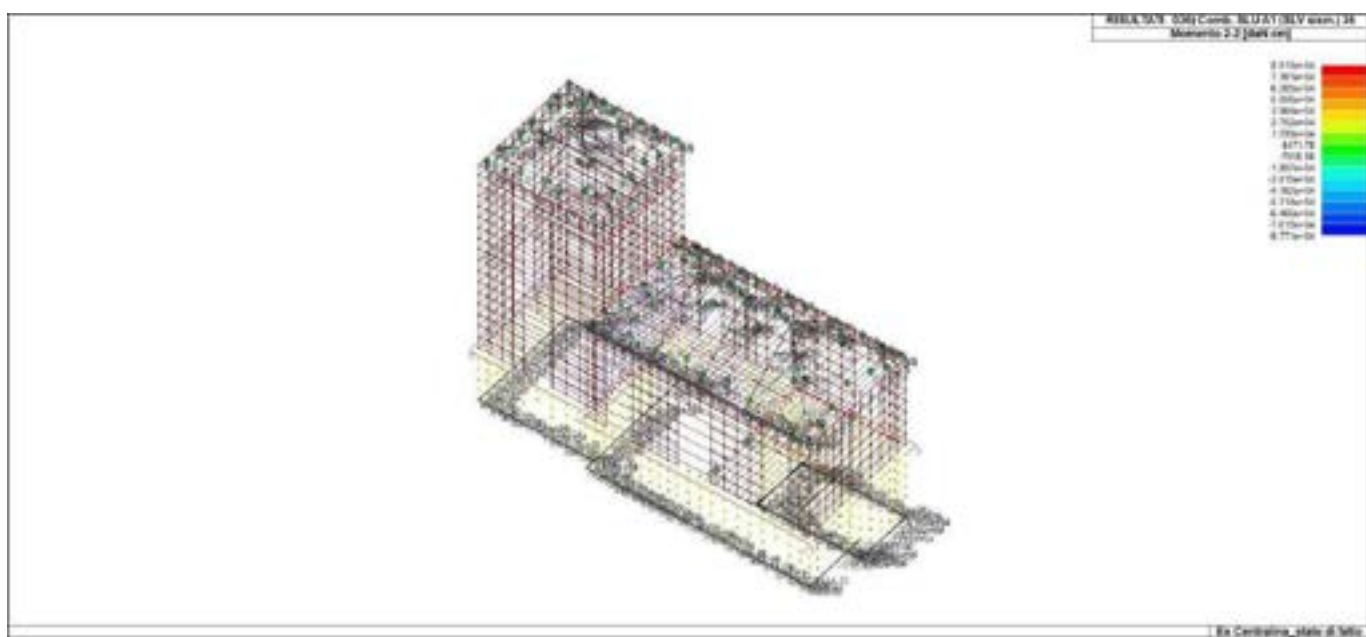
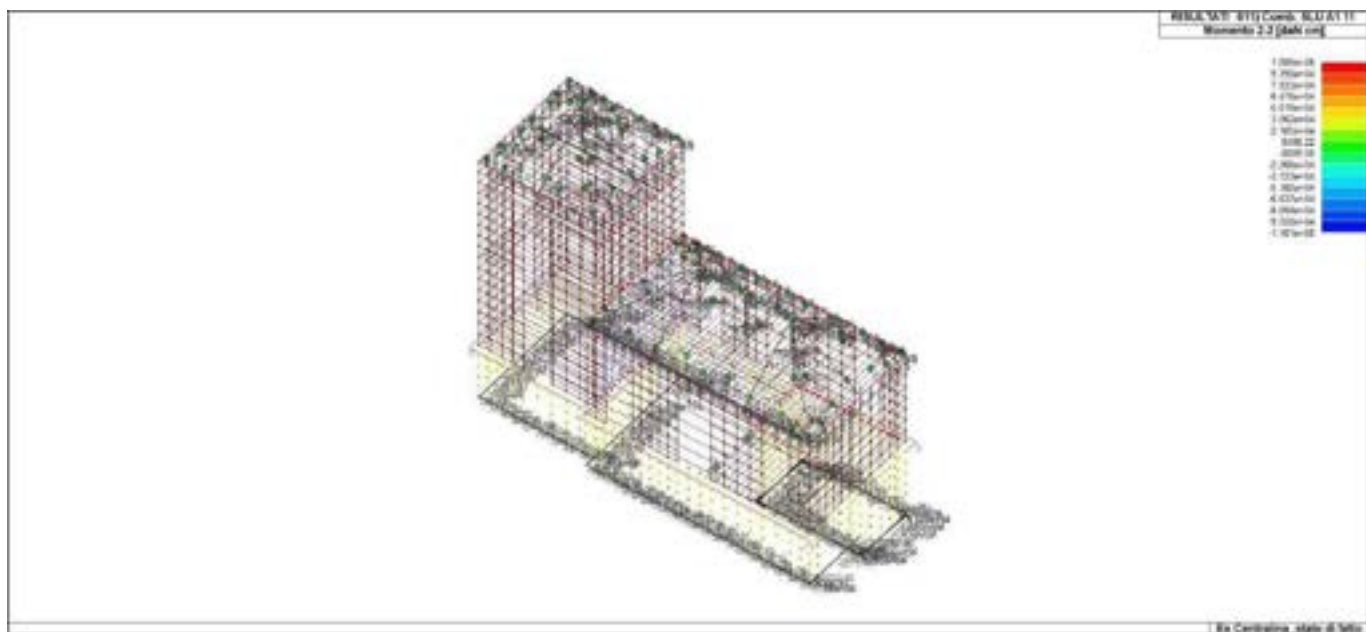
288	37	2.838e+04	664.16	7.32e-03	-0.03	38.7	2632.37	689.67	38.51	2729.19	5110.60	2.742e+04
		-1919.40	-198.80	1.02e-03		0.0	2796.45	831.49	21.63	2466.73	-198.80	-1919.40
288	54	2.560e+04	2820.62	0.01	-0.03	19.3	2796.45	763.67	21.63	2462.66	232.68	1.428e+04
		-3851.51	1908.37	7.64e-04		38.7	2796.45	695.70	21.63	2458.72	664.16	2.838e+04
288	55	3.047e+04	4052.42	-0.02	-0.03	0.0	2576.59	721.81	16.66	2876.73	1908.37	-3851.51
		542.37	2195.83	5.78e-04		19.3	2576.59	650.11	16.66	2874.86	2364.49	1.360e+04
288	63	2.981e+04	615.42	-7.24e-03	-0.03	38.7	2576.59	578.15	16.66	2873.32	2820.62	2.560e+04
		-770.39	-447.71	9.89e-04		0.0	2842.59	952.38	49.31	2098.67	2195.83	542.37
288	66	2.599e+04	5159.35	5.82e-03	-0.03	19.3	2842.59	883.83	49.31	2095.81	3124.13	1.408e+04
		-2461.87	3896.68	5.39e-04		38.7	2842.59	815.07	49.31	2093.12	4052.42	3.047e+04
288	69	2.855e+04	-127.30	8.79e-03	-0.03	0.0	2882.11	895.26	29.29	2256.62	-447.71	-770.39
		-2027.33	-883.49	1.11e-03		19.3	2882.11	828.82	29.29	2251.39	83.85	1.448e+04
288	79	2.696e+04	2755.14	3.10e-03	-0.03	38.7	2882.11	762.21	29.29	2246.22	615.42	2.981e+04
		-1580.35	1634.00	7.77e-04		0.0	2546.71	772.63	30.86	2938.41	3896.68	-2461.87
288	82	3.111e+04	3226.49	3.26e-03	-0.03	19.3	2546.71	697.99	30.86	2939.79	4528.01	1.317e+04
		-1817.70	1955.67	7.69e-04		38.7	2546.71	623.16	30.86	2941.69	5159.35	2.599e+04
288	85	3.120e+04	3124.77	3.15e-03	-0.03	0.0	2603.16	837.28	41.52	2774.86	4332.46	-1204.93
		-1900.01	1885.24	8.18e-04		19.3	2603.16	763.05	41.52	2775.85	5117.26	1.321e+04
288	86	2.696e+04	2755.14	3.10e-03	-0.03	38.7	2603.16	688.60	41.52	2777.33	5902.07	2.725e+04
		-1580.35	1634.00	7.77e-04		0.0	2825.66	830.61	18.63	2420.16	-883.49	-2027.33
288	87	2.853e+04	2975.55	3.21e-03	-0.03	19.3	2825.66	763.77	18.63	2415.33	-505.40	1.444e+04
		-1639.98	1784.80	7.56e-04		38.7	2825.66	696.77	18.63	2410.57	-127.30	2.855e+04
288	90	2.831e+04	2899.60	3.15e-03	-0.03	0.0	2605.67	809.67	28.99	2457.92	1634.00	-1580.35
		-1663.36	1732.51	7.79e-04		19.3	2605.67	738.19	28.99	2455.96	2194.57	1.338e+04
288	91	2.696e+04	2755.14	3.10e-03	-0.03	38.7	2605.67	666.53	28.99	2454.26	2755.14	2.696e+04
		-1580.35	1634.00	7.77e-04		0.0	3054.38	919.50	32.86	2928.15	1955.67	-1817.70
288	92	2.790e+04	2887.38	3.17e-03	-0.03	19.3	3054.38	851.70	32.86	2926.28	2591.08	1.530e+04
		-1616.13	1724.48	7.64e-04		38.7	3054.38	783.72	32.86	2924.72	3226.49	3.111e+04
289	4	4.166e+04	6760.88	-0.01	-0.04	0.0	3031.87	924.14	32.05	2793.50	1885.24	-1900.01
		2.623e+04	4537.21	2.08e-03		19.3	3031.87	855.94	32.05	2791.52	2505.01	1.531e+04
289	5	2.660e+04	4378.23	-9.20e-03	-0.03	38.7	3031.87	787.55	32.05	2789.84	3124.77	3.120e+04
		1.707e+04	2904.77	1.52e-03		0.0	2605.67	809.67	28.99	2457.92	1634.00	-1580.35
289	11	4.178e+04	6611.01	-0.01	-0.04	19.3	2605.67	738.19	28.99	2455.96	2194.57	1.338e+04
		2.624e+04	4431.86	2.16e-03		38.7	2605.67	666.53	28.99	2454.26	2755.14	2.696e+04
289	23	2.980e+04	5719.45	-0.02	-0.03	0.0	2714.41	833.95	30.07	2597.51	1724.48	-1616.13
		1.807e+04	3589.65	1.47e-03		19.3	2714.41	763.41	30.07	2595.59	2305.93	1.383e+04
289	24	2.922e+04	6495.87	-0.02	-0.03	38.7	2714.41	692.69	30.07	2593.95	2887.38	2.790e+04
		1.771e+04	4529.57	1.48e-03		0.0	3071.48	-188.48	43.80	-266.72	4537.21	4.166e+04
289	32	2.739e+04	6107.00	-0.01	-0.03	25.4	3071.48	-303.65	43.80	-269.07	5649.05	3.541e+04
		1.726e+04	4728.28	1.55e-03		50.8	3071.48	-419.87	43.80	-271.47	6760.88	2.623e+04
289	33	2.842e+04	3108.83	0.01	-0.03	0.0	1900.99	-92.51	29.02	-356.08	2904.77	2.660e+04
		1.840e+04	1406.48	1.50e-03		25.4	1900.99	-187.53	29.02	-358.19	3641.50	2.304e+04
289	34	2.650e+04	5696.87	0.01	-0.03	50.8	1900.99	-283.26	29.02	-360.38	4378.23	1.707e+04
		1.720e+04	4539.54	1.52e-03		0.0	3041.22	-189.95	42.92	-387.87	4431.86	4.178e+04
289	37	2.839e+04	2863.97	0.01	-0.03	25.4	3041.22	-305.90	42.92	-390.49	5521.43	3.549e+04
		1.842e+04	1203.18	1.54e-03		50.8	3041.22	-422.88	42.92	-393.17	6611.01	2.624e+04
289	55	3.048e+04	6115.16	-0.02	-0.03	0.0	2024.31	-68.48	42.63	-684.90	3589.65	2.980e+04
		1.816e+04	3775.57	1.45e-03		25.4	2024.31	-163.58	42.63	-688.33	4654.55	2.505e+04
289	56	2.969e+04	7167.98	-0.02	-0.03	50.8	2024.31	-259.19	42.63	-691.95	5719.45	1.807e+04
						0.0	1974.22	-75.30	38.89	-549.10	4529.57	2.922e+04
289					-0.03	25.4	1974.22	-168.18	38.89	-549.86	5512.72	2.461e+04
						50.8	1974.22	-261.90	38.89	-550.68	6495.87	1.771e+04
289					-0.03	0.0	1926.35	-106.95	26.46	-84.07	4728.28	2.739e+04
						25.4	1926.35	-196.67	26.46	-81.92	5417.64	2.354e+04
289					-0.03	50.8	1926.35	-287.64	26.46	-79.60	6107.00	1.726e+04
						0.0	2112.45	-103.18	34.22	-507.31	1406.48	2.842e+04
289					-0.03	25.4	2112.45	-200.03	34.22	-513.46	2257.65	2.458e+04
						50.8	2112.45	-297.10	34.22	-519.88	3108.83	1.840e+04
289					-0.03	0.0	1945.49	-125.90	21.74	-54.63	4539.54	2.650e+04
						25.4	1945.49	-215.36	21.74	-51.89	5118.21	2.312e+04
289					-0.03	50.8	1945.49	-306.13	21.74	-48.97	5696.87	1.720e+04
						0.0	2108.92	-103.66	33.46	-425.64	1203.18	2.839e+04
289					-0.03	25.4	2108.92	-200.43	33.46	-432.05	2033.58	2.456e+04
						50.8	2108.92	-297.40	33.46	-438.72	2863.97	1.842e+04
289					-0.03	0.0	2026.05	-55.46	47.01	-823.46	3775.57	3.048e+04
						25.4	2026.05	-151.21	47.01	-827.40	4945.37	2.540e+04
289					-0.03	50.8	2026.05	-247.38	47.01	-831.58	6115.16	1.816e+04
						0.0	1958.14	-64.70	41.93	-639.31	5050.10	2.969e+04

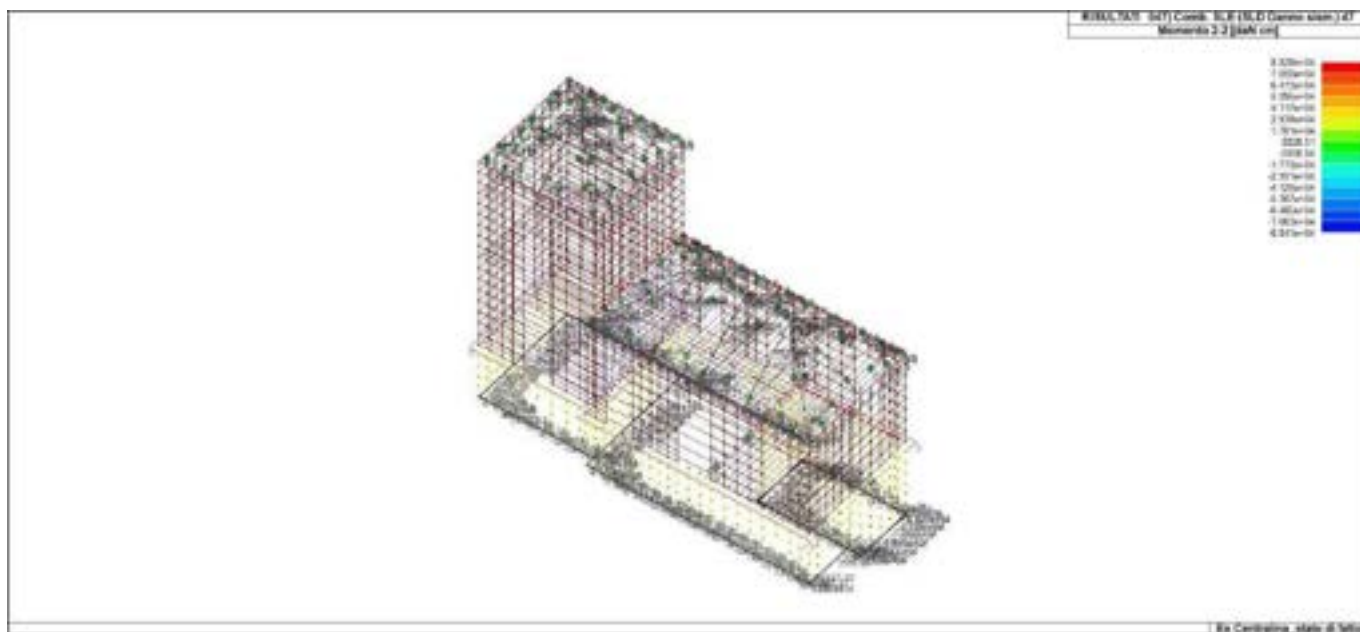
		1.767e+04	5050.10	1.46e-03		25.4	1958.14	-157.44	41.93	-639.64	6109.04	2.481e+04
						50.8	1958.14	-251.05	41.93	-640.01	7167.98	1.767e+04
289	64	2.721e+04	6640.67	-0.01	-0.03	0.0	1893.23	-107.62	25.08	-8.73	5319.56	2.721e+04
		1.705e+04	5319.56	1.56e-03		25.4	1893.23	-196.07	25.08	-5.11	5980.12	2.335e+04
						50.8	1893.23	-285.96	25.08	-1.24	6640.67	1.705e+04
289	65	2.861e+04	2575.15	0.01	-0.03	0.0	2145.57	-102.51	35.61	-582.65	815.20	2.861e+04
		1.861e+04	815.20	1.50e-03		25.4	2145.57	-200.63	35.61	-590.27	1695.18	2.476e+04
						50.8	2145.57	-298.78	35.61	-598.24	2575.15	1.861e+04
289	66	2.599e+04	6084.53	0.01	-0.03	0.0	1919.18	-133.32	18.67	31.18	5063.63	2.599e+04
		1.698e+04	5063.63	1.52e-03		25.4	1919.18	-221.41	18.67	35.61	5574.08	2.279e+04
						50.8	1919.18	-311.02	18.67	40.31	6084.53	1.698e+04
289	69	2.856e+04	2243.13	0.02	-0.03	0.0	2140.79	-103.16	34.57	-471.90	539.53	2.856e+04
		1.862e+04	539.53	1.54e-03		25.4	2140.79	-201.17	34.57	-479.88	1391.33	2.473e+04
						50.8	2140.79	-299.20	34.57	-488.20	2243.13	1.862e+04
289	79	2.697e+04	4443.44	-9.32e-03	-0.03	0.0	1934.14	-96.05	29.41	-338.18	2950.15	2.697e+04
		1.729e+04	2950.15	1.52e-03		25.4	1934.14	-190.56	29.41	-340.27	3696.80	2.333e+04
						50.8	1934.14	-285.78	29.41	-342.42	4443.44	1.729e+04
289	82	3.112e+04	5056.24	-0.01	-0.03	0.0	2283.44	-136.11	32.86	-234.84	3387.91	3.112e+04
		1.965e+04	3387.91	1.59e-03		25.4	2283.44	-225.83	32.86	-236.70	4222.08	2.653e+04
						50.8	2283.44	-316.33	32.86	-238.61	5056.24	1.965e+04
289	85	3.120e+04	4956.33	-0.01	-0.03	0.0	2263.27	-137.09	32.28	-315.61	3317.67	3.120e+04
		1.965e+04	3317.67	1.64e-03		25.4	2263.27	-227.32	32.28	-317.64	4137.00	2.658e+04
						50.8	2263.27	-318.34	32.28	-319.74	4956.33	1.965e+04
289	86	2.697e+04	4443.44	-9.32e-03	-0.03	0.0	1934.14	-96.05	29.41	-338.18	2950.15	2.697e+04
		1.729e+04	2950.15	1.52e-03		25.4	1934.14	-190.56	29.41	-340.27	3696.80	2.333e+04
						50.8	1934.14	-285.78	29.41	-342.42	4443.44	1.729e+04
289	87	2.853e+04	4717.56	-9.75e-03	-0.03	0.0	2076.24	-111.08	30.96	-267.37	3145.53	2.853e+04
		1.819e+04	3145.53	1.53e-03		25.4	2076.24	-203.55	30.96	-269.30	3931.55	2.454e+04
						50.8	2076.24	-296.76	30.96	-271.29	4717.56	1.819e+04
289	91	2.697e+04	4443.44	-9.32e-03	-0.03	0.0	1934.14	-96.05	29.41	-338.18	2950.15	2.697e+04
		1.729e+04	2950.15	1.52e-03		25.4	1934.14	-190.56	29.41	-340.27	3696.80	2.333e+04
						50.8	1934.14	-285.78	29.41	-342.42	4443.44	1.729e+04
289	92	2.791e+04	4607.91	-9.58e-03	-0.03	0.0	2019.40	-105.06	30.34	-295.69	3067.38	2.791e+04
		1.783e+04	3067.38	1.53e-03		25.4	2019.40	-198.35	30.34	-297.69	3837.65	2.406e+04
						50.8	2019.40	-292.37	30.34	-299.74	4607.91	1.783e+04
290	4	2.777e+04	9264.99	-0.02	-0.04	0.0	1602.88	119.11	22.55	-3426.33	8120.37	2.623e+04
		2.623e+04	8120.37	3.47e-03		25.4	1602.88	1.52	22.55	-3429.07	8692.68	2.777e+04
						50.8	1602.88	-117.75	22.55	-3432.45	9264.99	2.630e+04
290	5	1.853e+04	6113.03	-0.01	-0.03	0.0	936.24	105.34	15.30	-2440.36	5336.47	1.707e+04
		1.707e+04	5336.47	2.43e-03		25.4	936.24	8.70	15.30	-2442.81	5724.75	1.852e+04
						50.8	936.24	-89.05	15.30	-2445.71	6113.03	1.750e+04
290	22	1.839e+04	5501.47	0.02	-0.03	0.0	1075.70	78.63	3.16	-2274.23	5241.99	1.757e+04
		1.670e+04	5241.99	2.30e-03		25.4	1075.70	-17.06	3.16	-2276.95	5371.73	1.836e+04
						50.8	1075.70	-114.01	3.16	-2280.07	5501.47	1.670e+04
290	24	1.966e+04	8464.14	-0.02	-0.03	0.0	897.94	122.18	25.84	-2609.40	7132.40	1.771e+04
		1.771e+04	7132.40	2.73e-03		25.4	897.94	25.55	25.84	-2613.36	7798.27	1.958e+04
						50.8	897.94	-72.19	25.84	-2617.75	8464.14	1.899e+04
290	25	1.890e+04	4316.64	0.02	-0.03	0.0	1129.29	82.95	5.99	-2338.82	4032.35	1.795e+04
		1.743e+04	4032.35	2.22e-03		25.4	1129.29	-10.37	5.99	-2339.47	4174.49	1.889e+04
						50.8	1129.29	-104.90	5.99	-2340.63	4316.64	1.743e+04
290	37	1.983e+04	5002.76	0.02	-0.03	0.0	1093.84	100.94	21.98	-2606.29	3973.48	1.842e+04
		1.842e+04	3973.48	2.18e-03		25.4	1093.84	9.77	21.98	-2603.95	4488.12	1.982e+04
						50.8	1093.84	-82.54	21.98	-2602.33	5002.76	1.890e+04
290	39	2.028e+04	6133.42	-0.02	-0.03	0.0	1024.97	116.43	31.13	-2867.30	4861.92	1.842e+04
		1.842e+04	4861.92	2.61e-03		25.4	1024.97	24.62	31.13	-2864.50	5497.67	2.020e+04
						50.8	1024.97	-68.30	31.13	-2862.29	6133.42	1.965e+04
290	54	1.813e+04	5185.02	0.02	-0.03	0.0	1097.80	70.11	-1.37	-2203.07	5120.82	1.747e+04
		1.616e+04	5120.82	2.24e-03		25.4	1097.80	-25.84	-1.37	-2205.94	5152.92	1.805e+04
						50.8	1097.80	-123.08	-1.37	-2209.19	5185.02	1.616e+04
290	56	1.983e+04	9202.39	-0.03	-0.03	0.0	856.76	129.16	29.38	-2657.56	7684.21	1.767e+04
		1.767e+04	7684.21	2.83e-03		25.4	856.76	31.94	29.38	-2662.12	8443.30	1.970e+04
						50.8	856.76	-66.36	29.38	-2667.08	9202.39	1.927e+04
290	57	1.880e+04	3578.39	0.03	-0.03	0.0	1170.47	75.97	2.45	-2290.65	3480.54	1.799e+04
		1.715e+04	3480.54	2.13e-03		25.4	1170.47	-16.77	2.45	-2290.71	3529.46	1.876e+04
						50.8	1170.47	-110.73	2.45	-2291.30	3578.39	1.715e+04
290	69	2.005e+04	4508.77	0.02	-0.03	0.0	1122.40	100.36	24.13	-2653.35	3400.72	1.862e+04
		1.862e+04	3400.72	2.08e-03		25.4	1122.40	10.54	24.13	-2649.35	3954.74	2.003e+04
						50.8	1122.40	-80.40	24.13	-2646.16	4508.77	1.914e+04
290	71	2.067e+04	6041.94	-0.02	-0.03	0.0	1029.01	121.37	36.55	-3007.28	4605.44	1.863e+04
		1.863e+04	4605.44	2.66e-03		25.4	1029.01	30.68	36.55	-3002.66	5323.69	2.054e+04
						50.8	1029.01	-61.09	36.55	-2998.67	6041.94	2.016e+04
290	79	1.873e+04	6192.66	-0.01	-0.03	0.0	957.50	104.57	15.49	-2449.95	5406.37	1.729e+04
		1.729e+04	5406.37	2.44e-03		25.4	957.50	8.41	15.49	-2452.36	5799.52	1.872e+04
						50.8	957.50	-88.87	15.49	-2455.23	6192.66	1.771e+04
290	82	2.087e+04	6949.26	-0.02	-0.03	0.0	1182.08	93.86	16.97	-2604.49	6087.83	1.965e+04
		1.965e+04	6087.83	2.63e-03		25.4	1182.08	2.32	16.97	-2606.66	6518.55	2.087e+04
						50.8	1182.08	-90.47	16.97	-2609.31	6949.26	1.976e+04

290	86	1.873e+04 1.729e+04	6192.66 5406.37	-0.01 2.44e-03	-0.03	0.0 25.4 50.8	957.50 957.50 957.50	104.57 8.41 -88.87	15.49 15.49 15.49	-2449.95 -2452.36 -2455.23	5406.37 5799.52 6192.66	1.729e+04 1.872e+04 1.771e+04
290	87	1.957e+04 1.819e+04	6522.21 5699.71	-0.02 2.50e-03	-0.03	0.0 25.4 50.8	1051.03 1051.03 1051.03	101.23 7.04 -88.33	16.20 16.20 16.20	-2490.21 -2492.46 -2495.16	5699.71 6110.96 6522.21	1.819e+04 1.957e+04 1.854e+04
290	91	1.873e+04 1.729e+04	6192.66 5406.37	-0.01 2.44e-03	-0.03	0.0 25.4 50.8	957.50 957.50 957.50	104.57 8.41 -88.87	15.49 15.49 15.49	-2449.95 -2452.36 -2455.23	5406.37 5799.52 6192.66	1.729e+04 1.872e+04 1.771e+04
290	92	1.924e+04 1.783e+04	6390.39 5582.37	-0.02 2.48e-03	-0.03	0.0 25.4 50.8	1013.62 1013.62 1013.62	102.57 7.59 -88.55	15.92 15.92 15.92	-2474.11 -2476.42 -2479.19	5582.37 5986.38 6390.39	1.783e+04 1.923e+04 1.821e+04
291	1	2.322e+04 1.243e+04	1.117e+04 8587.34	0.03 6.45e-03	-0.03	0.0 31.7 63.5	-596.01 -596.01 -596.01	-9.55 -169.49 -332.58	-40.73 -40.73 -40.73	-5802.76 -5808.61 -5816.14	1.117e+04 9879.55 8587.34	2.322e+04 2.039e+04 1.243e+04
291	4	2.630e+04 1.438e+04	1.263e+04 9636.88	0.04 7.13e-03	-0.04	0.0 31.7 63.5	-499.01 -499.01 -499.01	-35.41 -187.26 -342.67	-47.11 -47.11 -47.11	-6328.25 -6333.80 -6341.19	1.263e+04 1.113e+04 9636.88	2.630e+04 2.277e+04 1.438e+04
291	5	1.750e+04 9318.14	8419.49 6473.68	0.02 4.89e-03	-0.03	0.0 31.7 63.5	-468.73 -468.73 -468.73	-4.53 -128.56 -254.96	-30.66 -30.66 -30.66	-4412.44 -4416.99 -4422.83	8419.49 7446.58 6473.68	1.750e+04 1.540e+04 9318.14
291	8	2.058e+04 1.126e+04	9874.17 7523.21	0.03 5.57e-03	-0.03	0.0 31.7 63.5	-371.73 -371.73 -371.73	-30.39 -146.33 -265.05	-37.05 -37.05 -37.05	-4937.92 -4942.18 -4947.87	9874.17 8698.69 7523.21	2.058e+04 1.778e+04 1.126e+04
291	19	1.972e+04 1.048e+04	9637.49 8843.45	-0.03 5.16e-03	-0.03	0.0 31.7 63.5	-751.74 -751.74 -751.74	13.90 -107.56 -231.13	-13.62 -13.62 -13.62	-4913.93 -4917.49 -4922.49	9637.49 9240.47 8843.45	1.972e+04 1.677e+04 1.048e+04
291	24	1.899e+04 9823.25	1.078e+04 9447.48	-0.03 5.82e-03	-0.03	0.0 31.7 63.5	-768.61 -768.61 -768.61	12.53 -110.24 -235.57	-24.94 -24.94 -24.94	-4469.68 -4477.53 -4486.68	1.078e+04 1.011e+04 9447.48	1.899e+04 1.593e+04 9823.25
291	27	1.962e+04 1.068e+04	1.022e+04 9589.12	-0.03 5.68e-03	-0.03	0.0 31.7 63.5	-805.29 -805.29 -805.29	15.17 -105.83 -228.91	-11.01 -11.01 -11.01	-4809.00 -4811.51 -4815.43	1.022e+04 9903.91 9589.12	1.962e+04 1.664e+04 1.068e+04
291	30	1.682e+04 8927.50	7305.82 3868.69	0.03 4.38e-03	-0.03	0.0 31.7 63.5	-83.44 -83.44 -83.44	-34.95 -158.13 -284.14	-53.07 -53.07 -53.07	-4216.14 -4222.45 -4229.98	7305.82 5587.26 3868.69	1.680e+04 1.529e+04 8927.50
291	38	1.686e+04 8124.66	9364.89 6520.21	0.03 5.34e-03	-0.02	0.0 31.7 63.5	-301.90 -301.90 -301.90	-21.61 -148.01 -276.99	-58.72 -58.72 -58.72	-3961.84 -3975.62 -3990.55	9364.89 7942.55 6520.21	1.686e+04 1.466e+04 8124.66
291	51	2.025e+04 1.071e+04	9949.07 9596.23	-0.03 5.20e-03	-0.03	0.0 31.7 63.5	-861.17 -861.17 -861.17	22.37 -98.86 -222.08	-7.06 -7.06 -7.06	-5056.81 -5060.07 -5064.81	9949.07 9772.65 9596.23	2.025e+04 1.706e+04 1.071e+04
291	56	1.927e+04 9829.40	1.149e+04 1.042e+04	-0.04 6.10e-03	-0.03	0.0 31.7 63.5	-884.05 -884.05 -884.05	20.51 -102.49 -228.10	-22.41 -22.41 -22.41	-4454.41 -4463.49 -4473.86	1.149e+04 1.095e+04 1.042e+04	1.927e+04 1.593e+04 9829.40
291	59	2.012e+04 1.100e+04	1.074e+04 1.061e+04	-0.04 5.91e-03	-0.03	0.0 31.7 63.5	-933.78 -933.78 -933.78	24.09 -96.53 -219.08	-3.52 -3.52 -3.52	-4914.53 -4916.36 -4919.63	1.074e+04 1.067e+04 1.061e+04	2.012e+04 1.688e+04 1.100e+04
291	62	1.635e+04 8614.76	6787.33 2850.46	0.04 4.15e-03	-0.03	0.0 31.7 63.5	45.05 45.05 45.05	-43.88 -167.43 -293.97	-60.56 -60.56 -60.56	-4110.61 -4117.60 -4125.77	6787.33 4818.89 2850.46	1.629e+04 1.505e+04 8614.76
291	70	1.639e+04 7526.14	9579.42 6445.91	0.03 5.45e-03	-0.02	0.0 31.7 63.5	-251.18 -251.18 -251.18	-25.77 -153.72 -284.27	-68.21 -68.21 -68.21	-3765.78 -3782.90 -3801.10	9579.42 8012.66 6445.91	1.639e+04 1.420e+04 7526.14
291	79	1.771e+04 9457.15	8517.94 6548.27	0.03 4.93e-03	-0.03	0.0 31.7 63.5	-462.93 -462.93 -462.93	-6.12 -129.59 -255.45	-31.04 -31.04 -31.04	-4441.39 -4445.91 -4451.72	8517.94 7533.10 6548.27	1.771e+04 1.556e+04 9457.15
291	82	1.976e+04 1.075e+04	9487.72 7247.96	0.03 5.38e-03	-0.03	0.0 31.7 63.5	-398.26 -398.26 -398.26	-23.36 -141.44 -262.18	-35.29 -35.29 -35.29	-4791.72 -4796.04 -4801.75	9487.72 8367.84 7247.96	1.976e+04 1.715e+04 1.075e+04
291	86	1.771e+04 9457.15	8517.94 6548.27	0.03 4.93e-03	-0.03	0.0 31.7 63.5	-462.93 -462.93 -462.93	-6.12 -129.59 -255.45	-31.04 -31.04 -31.04	-4441.39 -4445.91 -4451.72	8517.94 7533.10 6548.27	1.771e+04 1.556e+04 9457.15
291	87	1.854e+04 1.004e+04	8925.16 6849.33	0.03 5.10e-03	-0.03	0.0 31.7 63.5	-431.99 -431.99 -431.99	-12.41 -133.57 -257.25	-32.71 -32.71 -32.71	-4560.02 -4564.36 -4570.02	8925.16 7887.24 6849.33	1.854e+04 1.623e+04 1.004e+04
291	91	1.771e+04 9457.15	8517.94 6548.27	0.03 4.93e-03	-0.03	0.0 31.7 63.5	-462.93 -462.93 -462.93	-6.12 -129.59 -255.45	-31.04 -31.04 -31.04	-4441.39 -4445.91 -4451.72	8517.94 7533.10 6548.27	1.771e+04 1.556e+04 9457.15
291	92	1.821e+04 9805.99	8762.27 6728.91	0.03 5.03e-03	-0.03	0.0 31.7 63.5	-444.37 -444.37 -444.37	-9.89 -131.98 -256.53	-32.04 -32.04 -32.04	-4512.57 -4516.98 -4522.70	8762.27 7745.59 6728.91	1.821e+04 1.596e+04 9805.99
292	4	1.438e+04 -6.065e+04	1.476e+04 400.37	0.03 6.09e-03	-0.03	0.0 20.0 40.0	-2837.11 -2837.11 -2837.11	-1775.51 -1875.47 -1976.95	-358.88 -358.88 -358.88	-6311.22 -6316.83 -6323.16	1.476e+04 7577.91 400.37	1.438e+04 -2.213e+04 -6.065e+04
292	5	9318.08 -4.125e+04	1.003e+04 205.91	0.02 4.15e-03	-0.02	0.0 20.0	-2037.39 -2037.39	-1183.03 -1264.03	-245.54 -245.54	-4452.26 -4456.60	1.003e+04 5116.65	9318.08 -1.515e+04

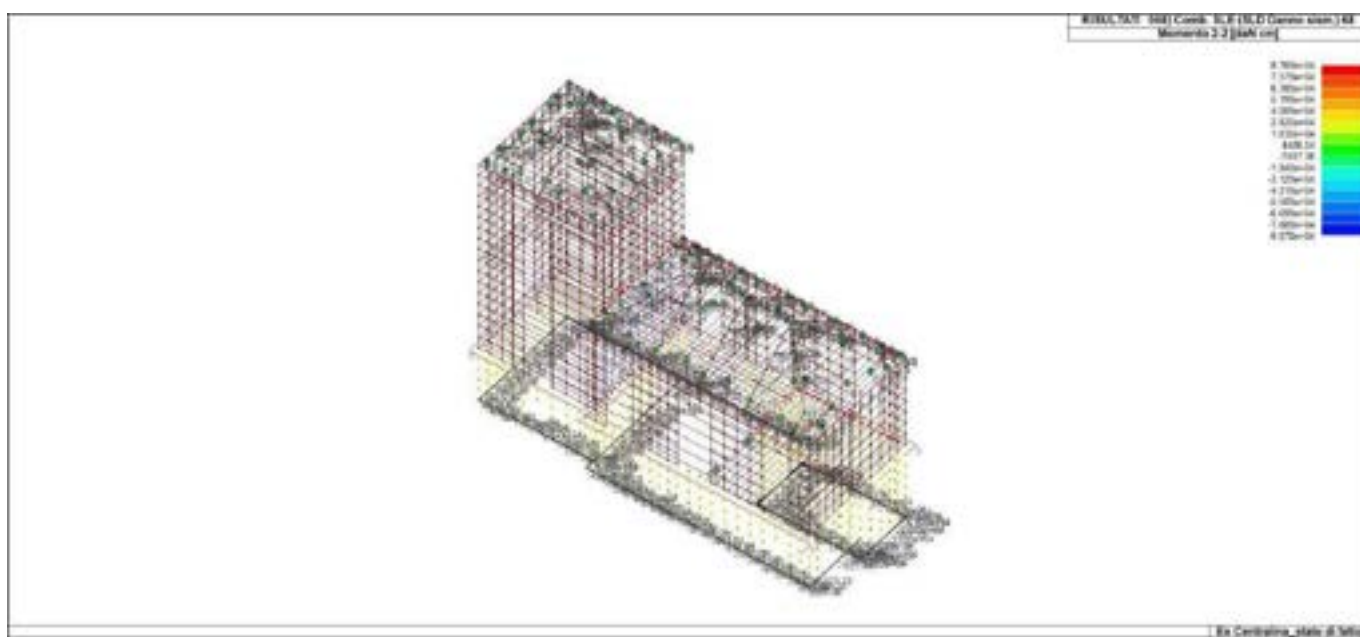
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		-6.039e+04	281.78	6.08e-03		0.0	-2852.42	-1760.28	-359.68	-6395.53	1.467e+04	1.405e+04
						20.0	-2852.42	-1860.75	-359.68	-6401.42	7475.34	-2.216e+04
292	12	9715.69	1.058e+04	0.02	-0.02	40.0	-2852.42	-1962.74	-359.68	-6408.04	281.78	-6.039e+04
		-4.365e+04	67.91	4.43e-03		0.0	-2136.06	-1254.35	-262.85	-4797.89	1.058e+04	9715.69
						20.0	-2136.06	-1334.02	-262.85	-4802.67	5324.94	-1.617e+04
292	22	9136.33	8562.51	0.02	-0.02	40.0	-2136.06	-1414.78	-262.85	-4807.99	67.91	-4.365e+04
		-5.063e+04	-2834.69	4.28e-03		0.0	-1504.84	-1434.83	-280.17	-3958.42	8562.51	9136.33
						20.0	-1504.84	-1513.96	-280.17	-3963.17	2863.91	-1.955e+04
292	27	1.068e+04	1.284e+04	-0.02	-0.03	40.0	-1504.84	-1594.14	-280.17	-3968.39	-2834.69	-5.063e+04
		-3.491e+04	3841.28	5.04e-03		0.0	-2716.43	-1039.06	-228.45	-5064.27	1.284e+04	1.068e+04
						20.0	-2716.43	-1119.39	-228.45	-5067.14	8339.75	-1.170e+04
292	28	9884.61	1.314e+04	-0.02	-0.02	40.0	-2716.43	-1200.81	-228.45	-5070.59	3841.28	-3.491e+04
		-3.742e+04	2323.13	4.98e-03		0.0	-2601.38	-1122.56	-262.87	-4488.16	1.314e+04	9884.61
						20.0	-2601.38	-1201.50	-262.87	-4494.12	7730.32	-1.260e+04
292	30	8927.43	7901.48	0.02	-0.02	40.0	-2601.38	-1281.56	-262.87	-4500.61	2323.13	-3.742e+04
		-5.037e+04	-3331.71	3.53e-03		0.0	-1426.09	-1422.92	-277.31	-4006.46	7901.48	8927.43
						20.0	-1426.09	-1502.37	-277.31	-4012.16	2284.89	-1.952e+04
292	35	1.149e+04	1.071e+04	-0.02	-0.03	40.0	-1426.09	-1582.87	-277.31	-4018.32	-3331.71	-5.037e+04
		-3.711e+04	3319.47	4.20e-03		0.0	-2376.62	-1055.84	-189.35	-5561.14	1.071e+04	1.149e+04
						20.0	-2376.62	-1138.31	-189.35	-5559.49	7015.77	-1.349e+04
292	54	8897.97	7919.10	0.02	-0.02	40.0	-2376.62	-1221.79	-189.35	-5558.47	3319.47	-3.711e+04
		-5.347e+04	-3934.55	4.28e-03		0.0	-1303.19	-1507.39	-289.88	-3753.02	7919.10	8897.97
						20.0	-1303.19	-1586.26	-289.88	-3757.95	1992.28	-2.096e+04
292	59	1.100e+04	1.372e+04	-0.03	-0.03	40.0	-1303.19	-1666.16	-289.88	-3763.31	-3934.55	-5.347e+04
		-3.215e+04	5118.08	5.30e-03		0.0	-2946.11	-970.73	-219.75	-5252.56	1.372e+04	1.100e+04
						20.0	-2946.11	-1051.22	-219.75	-5254.92	9417.52	-1.030e+04
292	60	9912.63	1.412e+04	-0.03	-0.02	40.0	-2946.11	-1132.81	-219.75	-5257.89	5118.08	-3.215e+04
		-3.557e+04	3059.47	5.22e-03		0.0	-2790.10	-1083.96	-266.43	-4471.35	1.412e+04	9912.63
						20.0	-2790.10	-1162.55	-266.43	-4477.92	8591.13	-1.153e+04
292	62	8614.70	7022.74	0.03	-0.02	40.0	-2790.10	-1242.30	-266.43	-4485.00	3059.47	-3.557e+04
		-5.312e+04	-4608.50	3.26e-03		0.0	-1196.41	-1491.25	-286.00	-3818.17	7022.74	8614.70
						20.0	-1196.41	-1570.54	-286.00	-3824.37	1207.12	-2.092e+04
292	67	1.209e+04	1.083e+04	-0.02	-0.03	40.0	-1196.41	-1650.87	-286.00	-3831.02	-4608.50	-5.312e+04
		-3.514e+04	4410.49	4.17e-03		0.0	-2485.33	-993.49	-166.73	-5926.32	1.083e+04	1.209e+04
						20.0	-2485.33	-1076.88	-166.73	-5922.55	7622.20	-1.274e+04
292	79	9457.09	1.013e+04	0.02	-0.02	40.0	-2485.33	-1161.25	-166.73	-5919.46	4410.49	-3.514e+04
		-4.166e+04	221.73	4.19e-03		0.0	-2048.58	-1197.06	-247.64	-4476.36	1.013e+04	9457.09
						20.0	-2048.58	-1277.74	-247.64	-4480.69	5174.51	-1.529e+04
292	82	1.075e+04	1.112e+04	0.02	-0.03	40.0	-2048.58	-1359.46	-247.64	-4485.53	221.73	-4.166e+04
		-4.572e+04	285.93	4.59e-03		0.0	-2157.09	-1333.93	-270.87	-4788.26	1.112e+04	1.075e+04
						20.0	-2157.09	-1411.54	-270.87	-4792.58	5703.30	-1.670e+04
292	83	9722.17	1.050e+04	0.02	-0.02	40.0	-2157.09	-1490.29	-270.87	-4797.46	285.93	-4.572e+04
		-4.326e+04	129.73	4.37e-03		0.0	-2114.36	-1244.61	-259.18	-4706.78	1.050e+04	9722.17
						20.0	-2114.36	-1324.40	-259.18	-4711.40	5313.37	-1.597e+04
292	85	1.054e+04	1.106e+04	0.02	-0.03	40.0	-2114.36	-1405.27	-259.18	-4716.56	129.73	-4.326e+04
		-4.554e+04	206.87	4.59e-03		0.0	-2167.30	-1323.77	-271.40	-4844.47	1.106e+04	1.054e+04
						20.0	-2167.30	-1401.73	-271.40	-4848.98	5634.92	-1.672e+04
292	86	9457.09	1.013e+04	0.02	-0.02	40.0	-2167.30	-1480.82	-271.40	-4854.05	206.87	-4.554e+04
		-4.166e+04	221.73	4.19e-03		0.0	-2048.58	-1197.06	-247.64	-4476.36	1.013e+04	9457.09
						20.0	-2048.58	-1277.74	-247.64	-4480.69	5174.51	-1.529e+04
292	87	1.004e+04	1.053e+04	0.02	-0.02	40.0	-2048.58	-1359.46	-247.64	-4485.53	221.73	-4.166e+04
		-4.329e+04	276.83	4.34e-03		0.0	-2086.39	-1253.61	-256.37	-4574.70	1.053e+04	1.004e+04
						20.0	-2086.39	-1332.97	-256.37	-4578.96	5404.19	-1.583e+04
292	88	9510.11	1.020e+04	0.02	-0.02	40.0	-2086.39	-1413.42	-256.37	-4583.74	276.83	-4.329e+04
		-4.198e+04	203.33	4.23e-03		0.0	-2061.73	-1206.57	-249.95	-4522.44	1.020e+04	9510.11
						20.0	-2061.73	-1287.08	-249.95	-4526.83	5202.28	-1.542e+04
292	91	9457.09	1.013e+04	0.02	-0.02	40.0	-2061.73	-1368.62	-249.95	-4531.74	203.33	-4.198e+04
		-4.166e+04	221.73	4.19e-03		0.0	-2048.58	-1197.06	-247.64	-4476.36	1.013e+04	9457.09
						20.0	-2048.58	-1277.74	-247.64	-4480.69	5174.51	-1.529e+04
292	92	9805.93	1.037e+04	0.02	-0.02	40.0	-2048.58	-1359.46	-247.64	-4485.53	221.73	-4.166e+04
		-4.264e+04	254.79	4.28e-03		0.0	-2071.26	-1230.99	-252.88	-4535.36	1.037e+04	9805.93
						20.0	-2071.26	-1310.88	-252.88	-4539.65	5312.32	-1.561e+04
						40.0	-2071.26	-1391.84	-252.88	-4544.46	254.79	-4.264e+04

Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-1.568e+05	-1.101e+05	-0.21	-4.93	-4996.38	-7161.88	-1452.17	-3.027e+04
	1.214e+05	1.085e+05	0.21	-0.02	5516.44	7565.77	1461.90	4.418e+04

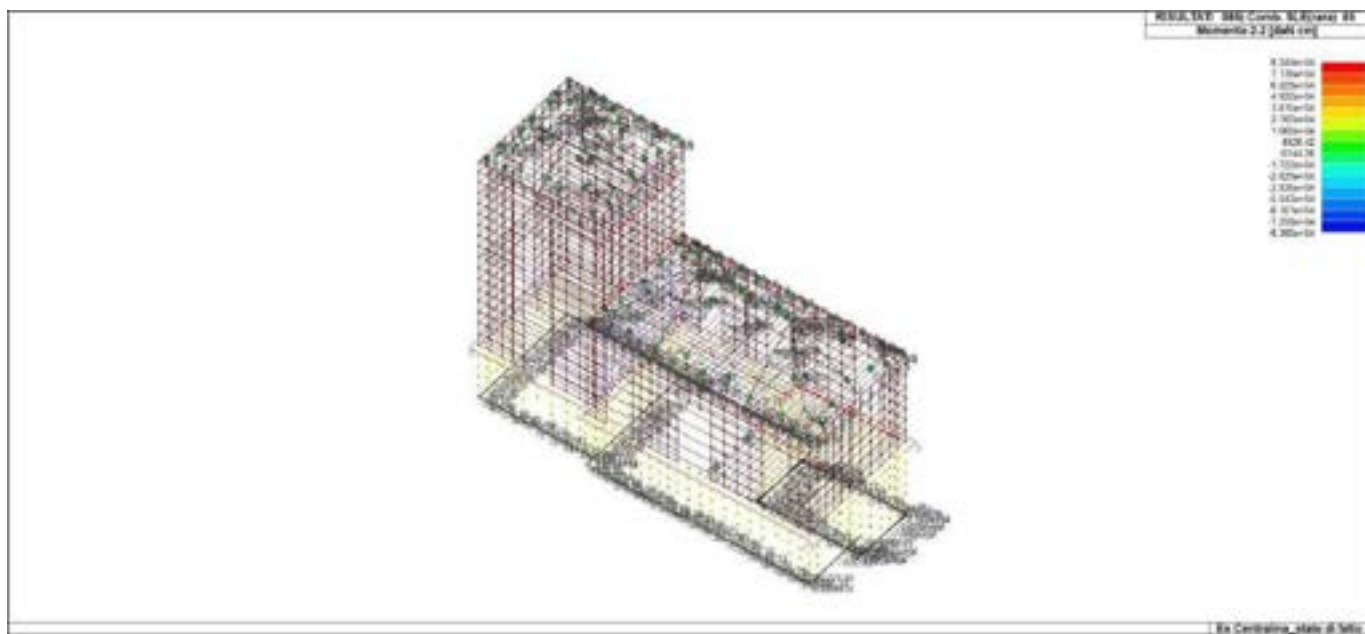




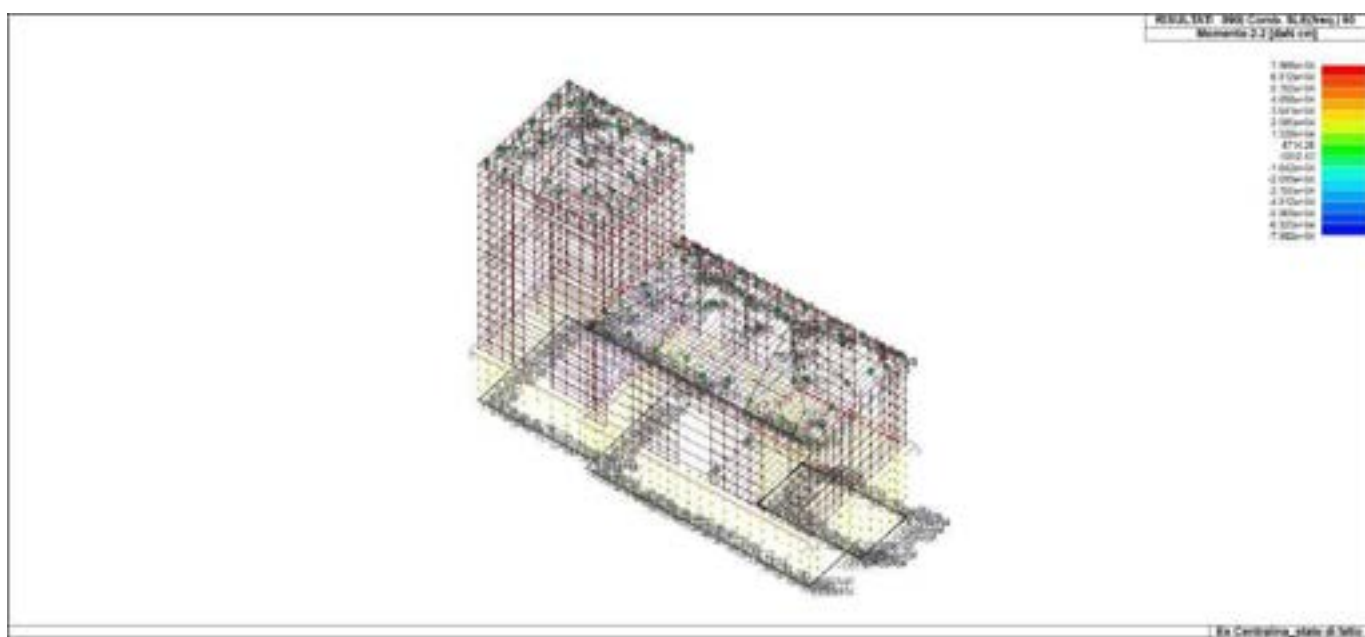
43_RIS_M2_047_Comb SLE SLD Danno sism 47



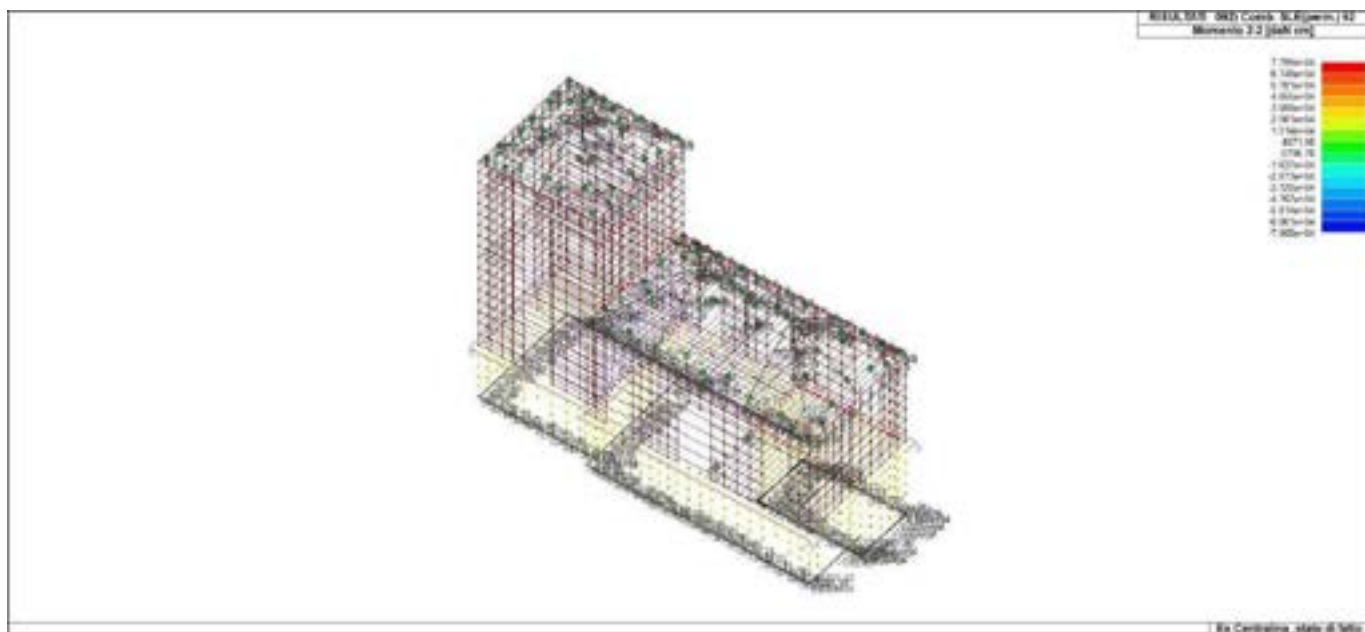
43_RIS_M2_068_Comb SLE SLD Danno sism 68



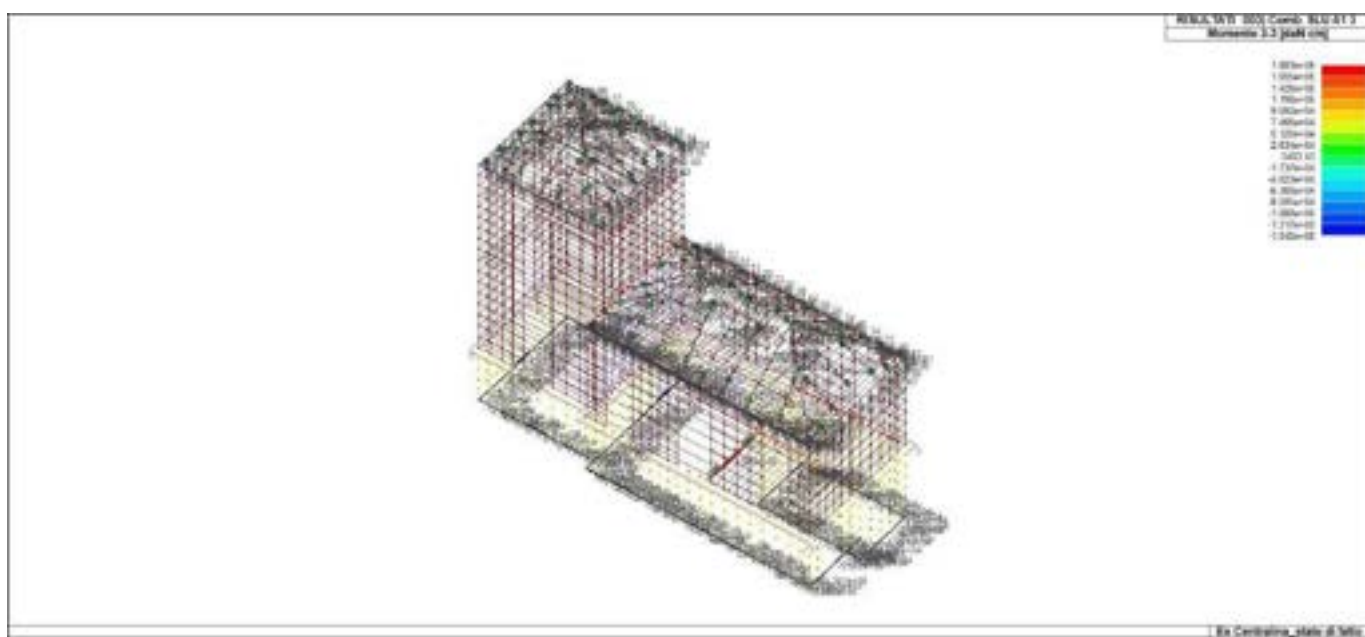
43_RIS_M2_085_Comb SLErara 85



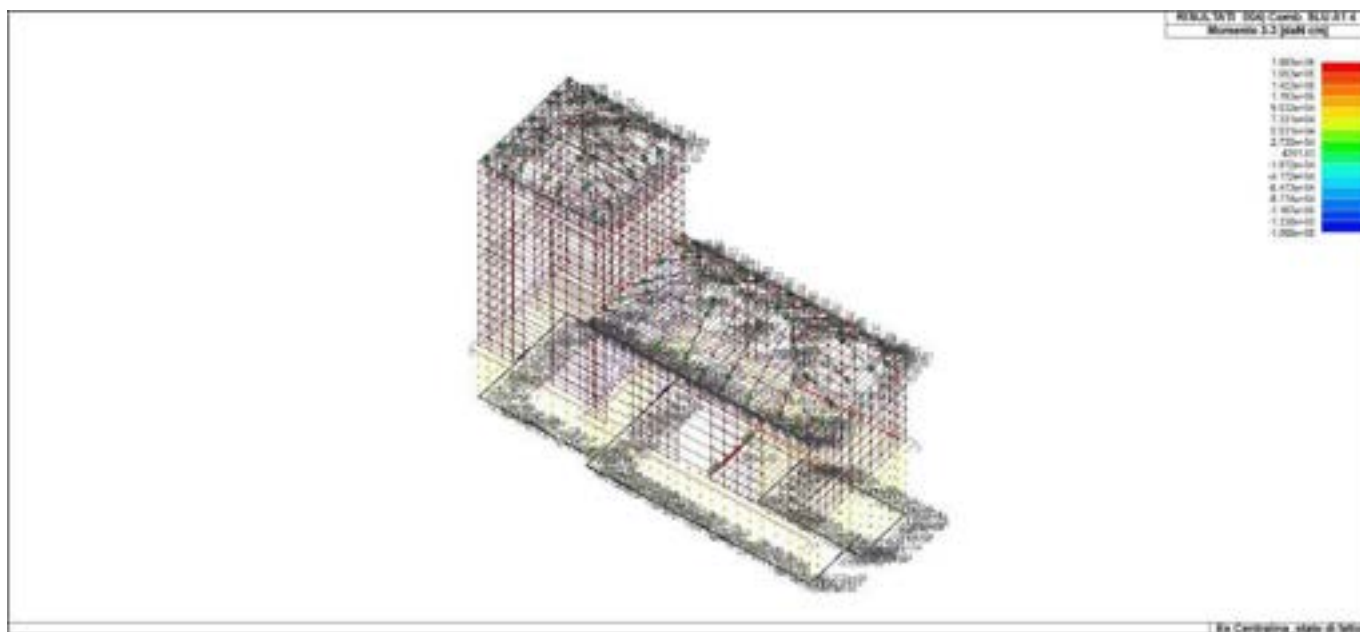
43_RIS_M2_090_Comb SLEfreq 90



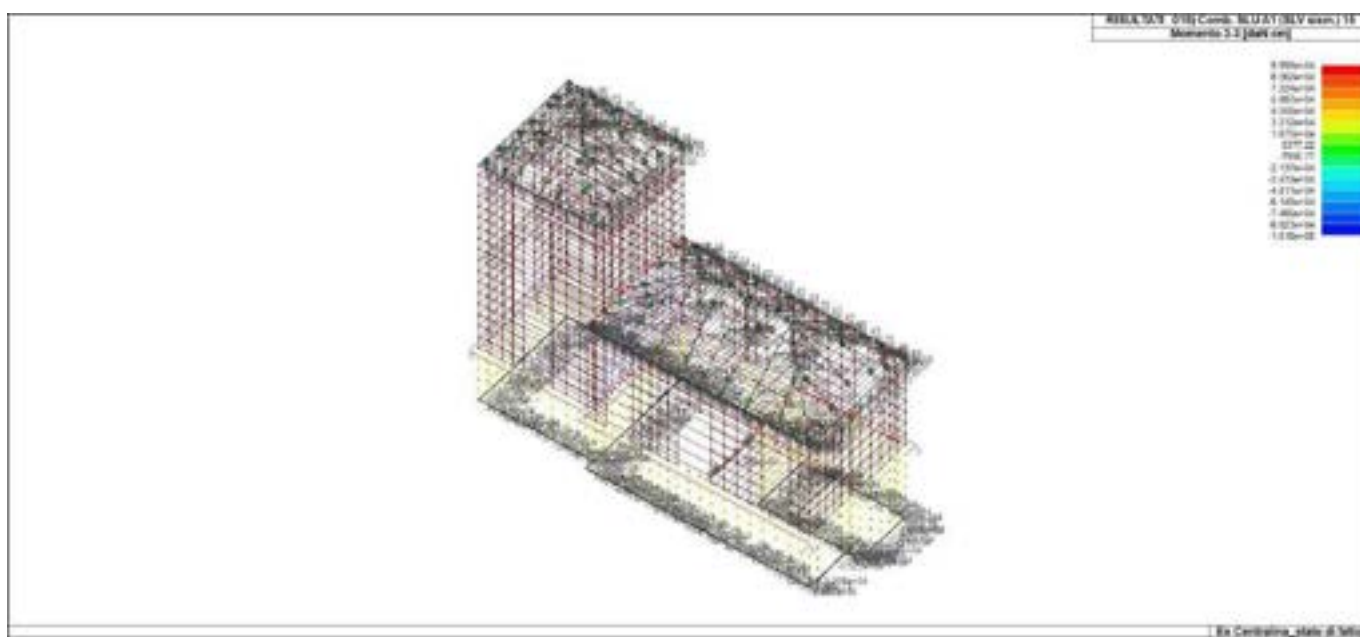
43_RIS_M2_092_Comb SLEperm 92



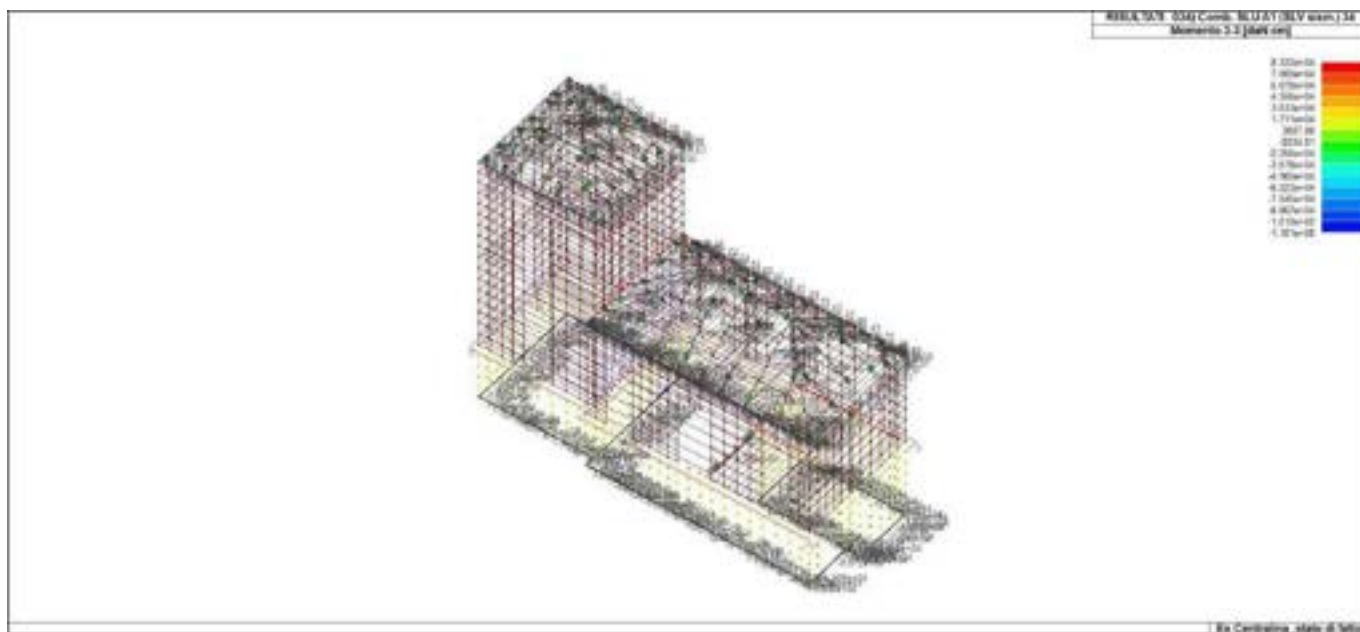
43_RIS_M3_003_Comb SLU A1 3



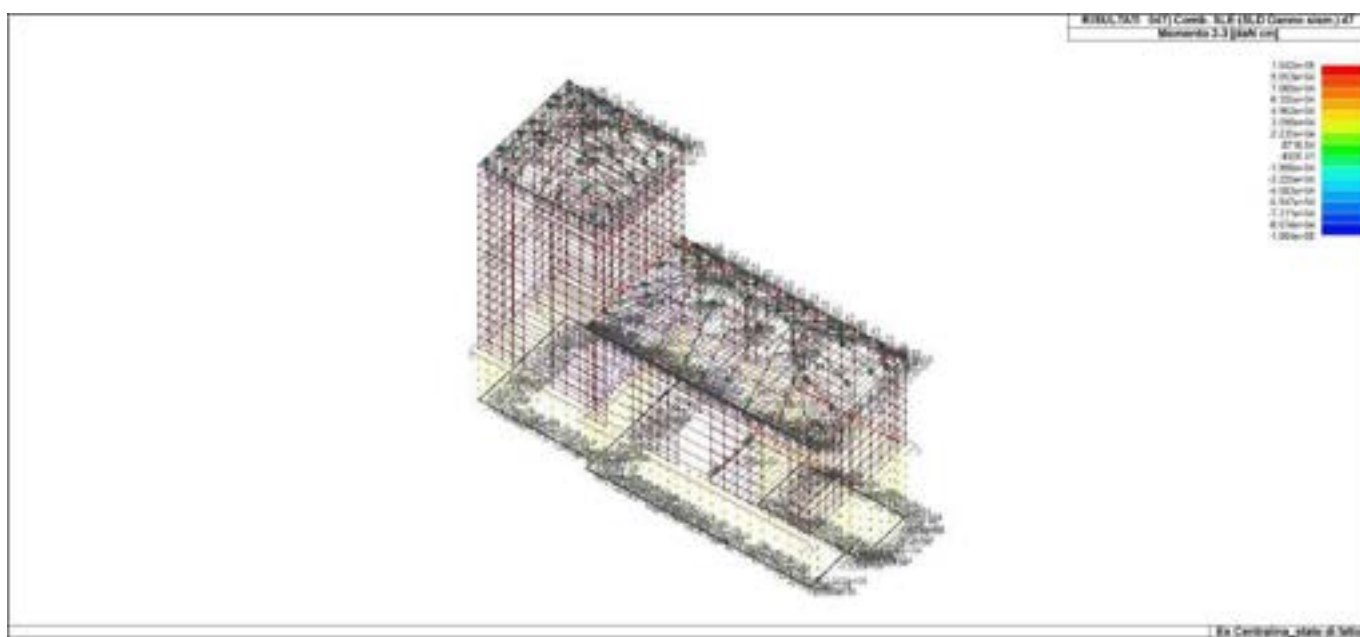
43_RIS_M3_004_Comb SLU A1 4



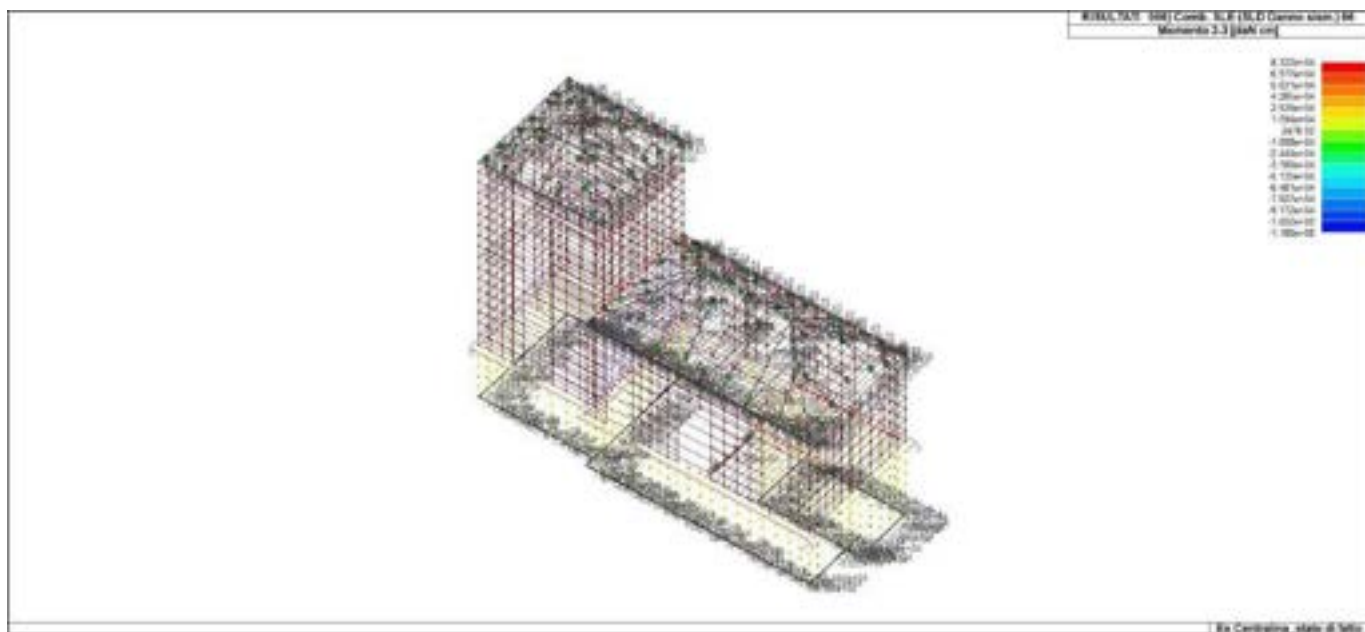
43_RIS_M3_015_Comb SLU A1 SLV sism 15



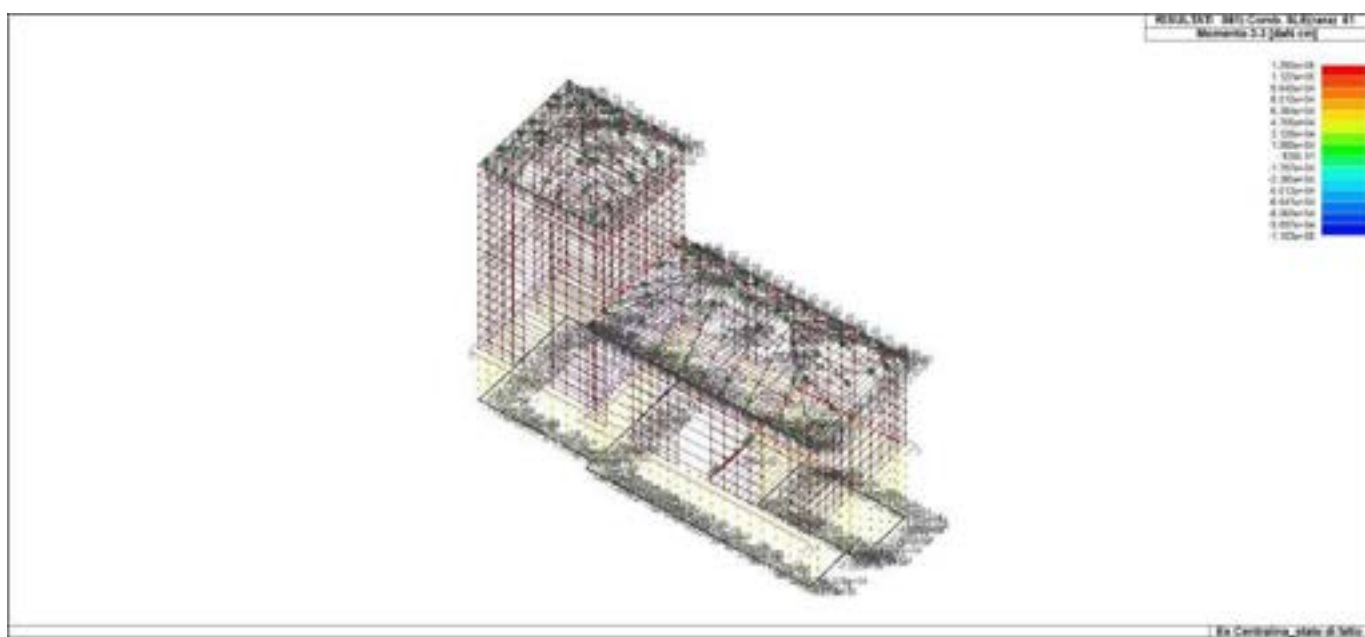
43_RIS_M3_034_Comb SLU A1 SLV sism 34



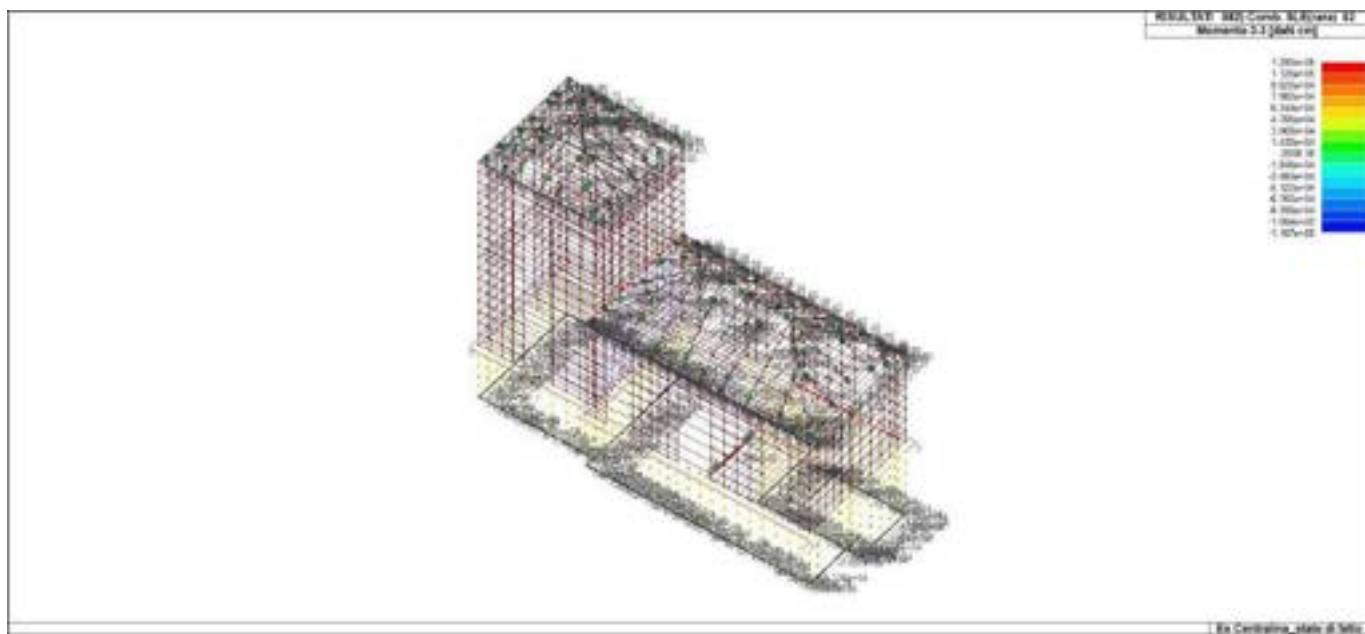
43_RIS_M3_047_Comb SLE SLD Danno sism 47



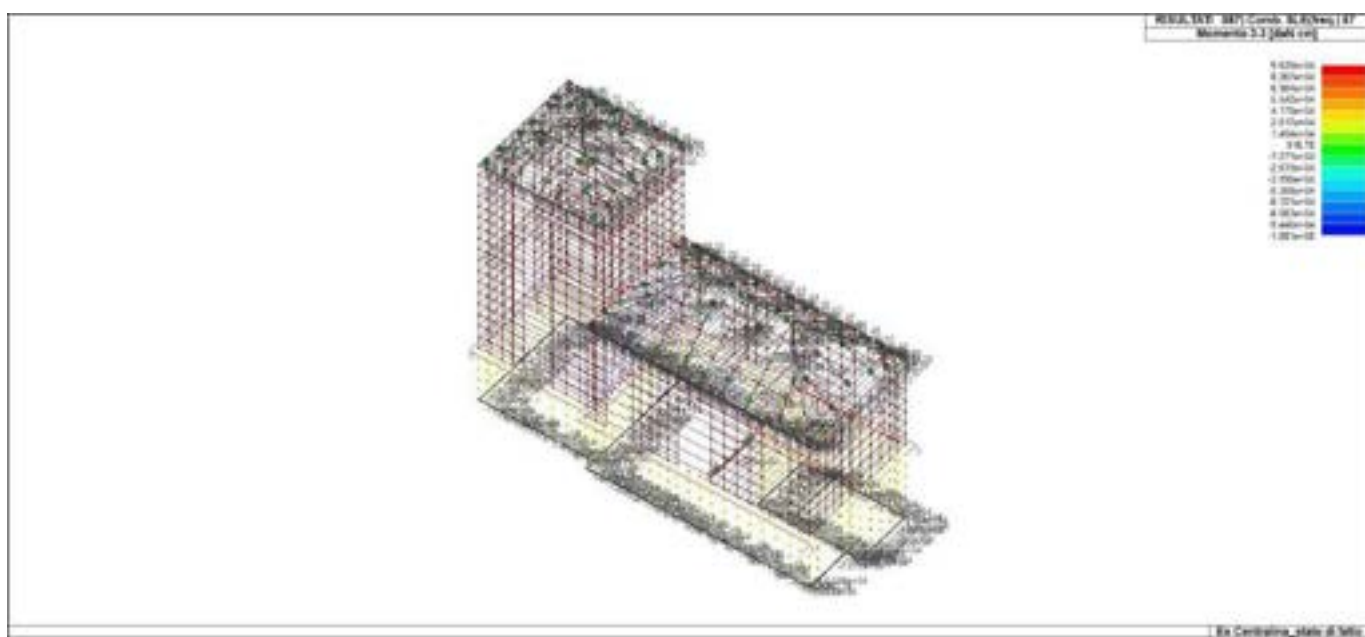
43_RIS_M3_066_Comb SLE SLD Danno sism 66



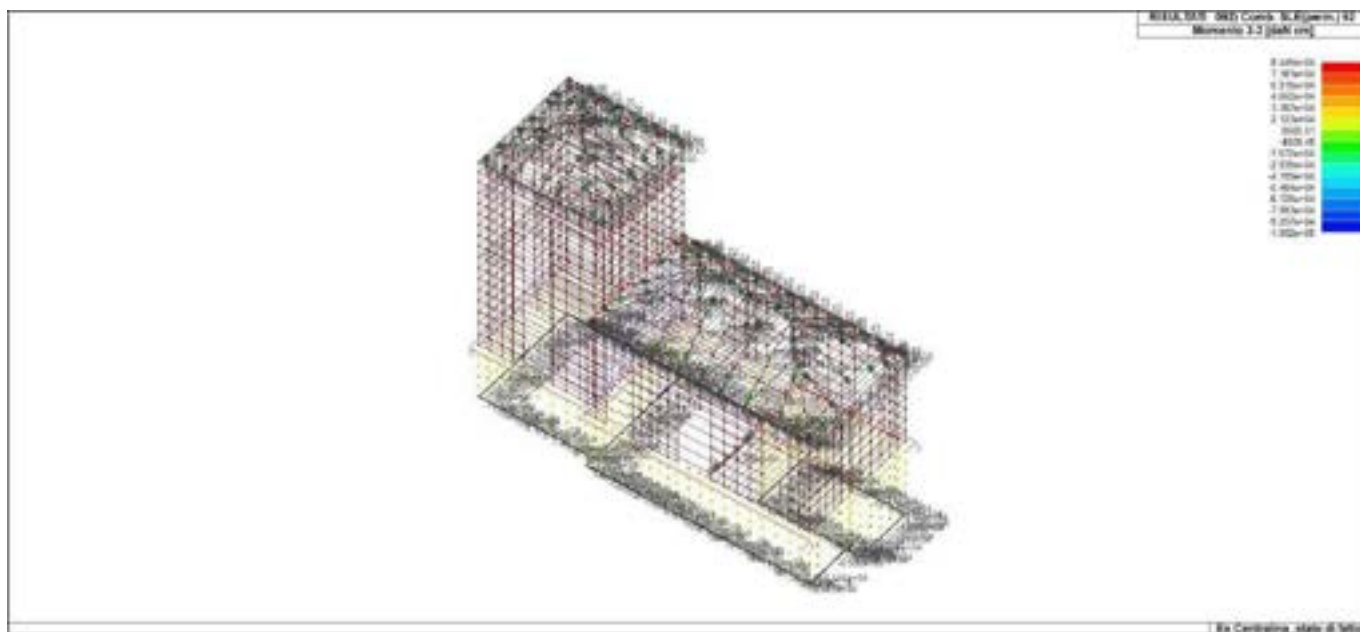
43_RIS_M3_081_Comb SLErara 81



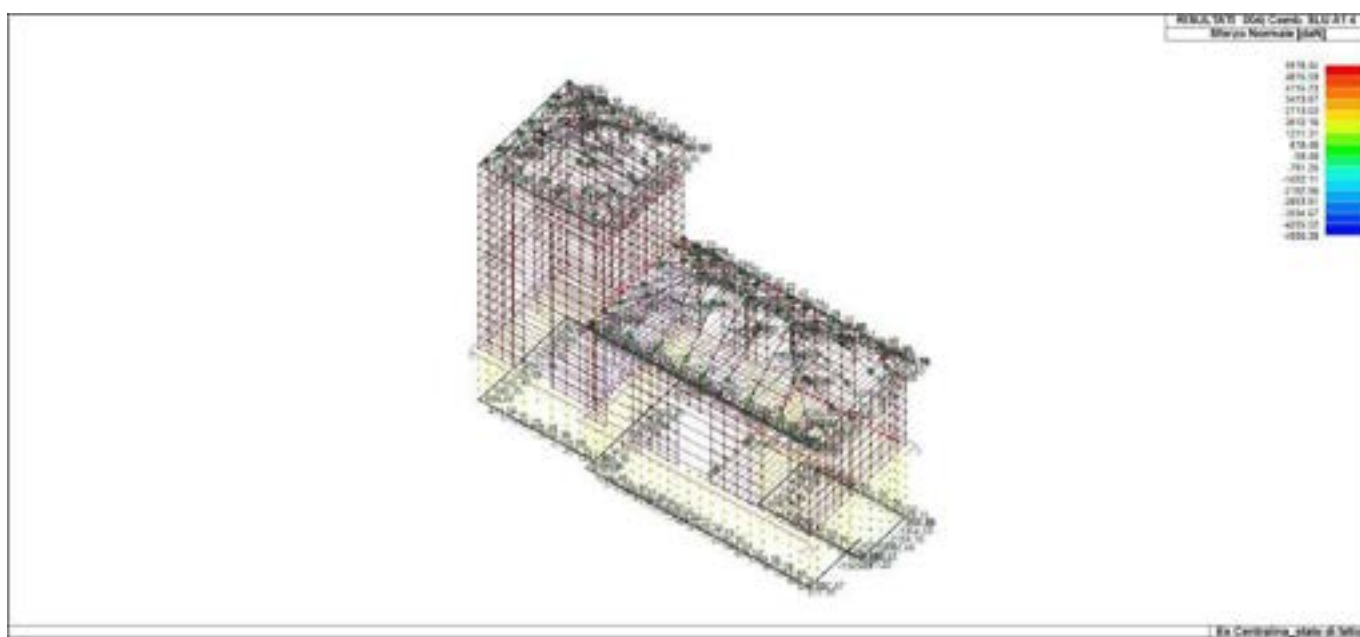
43_RIS_M3_082_Comb SLErara 82



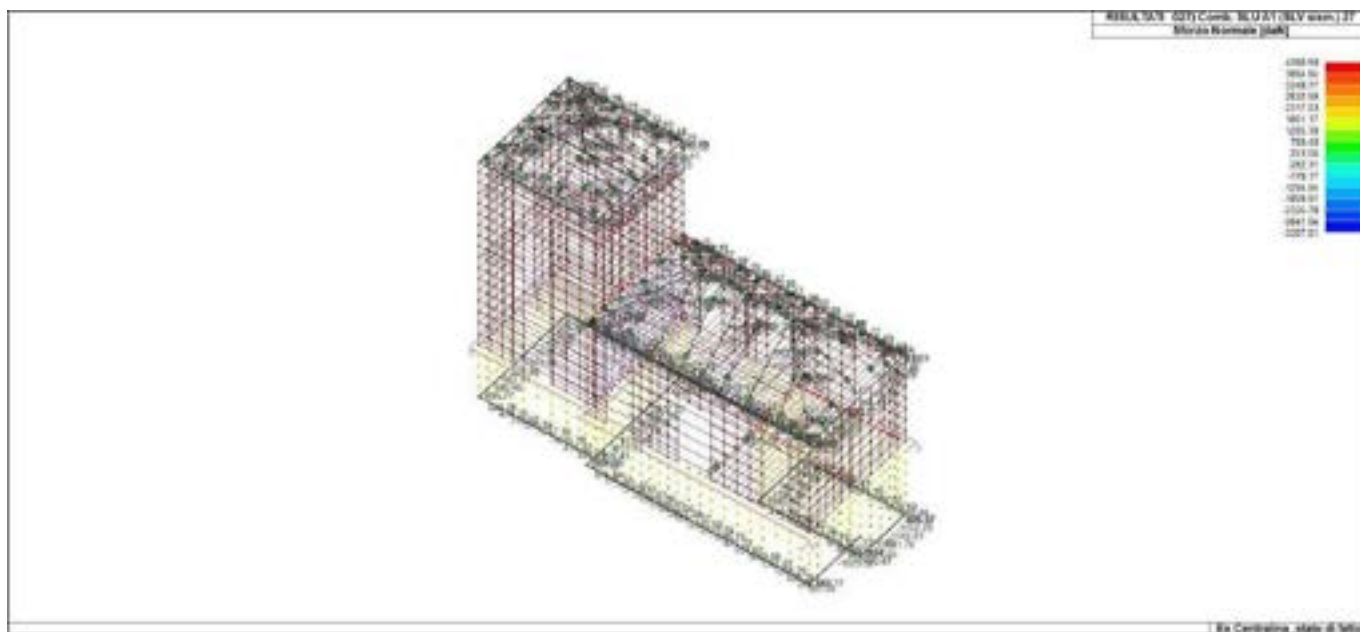
43_RIS_M3_087_Comb SLEfreq 87



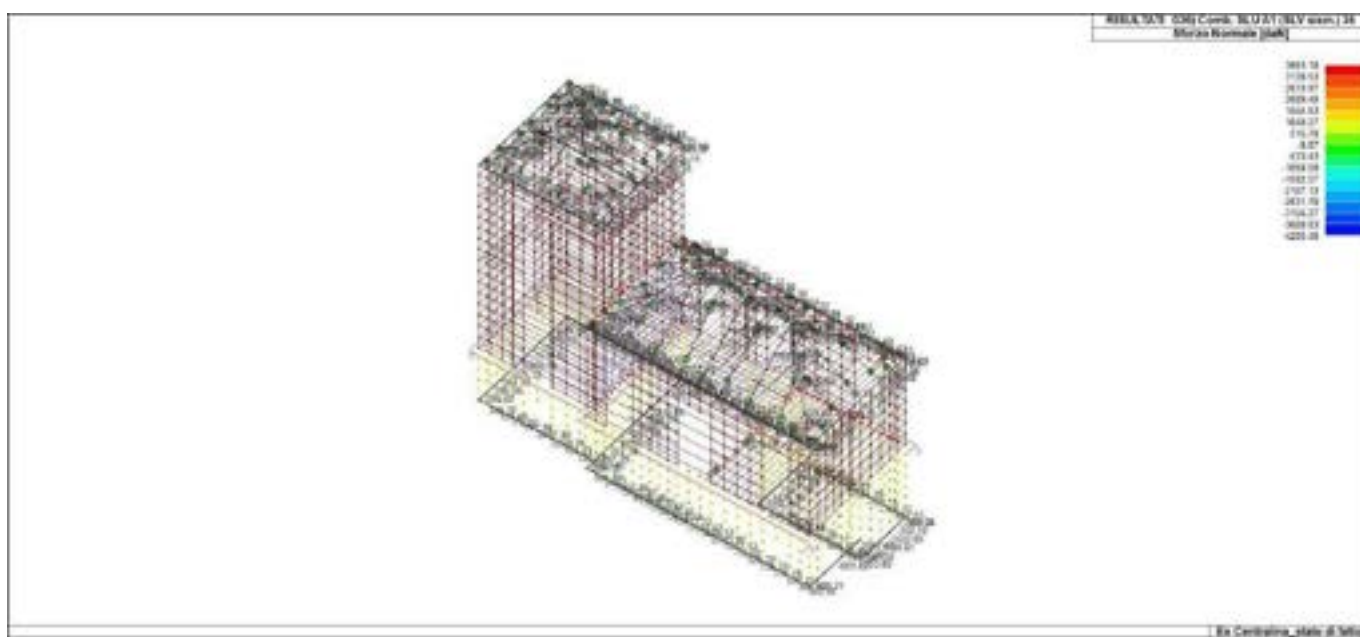
43_RIS_M3_092_Comb SLEperm 92



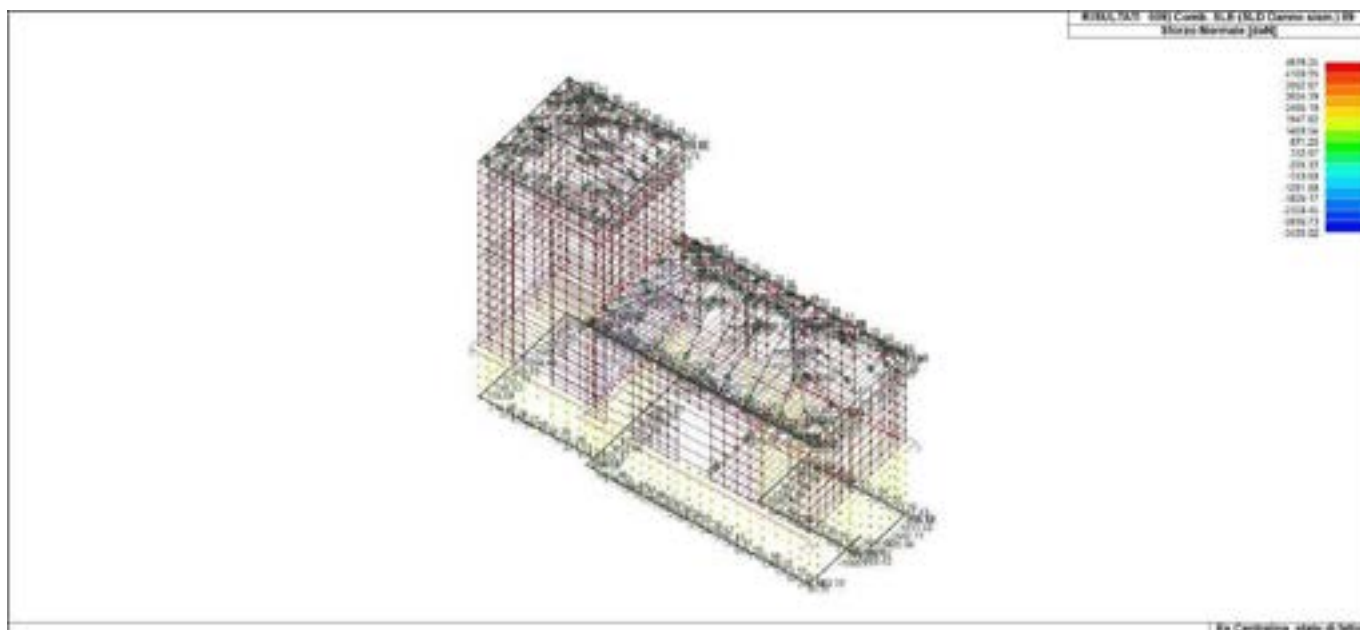
43_RIS_N_004_Comb SLU A1 4



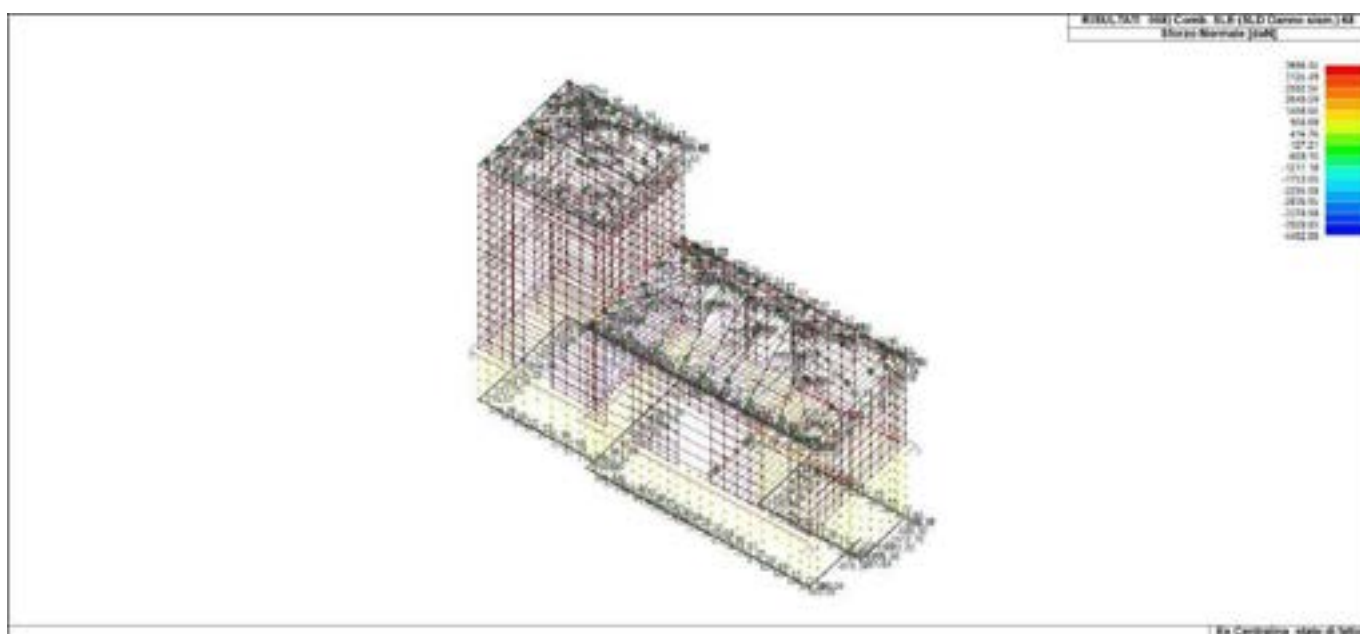
43_RIS_N_027_Comb SLU A1 SLV sism 27



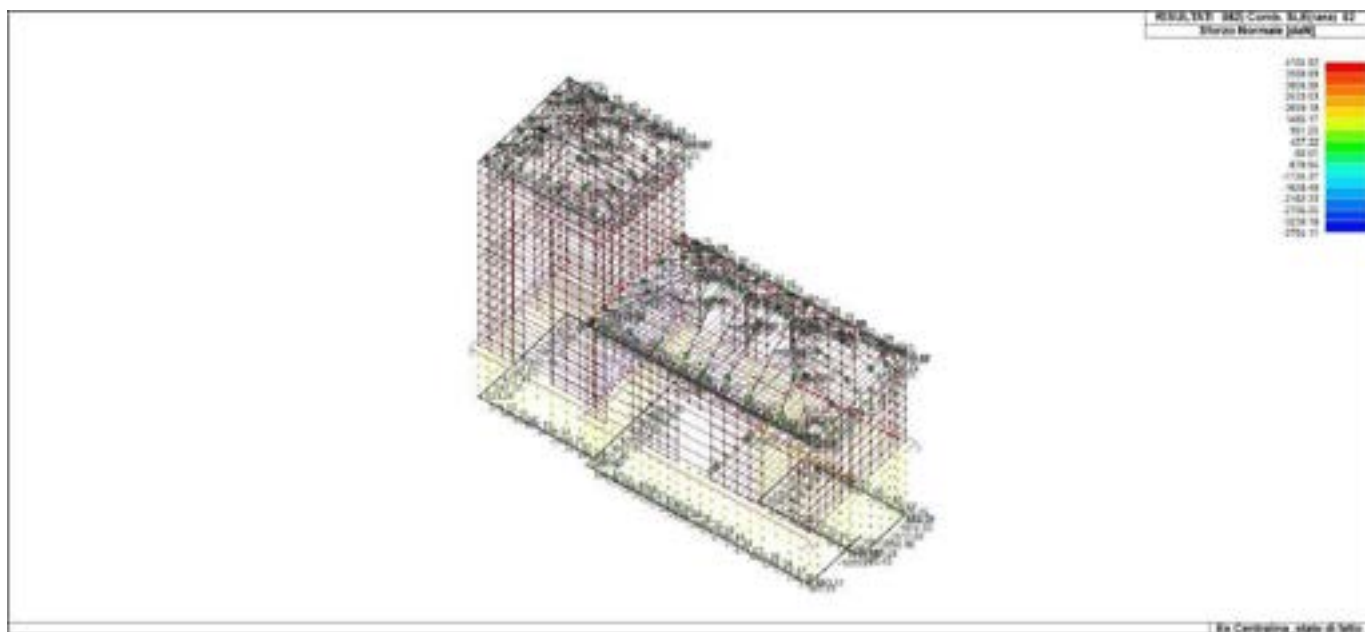
43_RIS_N_036_Comb SLU A1 SLV sism 36



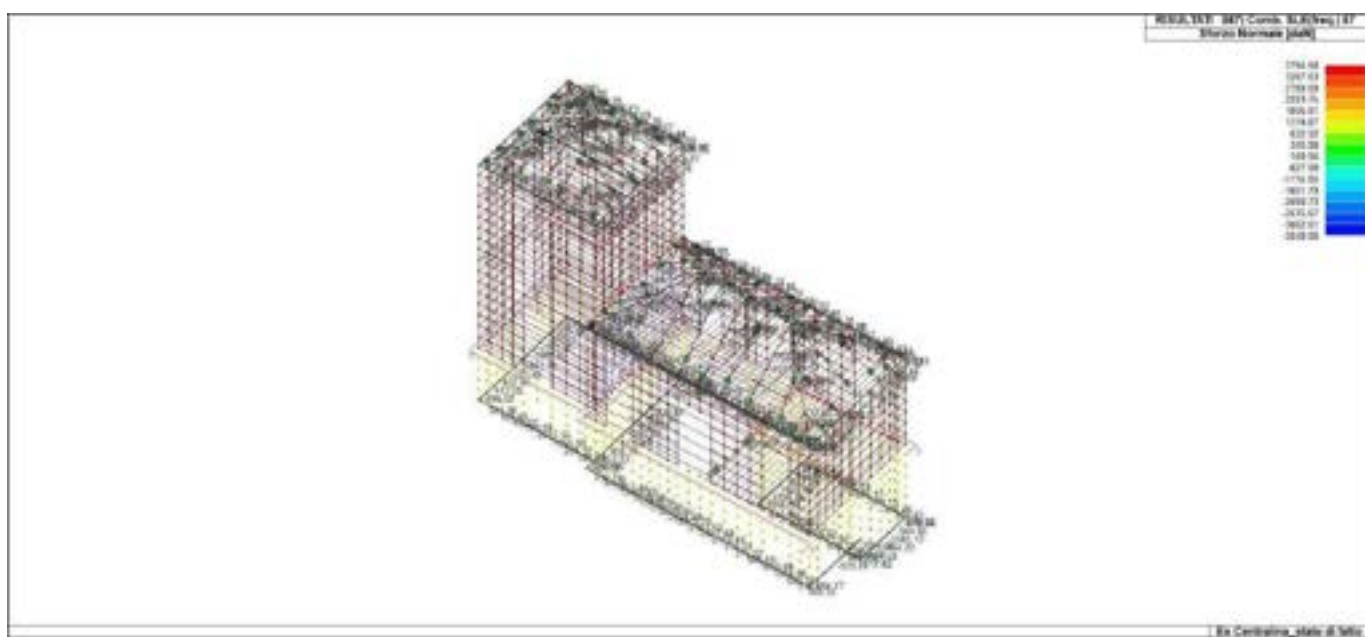
43_RIS_N_059_Comb SLE SLD Danno sism 59



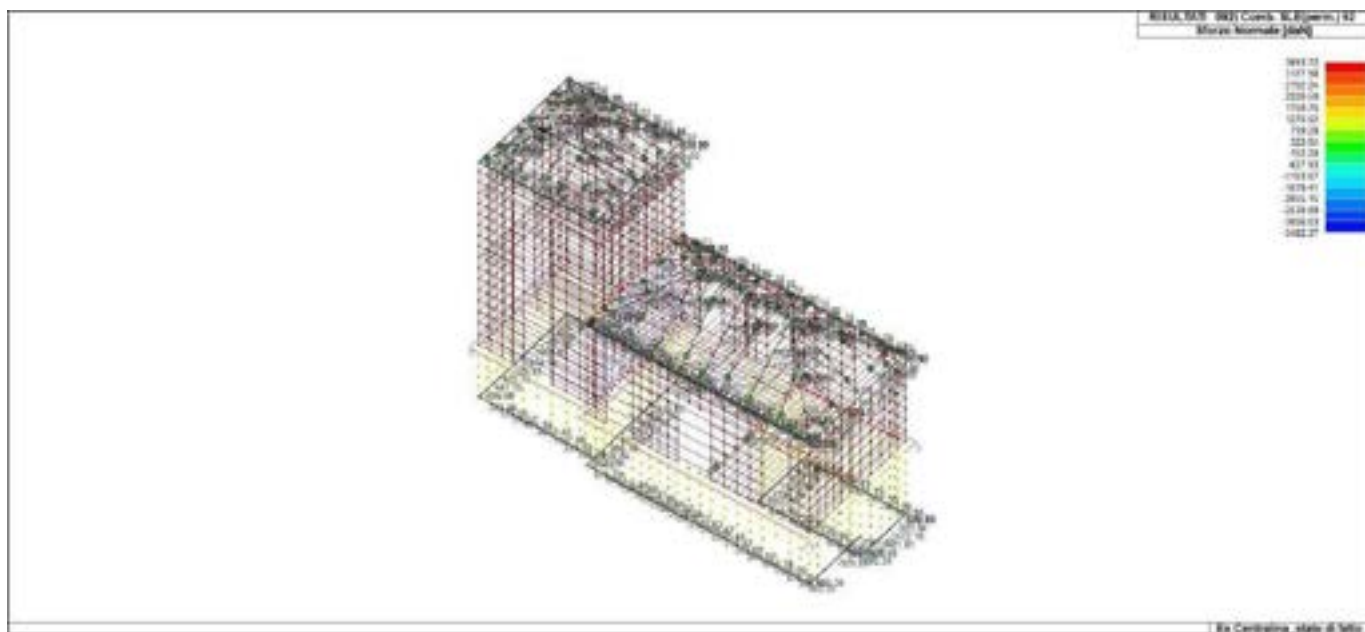
43_RIS_N_068_Comb SLE SLD Danno sism 68



43_RIS_N_082_Comb SLErara 82



43_RIS_N_087_Comb SLEfreq 87



VERIFICHE ELEMENTI MURATURA

LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica. Le verifiche sono state condotte secondo le Norme Tecniche 17 Gennaio 2018.

In particolare sono previste le seguenti verifiche:

Par. 4.5.6.2 Verifiche SLU con riferimento in particolare a carichi laterali (fuori dal piano del muro) in assenza di sisma e a stabilità

Par. 7.8.2.2.3 Verifiche a pressoflessione per carichi laterali (fuori dal piano del muro) in presenza di sisma

Par. 7.8.2.2.1 Verifiche a pressoflessione nel piano del muro (in tutte le combinazioni)

Par. 7.8.2.2.2 Verifiche a taglio per azioni nel piano del muro (in tutte le combinazioni)

Par. 7.8.2.2.4 Travi in muratura, con riferimento alle verifiche a flessione e taglio

Con riferimento ai punti succitati le verifiche vengono così tabulate:

Setto/Fascia/Elem.	numero del macroelemento (D3) o elemento (D2) considerato	
Mat.	Materiale	
s=,m=	Indice della sezione e del materiale assegnati all' elemento (per D2)	
Spessore	spessore dell'elemento	
h0/t	valore della snellezza convenzionale	
lambda	valore della snellezza meccanica (EC-6 F.3)	
Gamma non sis.	coefficiente parziale di sicurezza per combinazioni non sismiche	
Gamma sis.	coefficiente parziale di sicurezza per combinazioni sismiche	
Stato	ok L	elemento verificato (stati limite ultimi)
	ok T	elemento verificato (tensioni)
	NV L	elemento non verificato (stati limite ultimi)
	NV T	elemento non verificato (tensioni)

Nodo/Pos.	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
Ecc/t (M)	massimo valore del rapporto $e1/t$ o $e2/t$
Ecc/L (M)	massimo valore dell'eccentricità longitudinale rapportato alla base
Ecc/t	valore del rapporto di eccentricità trasversale utilizzato per le verifiche del cap. 4.5.6.2 (Ver. Ned)
Ecc/L	valore del rapporto di eccentricità longitudinale utilizzato per le verifiche del cap. 4.5.6.2 (Ver. Ned) come da circolare 21-01-19
Fi t	fattore f_i per la riduzione della resistenza in funzione dell'eccentricità trasversale calcolato con Ecc/t
Fi L	fattore f_i per la riduzione della resistenza in funzione dell'eccentricità longitudinale calcolato con Ecc/L come da circolare 21-01-19
Ned / t	tensione verticale agente in combinazione SLU
fd rid	tensione verticale di progetto ridotta dal prodotto dei fattori $F_i t$ e $F_i L$
Ver. Ned	rapporto Ned / NRd per combinazioni SLU
Mp	momento di progetto agente nel piano del setto (per combinazioni SLU e SLV)
Mo	momento di progetto agente ortogonalmente al piano del setto (per combinazioni SLV)
V	taglio di progetto agente nel piano del setto (per combinazioni SLU e SLV)
Mup	momento resistente nel piano del setto – Par. 7.8.2.2.1
Muo	momento resistente agente ortogonalmente al piano del setto – Par. 7.8.2.2.3
Vu	taglio resistente nel piano - Par. 7.8.2.2.2 (MC) e per edifici esistenti anche C8.7.1.16 (TC) e C8.7.1.16 (MM) come da circolare 21-01-19
Ver. Mp	rapporto tra il momento di progetto agente nel piano del setto e il momento resistente
Ver. Mo	rapporto tra il momento di progetto agente ortogonalmente al piano del setto e il momento resistente; per elementi rinforzati se necessario viene separato M_o e $M_o(S)$ rispettivamente per combinazioni statiche e

	sismiche
Ver. V	rapporto il taglio di progetto e il taglio ultimo
Ver. V	rapporto tra il taglio di progetto e il minore dei tagli resistenti V_p e V_t in relazione alla verifica del par. 7.8.2.2.3 (per elementi fascia)
Rif. cmb	Combinazioni in cui si hanno i massimi valori dei rapporti Ver. M_p , Ver. M_o , Ver. V

Affinché l'elemento sia verificato deve essere:

h_0/t	non superiore a 20 e al limite imposto per zona sismica e tecnica costruttiva
Ecc/t (M)	non superiore a 0.33
Ver. Ned,	non superiore a 1
Ver. M_p,	
Ver. M_o,	
Ver. V	

Per elementi consolidati secondo il paragrafo C8.5.3.1 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con FRP il programma implementa le verifiche previste dalle "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009. Per questi elementi vengono effettuate le verifiche di resistenza previste al cap. 4.4.1.1.2 flessione ortogonale in assenza/presenza di sisma, 4.4.1.2 flessione e taglio nel piano. Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Per elementi consolidati con FRCM il programma implementa le verifiche previste dalle CNR-DT 215/2018 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica"

Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Le tabelle riportano inoltre i seguenti parametri:

Fibra	Tipo di fibra del fibrorinforzo
E fibror.	Modulo elastico del fibrorinforzo
epsr	Dilatazione di rottura del fibrorinforzo
epsd	Dilatazione di calcolo
epsd(s)	Dilatazione di calcolo per combinazioni sismiche
Spess.	Spessore del fibrorinforzo, il programma prevede l'applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
AO fib.	Area orizzontale complessiva di fibrorinforzo per metro lineare
AV fib.	Area verticale complessiva di fibrorinforzo per metro lineare

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Setto	Mat.	Spessore	h_0/t	λ	Gamma non sis.	Gamma sis.	Stato
		cm					
1	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
2	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
3	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
4	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
12	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
40	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
41	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
42	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
43	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
44	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
45	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
46	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
47	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
48	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
49	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
50	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
51	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
52	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
53	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
54	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
55	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
56	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
57	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
58	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
59	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
60	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
61	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
62	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
63	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
64	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
65	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
66	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
67	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
68	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
70	base	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
71	base	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
72	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
73	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
74	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
75	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
76	base	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
77	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
78	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
79	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
80	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
81	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
82	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
83	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
84	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
85	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
86	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
87	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
88	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
89	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
90	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
91	base	0.03	0.0	0.03	0.0	0.87	1.00	2.47	6.30	0.39	4
92	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
93	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
94	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
95	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4
96	interna	0.03	0.0	0.03	0.0	0.87	1.00	2.74	6.25	0.44	4
97	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
98	interna	0.04	0.0	0.04	0.0	0.86	1.00	3.04	6.23	0.49	4
99	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.53	6.38	0.40	4
100	cima	0.03	0.0	0.03	0.0	0.87	1.00	2.13	6.29	0.34	4

Nodo Ver. Ned
0.49

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
7	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
8	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
9	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
10	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
11	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
29	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
69	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
137	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
138	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
139	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
140	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
141	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
144	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
150	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
179	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
200	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
201	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
202	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
203	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
204	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
205	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
206	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
207	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
208	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
209	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
210	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
211	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
212	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
213	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
214	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
215	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
216	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
217	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
218	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
219	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
220	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
221	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
222	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
223	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
224	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
225	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
226	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
227	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
228	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
229	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
230	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
231	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
232	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
233	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
234	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
235	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
236	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
237	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
238	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
239	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
240	base	0.03	0.0	0.03	0.0	0.88	1.00	2.81	6.36	0.44	4
241	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
242	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
243	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
244	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4
245	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
246	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
247	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
254	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.88	6.41	0.45	4
259	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.93	6.41	0.46	4
261	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
265	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.93	6.33	0.46	4
267	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.55	6.33	0.40	4

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
3	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
9	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
13	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
14	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
15	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
16	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
33	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
36	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
37	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
38	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
96	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
97	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
98	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
99	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
100	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
101	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
102	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
103	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
104	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
105	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
106	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
107	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
108	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
109	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
110	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
111	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
112	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
113	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
114	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
115	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
116	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
117	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
118	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
119	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
120	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
121	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
122	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
123	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
124	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
125	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
126	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
127	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
128	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
129	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
130	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
131	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
132	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
133	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
134	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
135	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
136	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
137	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
138	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
139	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
140	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
141	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
142	interna	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
143	interna	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
145	base	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
146	base	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
147	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
148	interna	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
149	interna	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
151	base	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
152	base	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
153	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
248	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4

249	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
250	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
251	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
252	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
257	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
258	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
263	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
264	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
269	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
270	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
271	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
272	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
273	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
274	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
275	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
276	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
277	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
278	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
279	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
280	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
281	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
282	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
283	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
284	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
285	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
286	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
287	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
288	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
289	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
290	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
291	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
292	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
293	base	0.08	0.0	0.08	0.0	0.71	1.00	1.97	5.14	0.38	4
294	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
295	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
296	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
297	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
298	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
299	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
300	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
301	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
302	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
303	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
304	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
305	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
306	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
307	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
308	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
309	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
310	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
311	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
312	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
313	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
314	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
315	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
316	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
317	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
318	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
319	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
320	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
321	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
322	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
323	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
324	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
325	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
326	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
327	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
328	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
329	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
330	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
331	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
332	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
333	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
334	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
335	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
336	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
337	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4

338	interna	0.08	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
339	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
340	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
341	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
342	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
343	interna	0.08	0.0	0.08	0.0	0.70	1.00	1.97	5.07	0.39	4
344	interna	0.08	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
345	interna	0.07	0.0	0.07	0.0	0.72	1.00	2.06	5.21	0.40	4
346	interna	0.06	0.0	0.06	0.0	0.77	1.00	1.87	5.53	0.34	4
347	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.55	5.80	0.27	4
583	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
584	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
585	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
586	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
587	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
588	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
589	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
590	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
591	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
592	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
593	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
594	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
595	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
596	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
597	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
598	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4
599	interna	0.06	0.0	0.06	0.0	0.76	1.00	2.38	5.50	0.43	4
600	base	0.05	0.0	0.05	0.0	0.80	1.00	2.46	5.80	0.42	4

Nodo

Ver. Ned
0.43

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
1	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
9	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
13	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
14	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
15	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
16	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
33	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
36	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
37	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
38	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
96	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
97	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
98	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
99	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
100	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
101	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
102	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
103	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
104	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
105	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
106	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
107	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
108	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
109	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
110	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
111	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
112	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
113	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
114	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
115	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
116	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
117	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
118	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
119	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
120	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
121	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
122	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
123	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
124	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
125	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
126	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
127	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24

128	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
129	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
130	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
131	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
132	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
133	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
134	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
135	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
136	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
137	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
138	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
139	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
140	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
141	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
142	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
143	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
145	1.053e+07	7.741e+04	1.514e+04	5.012e+07	1.541e+06	4.298e+04	0.21	0.05	0.35 (MM)	17,32,24
146	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
147	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
148	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
149	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
151	1.053e+07	7.741e+04	1.514e+04	5.012e+07	1.541e+06	4.298e+04	0.21	0.05	0.35 (MM)	17,32,24
152	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
153	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
248	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
249	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
250	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
251	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
252	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
257	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
258	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
263	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
264	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
269	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
270	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
271	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
272	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
273	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
274	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
275	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
276	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
277	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
278	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
279	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
280	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
281	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
282	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
283	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
284	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
285	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
286	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
287	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
288	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
289	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
290	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
291	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
292	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
293	4.231e+06	1.366e+05	1.067e+04	2.422e+07	1.146e+06	2.519e+04	0.17	0.12	0.42 (MM)	21,36,11
294	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
295	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
296	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
297	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
298	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
299	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
300	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
301	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
302	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
303	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
304	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
305	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
306	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
307	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
308	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
309	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
310	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
311	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
312	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24

313	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
314	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
315	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
316	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
317	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
318	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
319	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
320	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
321	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
322	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
323	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
324	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
325	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
326	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
327	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
328	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
329	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
330	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
331	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
332	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
333	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
334	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
335	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
336	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
337	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
338	4.231e+06	1.366e+05	7392.7	2.422e+07	1.146e+06	1.328e+04	0.17	0.12	0.56 (MM)	21,36,4
339	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
340	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
341	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
342	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
343	1.046e+07	1.925e+05	1.067e+04	5.273e+07	1.592e+06	2.519e+04	0.20	0.12	0.42 (MM)	21,36,11
344	1.320e+07	1.925e+05	1.362e+04	5.174e+07	1.592e+06	3.719e+04	0.26	0.12	0.37 (MM)	21,36,11
345	1.320e+07	1.487e+05	1.514e+04	5.174e+07	1.576e+06	4.298e+04	0.26	0.09	0.35 (MM)	21,36,24
346	1.053e+07	7.741e+04	1.510e+04	5.012e+07	1.541e+06	4.237e+04	0.21	0.05	0.36 (MM)	17,32,24
347	7.406e+06	4.215e+04	1.510e+04	4.752e+07	1.572e+06	4.237e+04	0.16	0.03	0.36 (MM)	17,20,24
583	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
584	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
585	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
586	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
587	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
588	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
589	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
590	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
591	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
592	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
593	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
594	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
595	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
596	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
597	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
598	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4
599	8.100e+05	5.740e+04	7392.7	7.277e+06	6.840e+05	1.328e+04	0.11	0.08	0.56 (MM)	4,34,4
600	3.511e+05	3.436e+04	7168.7	6.452e+06	7.052e+05	1.345e+04	0.05	0.05	0.53 (MM)	18,34,4

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.26

0.12

0.56

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
4	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
2	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
5	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
6	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
7	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
40	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
43	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
45	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
47	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4

49	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
154	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
155	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
156	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
157	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
158	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
159	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
160	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
161	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
162	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
163	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
164	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
165	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
166	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
167	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
168	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
169	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
170	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
171	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
172	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
173	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
174	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
175	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
176	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
177	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
178	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
180	base	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
181	base	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
182	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
183	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
184	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
185	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
186	base	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
187	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
188	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
189	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
190	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
191	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
192	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
193	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
194	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
195	base	0.03	0.0	0.03	0.0	0.89	1.00	2.33	6.44	0.36	4
196	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
197	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
198	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
199	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4
200	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.60	6.40	0.41	4
201	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
202	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.89	6.38	0.45	4
203	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.35	6.46	0.36	4
204	cima	0.03	0.0	0.03	0.0	0.87	1.00	1.92	6.31	0.30	4

Nodo

Ver. Ned
0.45

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
2	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
5	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
6	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
7	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
40	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
43	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
45	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
47	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
49	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
154	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
155	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
156	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
157	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
158	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
159	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
160	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
161	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
162	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
163	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21

164	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
165	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
166	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
167	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
168	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
169	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
170	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
171	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
172	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
173	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
174	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
175	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
176	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
177	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
178	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
180	3.889e+05	3825.4	2052.0	7.866e+06	7.083e+05	1.611e+04	0.05	5.40e-03	0.13 (MM)	30,23,21
181	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
182	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
183	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
184	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
185	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
186	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
187	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
188	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
189	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
190	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
191	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
192	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
193	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
194	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
195	7.283e+05	1.366e+04	2611.5	8.728e+06	7.685e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
196	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
197	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
198	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
199	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
200	7.283e+05	1.462e+04	2611.5	8.728e+06	7.537e+05	1.676e+04	0.08	0.02	0.16 (MM)	30,41,21
201	5.678e+05	1.462e+04	2343.3	8.568e+06	7.537e+05	1.662e+04	0.07	0.02	0.14 (MM)	30,41,21
202	4.121e+05	1.147e+04	2172.5	8.237e+06	7.858e+05	1.637e+04	0.05	0.01	0.13 (MM)	30,21,21
203	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21
204	4.141e+05	1.290e+04	2265.4	7.392e+06	6.642e+05	1.576e+04	0.06	0.02	0.14 (MM)	30,23,21

Nodo

Ver. Mp Ver. Mo
0.08 0.02

Ver. V
0.16

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
5	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
23	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
24	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
25	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
26	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
27	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
28	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
29	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
30	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
34	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
253	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
254	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
255	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
256	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
259	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
260	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
261	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
262	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
265	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
266	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
267	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
268	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4

361	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
371	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
469	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
472	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
473	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
474	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
475	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
480	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
481	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
482	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
483	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
484	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
485	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
486	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
487	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
488	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
489	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
490	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
491	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
492	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
493	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
494	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
495	base	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
496	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
497	base	0.05	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
498	base	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
499	base	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
500	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
501	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
502	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
503	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
504	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
505	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
506	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
507	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
508	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
509	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
510	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
511	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
512	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
513	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
514	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
515	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
516	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
517	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
518	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
519	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
520	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
521	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
522	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
523	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
524	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
525	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
526	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
527	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
528	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
529	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
530	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
531	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
532	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
533	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
534	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
535	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
536	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
537	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
538	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
539	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
540	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
541	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
542	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
543	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
544	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
545	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
546	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
547	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
548	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
549	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4

550	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
551	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
552	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
553	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
554	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
555	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
556	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
557	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
558	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
559	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
560	base	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
561	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
562	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
563	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
564	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
565	base	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
566	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
567	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
568	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
569	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
570	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.72	6.36	0.27	4
571	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
572	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.59	6.34	0.25	4
573	interna	0.03	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
574	base	0.05	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
575	interna	0.05	0.0	0.03	0.0	0.88	1.00	1.84	6.35	0.29	4
576	base	0.05	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
577	interna	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
578	base	0.06	0.0	0.04	0.0	0.84	1.00	1.46	6.06	0.24	4
579	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
580	cima	0.06	0.0	0.05	0.0	0.81	1.00	1.13	5.87	0.19	4
636	interna	0.06	0.0	0.05	0.0	0.82	1.00	1.17	5.89	0.20	4

Nodo

Ver. Ned
0.29

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
23	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
24	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
25	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
26	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
27	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
28	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
29	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
30	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
34	7.332e+06	5.167e+04	4657.4	1.821e+07	7.276e+05	2.598e+04	0.40	0.07	0.18 (MM)	1,45,21
253	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
254	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
255	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
256	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
259	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
260	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
261	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
262	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
265	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
266	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
267	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
268	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
361	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
371	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
469	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
472	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
473	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
474	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
475	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
480	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
481	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
482	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
483	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
484	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
485	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
486	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
487	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
488	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
489	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21

490	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
491	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
492	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
493	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
494	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
495	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
496	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
497	7.998e+06	3.849e+04	5184.1	2.078e+07	8.640e+05	2.679e+04	0.38	0.04	0.19 (MM)	1,39,21
498	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
499	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
500	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
501	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
502	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
503	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
504	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
505	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
506	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
507	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
508	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
509	7.332e+06	5.167e+04	5184.1	1.821e+07	7.276e+05	2.679e+04	0.40	0.07	0.19 (MM)	1,45,21
510	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
511	7.332e+06	5.167e+04	4657.4	1.821e+07	7.276e+05	2.598e+04	0.40	0.07	0.18 (MM)	1,45,21
512	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
513	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
514	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
515	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
516	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
517	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
518	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
519	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
520	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
521	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
522	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
523	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
524	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
525	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
526	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
527	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
528	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
529	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
530	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
531	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
532	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
533	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
534	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
535	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
536	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
537	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
538	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
539	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
540	7.332e+06	5.167e+04	5184.1	1.821e+07	7.276e+05	2.679e+04	0.40	0.07	0.19 (MM)	1,45,21
541	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
542	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
543	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
544	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
545	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
546	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
547	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
548	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
549	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
550	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
551	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
552	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
553	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
554	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
555	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
556	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
557	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
558	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
559	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
560	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
561	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
562	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
563	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
564	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
565	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
566	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21

567	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
568	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
569	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
570	1.395e+07	3.249e+04	4517.1	2.757e+07	1.065e+06	2.802e+04	0.51	0.03	0.16 (MM)	4,31,21
571	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
572	1.395e+07	3.249e+04	4048.2	2.757e+07	1.065e+06	2.842e+04	0.51	0.03	0.14 (MM)	4,31,21
573	1.285e+07	2.429e+04	5105.9	2.666e+07	9.962e+05	2.738e+04	0.48	0.02	0.19 (MM)	4,37,21
574	7.998e+06	3.849e+04	5184.1	2.078e+07	8.640e+05	2.679e+04	0.38	0.04	0.19 (MM)	1,39,21
575	1.084e+07	3.849e+04	5184.1	2.515e+07	8.640e+05	2.679e+04	0.43	0.04	0.19 (MM)	4,39,21
576	7.998e+06	3.849e+04	5184.1	2.078e+07	8.640e+05	2.679e+04	0.38	0.04	0.19 (MM)	1,39,21
577	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
578	7.333e+06	5.230e+04	5184.1	1.866e+07	7.636e+05	2.679e+04	0.39	0.07	0.19 (MM)	1,39,21
579	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
580	7.333e+06	5.230e+04	4657.4	1.866e+07	7.636e+05	2.598e+04	0.39	0.07	0.18 (MM)	1,39,21
636	7.332e+06	5.167e+04	4824.4	1.821e+07	7.276e+05	2.615e+04	0.40	0.07	0.18 (MM)	1,45,21

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.51

0.07

0.19

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
6	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
16	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
17	cima	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
21	base	0.04	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
22	base	0.04	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
23	base	0.04	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
31	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
32	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
35	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
39	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
343	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
344	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
345	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
346	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
347	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
348	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
349	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
350	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
351	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
352	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
353	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
354	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
355	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
356	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
357	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
358	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
359	base	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
360	base	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
362	base	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
363	base	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
364	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
365	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
366	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
367	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
368	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
369	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
370	base	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
372	base	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
373	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
374	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
375	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
455	base	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
456	base	0.04	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
457	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
458	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
459	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
460	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11

461	base	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
462	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
463	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
464	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
465	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
466	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
467	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
468	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
469	base	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
470	interna	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
471	interna	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
472	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
473	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	6.00	0.25	11
474	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
475	cima	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
476	interna	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
477	interna	0.07	0.0	0.06	0.0	0.75	1.00	1.40	5.40	0.26	11
478	base	0.05	0.0	0.04	0.0	0.82	1.00	1.88	5.94	0.32	4
479	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.87	0.28	4
581	cima	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
582	cima	0.04	0.0	0.04	0.0	0.83	1.00	1.94	5.99	0.32	4
599	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
600	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
619	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
620	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
631	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
632	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
633	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
634	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4
635	base	0.04	0.0	0.04	0.0	0.83	1.00	2.22	6.03	0.37	4

Nodo

Ver. Ned
0.37

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
16	1.699e+06	5288.3	5493.9	3.949e+06	3.451e+05	5135.1	0.43	0.02	1.07 (MM)	4,30,11
17	1.699e+06	5288.3	5493.9	3.949e+06	3.451e+05	5135.1	0.43	0.02	1.07 (MM)	4,30,11
21	1.699e+06	5288.3	4734.8	3.949e+06	3.451e+05	9350.1	0.43	0.02	0.51 (MM)	4,30,11
22	1.699e+06	5288.3	4734.8	3.949e+06	3.451e+05	9350.1	0.43	0.02	0.51 (MM)	4,30,11
23	1.699e+06	5288.3	4734.8	3.949e+06	3.451e+05	9350.1	0.43	0.02	0.51 (MM)	4,30,11
31	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
32	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11
35	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
39	1.699e+06	5288.3	5493.9	3.949e+06	3.451e+05	5135.1	0.43	0.02	1.07 (MM)	4,30,11
343	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
344	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
345	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
346	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
347	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
348	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
349	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
350	1.699e+06	5288.3	5493.9	3.949e+06	3.451e+05	5135.1	0.43	0.02	1.07 (MM)	4,30,11
351	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
352	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
353	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
354	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
355	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
356	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
357	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
358	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
359	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
360	2.381e+06	9304.4	6014.4	6.354e+06	4.524e+05	1.213e+04	0.37	0.02	0.50 (MM)	3,37,11
362	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
363	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
364	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
365	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
366	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
367	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
368	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
369	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
370	2.381e+06	9304.4	6014.4	6.354e+06	4.524e+05	1.213e+04	0.37	0.02	0.50 (MM)	3,37,11
372	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
373	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
374	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
375	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4

455	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
456	1.699e+06	5288.3	4734.8	3.949e+06	3.451e+05	9350.1	0.43	0.02	0.51 (MM)	4,30,11
457	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
458	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
459	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
460	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
461	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
462	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
463	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
464	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
465	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
466	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
467	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
468	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
469	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
470	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
471	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
472	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
473	1.863e+06	1.010e+04	8113.2	6.862e+06	4.736e+05	1.270e+04	0.27	0.02	0.64 (MM)	3,21,4
474	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
475	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
476	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
477	2.514e+06	5.184e+04	8511.3	7.376e+06	4.942e+05	1.293e+04	0.34	0.10	0.66 (MM)	3,18,4
478	1.699e+06	9304.4	4734.8	3.949e+06	4.524e+05	9350.1	0.43	0.02	0.51 (MM)	4,37,11
479	2.381e+06	9304.4	7849.0	6.354e+06	4.524e+05	1.252e+04	0.37	0.02	0.63 (MM)	3,37,4
581	3.078e+05	3898.7	5493.9	2.206e+06	4.033e+05	5135.1	0.14	9.67e-03	1.07 (MM)	4,24,11
582	3.078e+05	3898.7	5493.9	2.206e+06	4.033e+05	5135.1	0.14	9.67e-03	1.07 (MM)	4,24,11
599	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11
600	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
619	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11
620	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
631	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11
632	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
633	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11
634	1.283e+05	4404.2	5239.2	2.123e+06	3.842e+05	5406.4	0.06	0.01	0.97 (MM)	37,25,11
635	3.078e+05	4404.2	5493.9	2.206e+06	3.842e+05	5135.1	0.14	0.01	1.07 (MM)	4,25,11

Nodo

Ver. Mp Ver. Mo
0.43 0.10

Ver. V
1.07

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
7	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
17	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
18	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
359	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
362	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
364	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
366	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
368	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
376	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
377	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
378	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
379	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
380	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
381	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
382	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
383	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
384	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
385	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
386	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
387	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
388	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
389	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
390	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
391	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
392	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
393	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4

394	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
395	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
396	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
397	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
398	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
399	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
400	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
401	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
402	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
403	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
404	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
405	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
406	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
407	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
408	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
409	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
410	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
411	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
412	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
413	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
414	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
415	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
416	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
417	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
418	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
419	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
420	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
421	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
422	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
423	interna	0.07	0.0	0.06	0.0	0.76	1.00	2.58	5.45	0.47	4
424	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
425	interna	0.05	0.0	0.05	0.0	0.80	1.00	2.12	5.77	0.37	4
426	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.65	5.84	0.28	4
427	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.24	5.97	0.21	4
428	cima	0.04	0.0	0.04	0.0	0.84	1.00	0.85	6.03	0.14	4
601	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
602	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
603	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
604	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
605	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
606	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
607	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
608	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
609	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
610	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
611	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
612	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
613	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
614	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
615	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
616	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
617	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
618	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4
619	interna	0.06	0.0	0.06	0.0	0.75	1.00	2.75	5.45	0.50	4
620	base	0.04	0.0	0.04	0.0	0.83	1.00	2.64	5.99	0.44	4

Nodo

Ver. Ned
0.50

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
17	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
18	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
359	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
362	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
364	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
366	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
368	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
376	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
377	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
378	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
379	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
380	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
381	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
382	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
383	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9

384	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
385	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
386	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
387	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
388	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
389	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
390	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
391	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
392	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
393	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
394	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
395	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
396	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
397	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
398	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
399	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
400	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
401	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
402	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
403	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
404	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
405	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
406	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
407	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
408	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
409	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
410	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
411	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
412	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
413	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
414	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
415	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
416	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
417	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
418	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
419	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
420	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
421	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
422	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
423	2.534e+06	6.151e+04	1.001e+04	7.130e+06	8.070e+05	1.196e+04	0.36	0.08	0.84 (MM)	9,34,9
424	2.534e+06	7.031e+04	9689.6	7.130e+06	8.535e+05	1.301e+04	0.36	0.08	0.74 (MM)	9,34,9
425	1.759e+06	2.586e+04	1.044e+04	6.380e+06	6.929e+05	1.077e+04	0.28	0.04	0.97 (MM)	9,40,9
426	7.500e+05	1.454e+04	1.086e+04	3.051e+06	5.436e+05	9589.7	0.25	0.03	1.13 (MM)	12,20,9
427	7.500e+05	3808.8	1.073e+04	3.051e+06	2.580e+05	8333.9	0.25	0.01	1.29 (MM)	12,36,9
428	3.749e+05	3808.8	1.073e+04	1.833e+06	2.580e+05	8333.9	0.20	0.01	1.29 (MM)	12,36,9
601	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
602	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
603	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
604	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
605	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
606	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
607	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
608	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
609	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
610	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
611	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
612	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
613	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
614	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
615	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
616	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
617	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
618	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9
619	2.311e+06	7.031e+04	9403.1	7.331e+06	8.535e+05	1.339e+04	0.32	0.08	0.70 (MM)	9,34,9
620	1.246e+06	2.168e+04	8562.8	7.234e+06	8.361e+05	1.319e+04	0.17	0.03	0.65 (MM)	9,34,9

Nodo

Ver. Mp

0.36

Ver. Mo

0.08

Ver. V

1.29

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
8	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
15	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
18	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
19	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
20	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
298	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
299	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
300	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
301	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
302	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
376	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
379	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
381	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
383	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
385	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
429	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
430	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
431	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
432	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
433	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
434	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
435	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
436	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
437	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
438	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
439	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
440	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
441	interna	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
442	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
443	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
444	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
445	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
446	interna	0.05	0.0	0.04	0.0	0.82	1.00	2.06	5.92	0.35	4
447	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
448	interna	0.06	0.0	0.05	0.0	0.79	1.00	1.61	5.71	0.28	4
449	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
450	cima	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
451	cima	0.07	0.0	0.07	0.0	0.74	1.00	1.82	5.33	0.34	4
452	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
453	interna	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
454	interna	0.06	0.0	0.06	0.0	0.78	1.00	0.84	5.61	0.15	4
583	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
585	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
601	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
603	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
621	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
622	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
623	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
624	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
625	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
626	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
627	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
628	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4
629	interna	0.07	0.0	0.06	0.0	0.75	1.00	2.11	5.41	0.39	4
630	base	0.04	0.0	0.04	0.0	0.82	1.00	2.19	5.91	0.37	4

Nodo Ver. Ned
0.39

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
15	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
18	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
19	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
20	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
298	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
299	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9
300	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
301	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
302	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
376	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
379	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9

381	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
383	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
385	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
429	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
430	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
431	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9
432	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
433	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
434	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
435	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
436	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9
437	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
438	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
439	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
440	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
441	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
442	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
443	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9
444	4.941e+05	7161.6	6804.4	1.294e+06	2.691e+05	4371.5	0.38	0.03	1.56 (MM)	12,24,9
445	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
446	2.092e+05	6081.4	6580.8	1.041e+06	1.718e+05	3699.6	0.20	0.04	1.78 (MM)	12,37,9
447	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
448	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
449	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
450	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
451	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
452	8.760e+05	3.124e+04	7737.5	1.953e+06	3.392e+05	4779.0	0.45	0.09	1.62 (MM)	9,27,9
453	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
454	1.724e+05	5505.5	7651.3	5.597e+05	1.146e+05	3310.7	0.31	0.05	2.31 (MM)	36,37,9
583	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
585	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
601	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
603	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
621	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
622	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
623	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
624	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
625	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
626	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
627	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
628	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9
629	7.540e+05	2.830e+04	7534.2	2.158e+06	3.860e+05	5073.7	0.35	0.07	1.48 (MM)	9,27,9
630	3.641e+05	1.082e+04	6532.3	2.205e+06	3.916e+05	5148.2	0.17	0.03	1.27 (MM)	9,24,9

Nodo

Ver. Mp Ver. Mo
0.45 0.09

Ver. V
2.31

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
9	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
100	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
108	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
114	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
119	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
129	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
130	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
136	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
141	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
147	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
153	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
252	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
264	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
270	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
275	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
280	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
286	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
297	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
302	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11

308	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
314	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
320	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
325	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
336	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
342	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
347	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
637	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
638	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
639	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
640	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
641	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
642	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
643	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
644	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
645	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
646	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
647	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
648	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
649	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
650	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
651	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
652	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
653	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
654	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
655	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
656	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
657	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
658	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
659	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
660	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
661	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
662	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
663	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
664	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
665	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
666	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
667	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
668	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
669	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
670	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
671	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
672	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
673	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
674	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
675	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
676	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
677	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
678	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
679	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
680	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
681	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
682	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
683	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
684	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
685	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
686	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
687	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
688	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
689	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
690	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
691	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
692	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
693	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
694	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
695	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
696	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
697	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
698	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
699	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
700	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
701	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
702	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
703	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
704	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
705	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
706	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11

707	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
708	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
709	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
710	cima	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
711	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
712	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
713	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
714	base	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
715	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
716	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
797	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
798	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
799	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
800	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
801	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
802	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
803	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
804	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
806	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
807	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
808	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
809	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
810	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
811	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
812	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
813	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
814	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
815	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
816	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
817	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
818	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
819	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
820	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
821	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
822	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
823	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
824	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
825	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
826	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
827	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
828	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
829	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
830	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
831	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
832	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
833	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
834	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
835	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
836	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
837	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
838	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
839	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
840	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
841	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
842	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
843	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
844	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
845	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
846	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
847	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
848	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
849	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
850	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
851	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
852	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
854	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
855	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
856	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
857	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
858	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
859	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
860	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
861	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
862	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
863	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
864	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
865	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11

866	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
867	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
868	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1013	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1014	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1015	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1016	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1017	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1018	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1019	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1020	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1021	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1022	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1023	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1024	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1025	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1026	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1027	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1028	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1029	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1030	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1031	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1032	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1033	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1034	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1035	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1036	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1037	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1038	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1039	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1040	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1041	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1042	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1043	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1044	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1050	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1051	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1052	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1053	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1054	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1055	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1056	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1057	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1058	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1059	base	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1060	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1061	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1062	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1063	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1064	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1065	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1066	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1067	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1068	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1069	base	0.07	0.0	0.06	0.0	0.68	1.00	1.93	4.94	0.39	11
1070	interna	0.07	0.0	0.06	0.0	0.69	1.00	1.87	4.97	0.38	11
1071	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.79	4.97	0.36	11
1072	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.70	4.99	0.34	11
1073	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.57	5.01	0.31	11
1074	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.41	5.04	0.28	11
1075	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.08	5.09	0.21	11
1076	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11
1299	cima	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.14	0.15	11

Nodo

Ver. Ned
0.39

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
100	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
108	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
114	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
119	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
129	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
130	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
136	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4

147	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
153	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
252	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
264	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
270	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
275	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
280	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
286	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
297	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
302	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
308	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
314	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
320	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
325	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
336	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
342	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
347	3.160e+06	3.365e+04	1.407e+04	3.945e+07	9.743e+05	2.919e+04	0.08	0.03	0.48 (MM)	17,40,4
637	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
638	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
639	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
640	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
641	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
642	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
643	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
644	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
645	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
646	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
647	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
648	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
649	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
650	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
651	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
652	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
653	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
654	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
655	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
656	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
657	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
658	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
659	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
660	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
661	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
662	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
663	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
664	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
665	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
666	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
667	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
668	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
669	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
670	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
671	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
672	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
673	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
674	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
675	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
676	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
677	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
678	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
679	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
680	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
681	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
682	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
683	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
684	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
685	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
686	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
687	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
688	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
689	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
690	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
691	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
692	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
693	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
694	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
695	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4

696	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
697	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
698	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
699	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
700	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
701	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
702	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
703	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
704	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
705	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
706	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
707	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
708	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
709	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
710	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
711	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
712	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
713	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
714	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
715	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
716	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
797	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
798	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
799	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
800	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
801	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
802	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
803	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
804	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
806	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4</

855	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
856	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
857	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
858	5.543e+06	2.527e+04	1.421e+04	2.508e+07	7.185e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,31,4
859	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
860	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
861	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
862	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
863	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
864	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
865	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
866	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
867	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
868	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1013	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1014	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1015	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1016	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1017	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1018	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1019	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1020	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1021	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1022	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1023	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1024	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1025	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1026	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1027	7.165e+06	2.527e+04	1.421e+04	1.998e+07	7.185e+05	2.518e+04	0.36	0.04	0.56 (MM)	25,31,4
1028	7.165e+06	9322.1	1.052e+04	1.998e+07	5.951e+05	2.387e+04	0.36	0.02	0.44 (MM)	25,37,4
1029	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1030	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1031	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1032	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1033	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1034	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1035	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1036	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1037	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1038	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1039	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1040	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1041	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1042	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1043	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1044	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1050	5.543e+06	2.527e+04	1.421e+04	2.508e+07	7.185e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,31,4
1051	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1052	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1053	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1054	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1055	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1056	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1057	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1058	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1059	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1060	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1061	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1062	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1063	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1064	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1065	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1066	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1067	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1068	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1069	3.307e+06	3.365e+04	1.394e+04	3.828e+07	9.743e+05	2.887e+04	0.09	0.03	0.48 (MM)	17,40,4
1070	3.573e+06	3.444e+04	1.388e+04	3.567e+07	1.042e+06	2.817e+04	0.10	0.03	0.49 (MM)	17,31,4
1071	3.873e+06	3.876e+04	1.387e+04	3.291e+07	9.632e+05	2.744e+04	0.12	0.04	0.51 (MM)	25,31,4
1072	4.014e+06	3.957e+04	1.390e+04	3.051e+07	8.849e+05	2.673e+04	0.13	0.04	0.52 (MM)	17,35,4
1073	4.066e+06	3.957e+04	1.404e+04	2.799e+07	8.849e+05	2.602e+04	0.15	0.04	0.54 (MM)	25,35,4
1074	5.543e+06	3.522e+04	1.421e+04	2.508e+07	8.060e+05	2.518e+04	0.22	0.04	0.56 (MM)	25,35,4
1075	7.131e+06	2.527e+04	1.421e+04	2.084e+07	7.185e+05	2.518e+04	0.34	0.04	0.56 (MM)	25,31,4
1076	7.131e+06	9322.1	1.052e+04	2.084e+07	5.951e+05	2.387e+04	0.34	0.02	0.44 (MM)	25,37,4
1299	7.165e+06	9322.1	1.052e+04	1.998e+07	5.951e+05	2.387e+04	0.36	0.02	0.44 (MM)	25,37,4

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
10	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	38.0	9.6	0.40	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
69	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
141	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
179	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
204	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
210	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
216	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
222	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
228	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
233	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
238	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
244	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
709	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
710	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
711	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
712	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
713	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
714	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
715	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
716	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
869	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
870	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
871	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
872	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
873	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
874	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
875	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
876	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
877	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
878	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
879	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
880	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
881	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
882	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
883	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
884	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
885	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
886	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
887	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
888	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
889	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
890	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
891	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
892	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
893	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
894	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
895	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
896	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
897	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
898	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
899	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
900	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
901	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
902	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
903	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
904	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
905	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
906	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
907	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
908	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
909	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
910	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
911	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
912	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
913	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11

914	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
915	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
916	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
917	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
918	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
919	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
920	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
921	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
922	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
923	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
924	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
925	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
926	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
927	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
928	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
929	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
930	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
931	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
932	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
933	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
934	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
935	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
936	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
937	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
938	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
939	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
940	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11
941	base	0.06	0.0	0.06	0.0	0.68	1.00	1.81	4.88	0.37	9
942	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.77	4.93	0.36	9
943	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.70	4.92	0.35	9
944	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.67	4.89	0.34	11
945	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.65	4.92	0.34	11
946	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.62	5.01	0.32	11
947	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.59	4.93	0.32	11
948	cima	0.07	0.0	0.07	0.0	0.65	1.00	1.50	4.71	0.32	11

Nodo

Ver. Ned
0.37

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
69	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
141	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
179	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
204	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
210	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
216	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
222	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
228	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
233	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
238	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
244	1.012e+06	9655.7	7344.7	5.644e+06	4.065e+05	1.010e+04	0.18	0.02	0.73 (MM)	32,29,4
709	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
710	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
711	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
712	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
713	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
714	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
715	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
716	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
869	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
870	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
871	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
872	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
873	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
874	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
875	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
876	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
877	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
878	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
879	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
880	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
881	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
882	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
883	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
884	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4

885	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
886	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
887	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
888	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
889	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
890	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
891	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
892	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
893	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
894	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
895	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
896	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
897	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
898	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
899	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
900	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
901	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
902	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
903	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
904	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
905	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
906	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
907	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
908	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
909	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
910	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
911	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
912	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
913	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
914	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
915	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
916	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
917	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
918	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
919	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
920	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
921	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
922	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
923	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
924	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
925	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
926	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
927	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
928	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
929	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
930	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
931	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
932	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
933	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
934	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
935	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
936	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
937	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
938	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
939	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
940	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4
941	1.012e+06	9655.7	7547.1	5.644e+06	4.065e+05	1.004e+04	0.18	0.02	0.75 (MM)	32,29,4
942	7.826e+05	1.022e+04	7841.9	5.514e+06	3.928e+05	9980.3	0.14	0.03	0.79 (MM)	32,15,4
943	5.826e+05	1.484e+04	7976.4	5.332e+06	3.865e+05	9978.1	0.11	0.04	0.80 (MM)	36,27,4
944	3.850e+05	1.719e+04	8007.6	5.233e+06	3.857e+05	9958.5	0.07	0.04	0.80 (MM)	32,24,4
945	2.378e+05	1.719e+04	8007.6	4.897e+06	3.857e+05	9958.5	0.05	0.04	0.80 (MM)	43,24,4
946	2.507e+05	1.310e+04	7929.0	4.752e+06	3.797e+05	9912.2	0.05	0.03	0.80 (MM)	43,24,4
947	2.785e+05	2.093e+04	7751.9	4.478e+06	3.472e+05	9857.3	0.06	0.06	0.79 (MM)	43,15,4
948	2.785e+05	2.093e+04	5567.2	4.478e+06	3.472e+05	9672.9	0.06	0.06	0.58 (MM)	43,15,4

Nodo

Ver. Mp Ver. Mo Ver. V
0.18 0.06 0.80

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
11	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
49	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
50	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
56	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
62	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
67	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
72	interna	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
77	interna	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
83	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
89	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
95	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
100	base	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
637	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
639	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
641	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
643	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
645	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
647	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
649	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
651	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
717	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
718	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
719	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
720	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
721	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
722	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
723	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
724	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
725	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
726	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
727	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
728	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
729	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
730	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
731	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
732	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
733	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
734	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
735	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
736	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
737	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
738	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
739	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
740	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
741	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
742	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
743	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
744	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
745	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
746	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
747	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
748	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
749	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
750	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
751	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
752	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
753	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
754	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
755	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
756	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
757	interna	0.07	0.0	0.07	0.0	0.67	1.00	2.09	4.83	0.43	4
762	base	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
763	base	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
764	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
765	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
766	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
767	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
768	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
769	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
770	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
771	base	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
772	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
773	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
774	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
775	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
776	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4

777	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
778	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
779	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
780	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
781	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
782	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
783	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
784	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
785	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
786	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
787	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
788	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4
789	interna	0.07	0.0	0.06	0.0	0.69	1.00	2.31	5.01	0.46	4
790	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
791	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.54	5.12	0.50	4
792	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.40	5.14	0.47	4
793	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.26	5.08	0.44	4
794	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.12	5.03	0.42	4
795	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.71	5.01	0.34	4
796	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.40	4.97	0.28	4

Nodo

Ver. Ned
0.50

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
49	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
50	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
56	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
62	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
67	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
72	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
77	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
83	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
89	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
95	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
100	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
637	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
639	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
641	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
643	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
645	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
647	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
649	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
651	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
717	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
718	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
719	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
720	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
721	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
722	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
723	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
724	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
725	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
726	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
727	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
728	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
729	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
730	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
731	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
732	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
733	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
734	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
735	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
736	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
737	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
738	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
739	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
740	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
741	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
742	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
743	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
744	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
745	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
746	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
747	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43

748	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
749	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
750	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
751	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
752	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
753	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
754	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
755	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
756	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
757	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
762	1.464e+05	7603.8	2203.4	4.673e+06	4.018e+05	1.195e+04	0.03	0.02	0.18 (MM)	43,29,43
763	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
764	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
765	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
766	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
767	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
768	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
769	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
770	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
771	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
772	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
773	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
774	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
775	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
776	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
777	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
778	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
779	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
780	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
781	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
782	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
783	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
784	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
785	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
786	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
787	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
788	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43
789	4.335e+05	2.022e+04	2797.0	6.289e+06	4.708e+05	1.329e+04	0.07	0.04	0.21 (MM)	36,27,43
790	3.710e+05	1.124e+04	2720.7	6.138e+06	4.594e+05	1.317e+04	0.06	0.02	0.21 (MM)	36,27,43
791	2.975e+05	6883.4	2591.9	5.844e+06	4.376e+05	1.294e+04	0.05	0.02	0.20 (MM)	36,27,43
792	2.476e+05	8723.3	2476.7	5.559e+06	4.571e+05	1.270e+04	0.04	0.02	0.19 (MM)	36,21,43
793	2.103e+05	9540.2	2369.0	5.266e+06	4.298e+05	1.246e+04	0.04	0.02	0.19 (MM)	32,21,43
794	1.717e+05	9540.2	2269.5	4.978e+06	4.298e+05	1.221e+04	0.03	0.02	0.19 (MM)	32,21,43
795	1.464e+05	1.131e+04	2203.4	4.673e+06	3.176e+05	1.195e+04	0.03	0.04	0.18 (MM)	43,15,43
796	1.103e+05	1.131e+04	2143.8	4.307e+06	3.176e+05	1.167e+04	0.03	0.04	0.18 (MM)	40,15,43

Nodo

Ver. Mp Ver. Mo
0.07 0.04

Ver. V
0.21

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
12	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
267	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
268	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
475	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
489	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
490	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
500	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
511	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
512	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
518	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
524	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
534	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
551	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
552	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
562	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
563	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
569	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11

579	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
758	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
759	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
760	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
761	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
982	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
983	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
984	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
985	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1046	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1047	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1048	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1049	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1077	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1079	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1081	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1083	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1085	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1087	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1089	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1091	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1165	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1166	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1167	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1168	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1169	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1170	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1171	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1172	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1173	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1174	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1175	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1176	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1177	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1178	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1179	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1180	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1181	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1182	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1183	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1184	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1185	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1186	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1187	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1188	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1189	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1190	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1191	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1192	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1193	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1194	base	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1195	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1196	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1197	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1198	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1199	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1200	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1201	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1202	base	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1203	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1204	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1205	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1206	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1207	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1208	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1209	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1210	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1211	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1212	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1213	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1214	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1215	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1216	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1217	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1218	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1219	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1220	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11

1221	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1222	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1223	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1224	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1225	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1226	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1227	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1228	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1229	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1230	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1231	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1232	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1233	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1234	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1235	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1236	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1237	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1238	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1239	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1240	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1241	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1242	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1243	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1244	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1245	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1246	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1247	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1248	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1249	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1250	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1251	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1252	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1253	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1255	base	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1256	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1257	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1258	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1259	base	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1260	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1261	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1262	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1263	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1264	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1265	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1266	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1267	base	0.06	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1268	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1269	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1270	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1271	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1272	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1273	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1274	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1275	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1276	base	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1277	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1278	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1279	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1280	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1281	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1282	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1283	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1284	cima	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1285	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1286	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1287	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1288	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1289	interna	0.07	0.0	0.07	0.0	0.68	1.00	1.46	4.92	0.30	11
1290	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.33	5.00	0.27	11
1291	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.20	5.10	0.23	11
1292	interna	0.07	0.0	0.06	0.0	0.71	1.00	0.79	5.11	0.16	11
1293	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11
1294	base	0.09	0.0	0.09	0.0	0.62	1.00	1.82	4.48	0.41	11
1295	interna	0.08	0.0	0.08	0.0	0.65	1.00	1.72	4.69	0.37	11
1296	interna	0.07	0.0	0.07	0.0	0.67	1.00	1.59	4.82	0.33	11
1300	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.52	4.96	0.10	11
1303	cima	0.07	0.0	0.07	0.0	0.68	1.00	0.48	4.92	0.10	11

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Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
267	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
268	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
475	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
489	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
490	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
500	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
511	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
512	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
518	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
524	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
534	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
551	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
552	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
562	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
563	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
569	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
579	8.271e+06	4.484e+04	8082.3	1.631e+07	4.662e+05	1.702e+04	0.51	0.10	0.47 (MM)	3,37,9
758	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
759	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
760	1.749e+06	1.551e+04	8151.4	6.726e+06	1.898e+05	1.316e+04	0.26	0.08	0.62 (MM)	18,34,1
761	9.226e+05	1.551e+04	7925.0	4.800e+06	1.898e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
982	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
983	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
984	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
985	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1046	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1047	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1048	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1049	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1077	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1079	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1081	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1083	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1085	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1087	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1089	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1091	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1165	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1166	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1167	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1168	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1169	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1170	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1171	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1172	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1173	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1174	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1175	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1176	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1177	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1178	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1179	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1180	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1181	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1182	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1183	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1184	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1185	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1186	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1187	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1188	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1189	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1190	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1191	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1192	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1193	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1194	1.749e+06	2.003e+04	8465.4	6.726e+06	2.916e+05	1.388e+04	0.26	0.07	0.61 (MM)	18,34,1
1195	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1196	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1197	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1

1198	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1199	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1200	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1201	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1202	1.749e+06	2.003e+04	8465.4	6.726e+06	2.916e+05	1.388e+04	0.26	0.07	0.61 (MM)	18,34,1
1203	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1204	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1205	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1206	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1207	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1208	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1209	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1210	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1211	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1212	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1213	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1214	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1215	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1216	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1217	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1218	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1219	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1220	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1221	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1222	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1223	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1224	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1225	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1226	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1227	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1228	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1229	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1230	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1231	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1232	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1233	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1234	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1235	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1236	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1237	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1238	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1239	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1240	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1241	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1242	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1243	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1244	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1245	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1246	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1247	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1248	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1249	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1250	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1251	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1252	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1253	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1255	1.749e+06	2.003e+04	8465.4	6.726e+06	2.916e+05	1.388e+04	0.26	0.07	0.61 (MM)	18,34,1
1256	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1257	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1258	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1259	1.749e+06	2.003e+04	8465.4	6.726e+06	2.916e+05	1.388e+04	0.26	0.07	0.61 (MM)	18,34,1
1260	1.749e+06	1.551e+04	7925.0	6.726e+06	1.898e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1261	9.226e+05	1.551e+04	7925.0	4.800e+06	1.898e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1262	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1263	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1264	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1265	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1266	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1267	1.749e+06	2.003e+04	8465.4	6.726e+06	2.916e+05	1.388e+04	0.26	0.07	0.61 (MM)	18,34,1
1268	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1269	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1270	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1271	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1272	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1273	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1274	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1275	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1

1276	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1277	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1278	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1279	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1280	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1281	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1282	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1283	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1284	1.749e+06	1.669e+04	7925.0	6.726e+06	2.080e+05	1.296e+04	0.26	0.08	0.61 (MM)	18,34,1
1285	9.226e+05	1.669e+04	7925.0	4.800e+06	2.080e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1286	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1287	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1288	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1289	5.197e+06	2.969e+04	8131.8	1.336e+07	3.462e+05	1.491e+04	0.39	0.09	0.55 (MM)	3,31,1
1290	3.829e+06	2.969e+04	8244.4	1.073e+07	3.462e+05	1.443e+04	0.36	0.09	0.57 (MM)	1,31,1
1291	2.549e+06	2.473e+04	8465.4	7.889e+06	3.114e+05	1.388e+04	0.32	0.08	0.61 (MM)	18,31,1
1292	1.749e+06	1.551e+04	8151.4	6.726e+06	1.898e+05	1.316e+04	0.26	0.08	0.62 (MM)	18,34,1
1293	9.226e+05	1.551e+04	7925.0	4.800e+06	1.898e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1
1294	8.271e+06	4.484e+04	8160.8	1.631e+07	4.662e+05	1.672e+04	0.51	0.10	0.49 (MM)	3,37,9
1295	7.057e+06	3.304e+04	8255.7	1.554e+07	4.127e+05	1.629e+04	0.45	0.08	0.51 (MM)	3,31,9
1296	6.108e+06	3.232e+04	8335.0	1.446e+07	3.795e+05	1.587e+04	0.42	0.09	0.53 (MM)	3,31,9
1300	1.030e+06	1.551e+04	8151.4	5.227e+06	1.898e+05	1.316e+04	0.20	0.08	0.62 (MM)	18,34,1
1303	9.226e+05	1.551e+04	7925.0	4.800e+06	1.898e+05	1.296e+04	0.19	0.08	0.61 (MM)	18,34,1

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.51

0.10

0.62

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
13	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
716	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
805	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
853	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
883	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
884	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
892	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
900	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
908	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
916	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
924	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
932	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
940	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
948	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
981	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1045	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1254	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1370	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1371	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1372	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1373	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1374	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1375	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1406	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1407	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1408	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1409	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1436	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1438	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1440	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1442	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1444	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1446	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1460	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1461	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1462	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1463	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1490	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1491	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11

1492	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1493	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1494	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1495	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1496	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1497	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1498	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1499	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1500	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1501	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1502	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1503	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1504	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1505	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1506	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1507	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1508	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1509	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1510	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1511	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1512	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1513	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1514	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1515	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1516	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1517	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1518	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1519	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1520	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1521	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1522	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1523	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1524	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11
1525	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.54	5.14	0.11	11
1526	base	0.07	0.0	0.07	0.0	0.73	1.00	0.98	5.25	0.19	11
1527	interna	0.06	0.0	0.06	0.0	0.75	1.00	0.94	5.42	0.17	11
1528	interna	0.06	0.0	0.05	0.0	0.77	1.00	0.87	5.53	0.16	11
1529	interna	0.06	0.0	0.06	0.0	0.76	1.00	0.76	5.49	0.14	11
1530	interna	0.07	0.0	0.06	0.0	0.74	1.00	0.66	5.36	0.12	11

Nodo

Ver. Ned
0.19

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
716	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
805	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
853	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
883	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
884	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
892	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
900	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
908	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
916	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
924	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
932	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
940	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
948	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
981	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1045	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1254	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1370	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1371	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1372	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1373	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1374	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1375	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1406	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1407	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1408	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1409	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1436	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1438	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1440	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1442	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1444	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31

1446	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1460	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1461	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1462	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1463	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1490	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1491	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1492	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1493	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1494	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1495	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1496	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1497	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1498	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1499	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1500	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1501	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1502	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1503	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1504	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1505	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1506	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1507	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1508	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1509	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1510	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1511	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1512	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1513	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1514	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1515	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1516	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1517	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1518	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1519	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1520	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1521	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1522	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1523	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1524	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31
1525	2.481e+04	1.088e+04	1281.8	1.639e+06	1.281e+05	9337.6	0.02	0.08	0.14 (TC)	30,21,31
1526	2.074e+05	3.436e+04	1718.6	3.502e+06	2.937e+05	1.098e+04	0.06	0.12	0.16 (MM)	43,15,34
1527	1.777e+05	2.201e+04	1690.5	2.958e+06	2.803e+05	1.073e+04	0.06	0.08	0.16 (MM)	46,15,31
1528	1.777e+05	1.258e+04	1690.5	2.958e+06	1.882e+05	1.073e+04	0.06	0.07	0.16 (MM)	46,21,31
1529	1.304e+05	1.436e+04	1555.8	2.572e+06	1.598e+05	1.042e+04	0.05	0.09	0.15 (MM)	46,21,31
1530	7.911e+04	1.436e+04	1418.7	2.166e+06	1.598e+05	9969.5	0.04	0.09	0.14 (TC)	46,21,31

Nodo

Ver. Mp
0.06

Ver. Mo
0.12

Ver. V
0.16

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
14	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
49	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
159	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
165	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
171	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
176	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
187	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
193	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
199	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
204	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
717	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
719	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
721	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
723	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
725	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
727	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4

729	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
731	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
869	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
871	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
873	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
875	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
877	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
879	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
881	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
883	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
949	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
950	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
951	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
952	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
953	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
954	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
955	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
956	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
957	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
958	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
959	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
960	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
961	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
962	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
963	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
964	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
965	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
966	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
967	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
968	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
969	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
970	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
971	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
972	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
973	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
974	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
975	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
976	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
977	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
978	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
979	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
980	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
986	base	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
987	base	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
988	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
989	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
990	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
991	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
992	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
993	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
994	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
995	base	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
996	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
997	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
998	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
999	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
1000	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
1001	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
1002	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
1003	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
1004	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4
1005	base	0.07	0.0	0.07	0.0	0.68	1.00	2.77	4.93	0.56	4
1006	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.71	5.05	0.54	4
1007	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.55	5.13	0.50	4
1008	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.38	5.15	0.46	4
1009	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.09	0.43	4
1010	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.01	5.05	0.40	4
1011	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.56	5.00	0.31	4
1012	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.20	5.00	0.24	4

Nodo

Ver. Ned
0.56

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
49	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4

165	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
171	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
176	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
187	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
193	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
199	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
204	4.305e+05	1.357e+04	5162.9	6.418e+06	4.443e+05	1.128e+04	0.07	0.03	0.46 (MM)	1,35,4
717	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
719	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
721	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
723	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
725	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
727	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
729	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
731	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
869	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
871	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
873	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
875	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
877	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
879	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
881	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
883	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
949	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
950	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
951	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
952	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
953	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
954	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
955	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
956	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
957	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
958	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
959	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
960	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
961	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
962	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
963	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
964	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
965	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
966	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
967	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
968	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
969	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
970	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
971	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
972	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
973	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
974	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
975	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
976	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
977	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
978	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
979	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
980	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
986	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
987	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
988	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
989	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
990	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
991	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
992	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
993	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
994	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
995	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
996	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
997	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
998	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4
999	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
1000	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
1001	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
1002	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
1003	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
1004	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4
1005	4.305e+05	1.357e+04	5279.9	6.418e+06	4.443e+05	1.118e+04	0.07	0.03	0.47 (MM)	1,35,4
1006	3.030e+05	7530.5	5305.3	6.254e+06	4.366e+05	1.093e+04	0.05	0.02	0.49 (MM)	30,43,4

1007	3.327e+05	5320.8	5248.5	5.361e+06	4.603e+05	1.065e+04	0.06	0.01	0.49 (MM)	29,46,4
1008	4.271e+05	8111.0	5214.9	4.984e+06	4.240e+05	1.034e+04	0.09	0.02	0.50 (MM)	21,44,4
1009	4.973e+05	9735.6	5239.8	4.607e+06	3.917e+05	1.002e+04	0.11	0.02	0.52 (MM)	21,44,4
1010	5.036e+05	9058.2	5301.1	4.198e+06	3.565e+05	9670.3	0.12	0.03	0.55 (MM)	21,44,4
1011	4.331e+05	9058.2	5288.2	3.485e+06	3.565e+05	9234.3	0.12	0.03	0.57 (MM)	41,44,4
1012	4.331e+05	5981.9	5288.2	3.485e+06	2.758e+05	9234.3	0.12	0.02	0.57 (MM)	41,39,4

Nodo

Ver. Mp **Ver. Mo** **Ver. V**
0.12 0.03 0.57

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
15	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1386	base	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1446	base	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1447	base	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1453	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1459	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1465	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1471	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1477	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1483	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1489	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1561	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1563	interna	0.16	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1565	cima	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1591	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1592	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1593	interna	0.16	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1594	interna	0.16	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1595	cima	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1596	cima	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1597	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1598	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1599	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1600	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1601	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1602	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1603	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1604	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1605	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1606	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1607	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1608	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1609	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1610	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1611	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1612	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.58	4.99	0.12	11
1613	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1614	interna	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11
1615	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1616	interna	0.16	0.0	0.09	0.0	0.68	1.00	0.87	4.92	0.18	11
1617	cima	0.16	0.0	0.16	0.0	0.56	1.00	0.68	4.04	0.17	11

Nodo

Ver. Ned
0.18

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1386	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1446	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1447	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1453	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1459	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1465	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1471	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21

1477	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1483	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1489	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1561	4.762e+04	6619.8	595.8	7.916e+05	3.642e+04	5143.3	0.06	0.18	0.12 (TC)	31,43,21
1563	7.189e+04	6619.8	531.2	6.349e+05	3.642e+04	4695.2	0.11	0.18	0.11 (TC)	21,43,15
1565	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1591	4.762e+04	6619.8	595.8	7.916e+05	3.642e+04	5143.3	0.06	0.18	0.12 (TC)	31,43,21
1592	4.762e+04	6619.8	595.8	7.916e+05	3.642e+04	5143.3	0.06	0.18	0.12 (TC)	31,43,21
1593	7.189e+04	6619.8	531.2	6.349e+05	3.642e+04	4695.2	0.11	0.18	0.11 (TC)	21,43,15
1594	7.189e+04	6619.8	531.2	6.349e+05	3.642e+04	4695.2	0.11	0.18	0.11 (TC)	21,43,15
1595	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1596	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1597	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1598	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1599	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1600	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1601	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1602	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1603	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1604	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1605	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1606	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1607	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1608	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1609	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1610	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1611	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1612	2.428e+04	6455.4	595.8	9.514e+05	4.578e+04	5143.3	0.03	0.14	0.12 (TC)	18,46,21
1613	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1614	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15
1615	4.762e+04	6619.8	595.8	7.916e+05	3.642e+04	5143.3	0.06	0.18	0.12 (TC)	31,43,21
1616	7.189e+04	6619.8	531.2	6.349e+05	3.642e+04	4695.2	0.11	0.18	0.11 (TC)	21,43,15
1617	7.189e+04	4764.9	531.2	6.349e+05	2.980e+04	4695.2	0.11	0.16	0.11 (TC)	21,32,15

Nodo

Ver. Mp Ver. Mo
0.11 0.18

Ver. V
0.12

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
16	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
347	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
357	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
358	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
368	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
369	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
375	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
460	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
465	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
468	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
471	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
475	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
477	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1069	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1070	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1071	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1072	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1073	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1074	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1075	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1076	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1077	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1078	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1079	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1080	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1081	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1082	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1083	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1084	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11

1085	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1086	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1087	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1088	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1089	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1090	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1091	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1092	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1093	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1094	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1095	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1096	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1097	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1098	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1099	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1100	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1101	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1102	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1103	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1104	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1105	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1106	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1107	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1108	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1109	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1110	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1111	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1112	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1113	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1114	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1115	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1116	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1117	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1118	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1119	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1120	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1121	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1122	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1123	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1124	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1125	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1126	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1127	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1128	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1129	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1130	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1131	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1132	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1133	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1134	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1135	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1136	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1137	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1138	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1139	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1140	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1141	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1142	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1143	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1144	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1145	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1146	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1147	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1148	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1149	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1150	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1151	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1152	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1153	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11
1154	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1155	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1156	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11
1157	base	0.12	0.0	0.11	0.0	0.58	1.00	1.44	4.17	0.35	11
1158	interna	0.10	0.0	0.10	0.0	0.60	1.00	1.34	4.32	0.31	11
1159	interna	0.10	0.0	0.09	0.0	0.61	1.00	1.17	4.40	0.27	11
1160	interna	0.09	0.0	0.09	0.0	0.62	1.00	1.00	4.47	0.22	11
1161	interna	0.08	0.0	0.08	0.0	0.63	1.00	0.83	4.55	0.18	11

1162	interna	0.08	0.0	0.08	0.0	0.65	1.00	0.67	4.69	0.14	11
1163	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.81	0.11	11
1164	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.33	4.95	0.07	11

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
347	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
357	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
358	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
368	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
369	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
375	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
460	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
465	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
468	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
471	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
475	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
477	2.943e+06	6.950e+04	8520.5	6.579e+06	3.620e+05	1.089e+04	0.45	0.19	0.78 (MM)	3,18,4
1069	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1070	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1071	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1072	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1073	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1074	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1075	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1076	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1077	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1078	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1079	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1080	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1081	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1082	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1083	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1084	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1085	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1086	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1087	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1088	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1089	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1090	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1091	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1092	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1093	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1094	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1095	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1096	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1097	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1098	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1099	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1100	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1101	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1102	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1103	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1104	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1105	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1106	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1107	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1108	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1109	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1110	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1111	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1112	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1113	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1114	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1115	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1116	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1117	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1118	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1119	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1120	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1121	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1122	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1123	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4

1124	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1125	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1126	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1127	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1128	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1129	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1130	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1131	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1132	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1133	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1134	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1135	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1136	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1137	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1138	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1139	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1140	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1141	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1142	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1143	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1144	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1145	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1146	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1147	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1148	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1149	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1150	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1151	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1152	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1153	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1154	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1155	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1156	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3
1157	2.943e+06	6.950e+04	8324.6	6.579e+06	3.620e+05	1.062e+04	0.45	0.19	0.78 (MM)	3,18,4
1158	2.456e+06	4.841e+04	8236.0	6.229e+06	3.394e+05	1.013e+04	0.39	0.14	0.81 (MM)	3,18,4
1159	1.966e+06	3.035e+04	8202.2	5.590e+06	2.966e+05	9633.5	0.35	0.10	0.85 (MM)	3,15,4
1160	1.486e+06	2.847e+04	8184.0	4.900e+06	2.439e+05	9117.0	0.30	0.12	0.90 (MM)	3,15,4
1161	1.021e+06	2.480e+04	8184.8	4.169e+06	1.919e+05	8587.1	0.24	0.13	0.95 (MM)	3,15,4
1162	4.970e+05	1.938e+04	8197.6	2.631e+06	1.403e+05	8029.5	0.19	0.14	1.02 (MM)	39,15,4
1163	1.899e+05	1.938e+04	8197.6	1.184e+06	1.403e+05	8029.5	0.16	0.14	1.02 (MM)	31,15,4
1164	1.899e+05	1.097e+04	6055.8	1.184e+06	8.491e+04	7106.0	0.16	0.13	0.85 (TC)	31,15,3

Nodo

Ver. Mp Ver. Mo
0.45 0.19

Ver. V
1.02

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
17	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
204	base	0.07	0.0	0.06	0.0	0.68	1.00	1.71	4.94	0.35	11
267	base	0.07	0.0	0.06	0.0	0.68	1.00	1.71	4.94	0.35	11
869	interna	0.07	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	11
871	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	11
873	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.12	5.14	0.41	4
875	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.00	5.16	0.39	4
877	interna	0.07	0.0	0.06	0.0	0.71	1.00	1.85	5.11	0.36	4
879	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.69	5.04	0.34	4
881	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.54	5.09	0.30	4
883	cima	0.07	0.0	0.07	0.0	0.66	1.00	1.17	4.79	0.24	4
1165	interna	0.07	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	11
1166	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	11
1167	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.12	5.14	0.41	4
1168	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.00	5.16	0.39	4
1169	interna	0.07	0.0	0.06	0.0	0.71	1.00	1.85	5.11	0.36	4
1170	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.69	5.04	0.34	4
1171	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.54	5.09	0.30	4
1172	cima	0.07	0.0	0.07	0.0	0.66	1.00	1.17	4.79	0.24	4

Nodo

Ver. Ned

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
204	5219.1	2021.8	861.6	4.743e+04	3.288e+04	605.9	0.11	0.06	1.42 (MM)	4,41,3
267	5219.1	2021.8	861.6	4.743e+04	3.288e+04	605.9	0.11	0.06	1.42 (MM)	4,41,3
869	5219.1	2021.8	861.6	4.743e+04	3.288e+04	605.9	0.11	0.06	1.42 (MM)	4,41,3
871	5713.8	1263.1	769.7	5.318e+04	4.360e+04	669.8	0.11	0.03	1.15 (MM)	3,21,3
873	6567.5	808.7	614.1	5.151e+04	4.177e+04	660.8	0.13	0.02	0.93 (MM)	3,21,3
875	7719.1	872.4	638.5	4.933e+04	3.574e+04	767.0	0.16	0.02	0.83 (MM)	3,21,40
877	1.028e+04	1892.7	522.2	4.746e+04	3.198e+04	607.6	0.22	0.06	0.86 (MM)	4,21,3
879	1.486e+04	1892.7	669.9	4.397e+04	3.198e+04	592.0	0.34	0.06	1.13 (MM)	11,21,4
881	1.686e+04	2449.2	669.9	3.589e+04	2.819e+04	592.0	0.47	0.09	1.13 (MM)	11,20,4
883	1.686e+04	2449.2	576.8	3.589e+04	2.819e+04	538.9	0.47	0.09	1.07 (MM)	11,20,4
1165	5219.1	2021.8	861.6	4.743e+04	3.288e+04	605.9	0.11	0.06	1.42 (MM)	4,41,3
1166	5713.8	1263.1	769.7	5.318e+04	4.360e+04	669.8	0.11	0.03	1.15 (MM)	3,21,3
1167	6567.5	808.7	614.1	5.151e+04	4.177e+04	660.8	0.13	0.02	0.93 (MM)	3,21,3
1168	7719.1	872.4	638.5	4.933e+04	3.574e+04	767.0	0.16	0.02	0.83 (MM)	3,21,40
1169	1.028e+04	1892.7	522.2	4.746e+04	3.198e+04	607.6	0.22	0.06	0.86 (MM)	4,21,3
1170	1.486e+04	1892.7	669.9	4.397e+04	3.198e+04	592.0	0.34	0.06	1.13 (MM)	11,21,4
1171	1.686e+04	2449.2	669.9	3.589e+04	2.819e+04	592.0	0.47	0.09	1.13 (MM)	11,20,4
1172	1.686e+04	2449.2	576.8	3.589e+04	2.819e+04	538.9	0.47	0.09	1.07 (MM)	11,20,4

Nodo	Ver. Mp	Ver. Mo	Ver. V
	0.47	0.09	1.42

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
18	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
651	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
652	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
660	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
668	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
676	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
684	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
692	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
700	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
708	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
716	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1316	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1317	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1318	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1319	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1320	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1321	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1322	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1323	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1324	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1325	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1326	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1327	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1328	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1329	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1330	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1331	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1332	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1333	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1334	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1335	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1336	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1337	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1338	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1339	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1340	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1341	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1342	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11

1343	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1344	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1345	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1346	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1347	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1348	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1349	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1350	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1351	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1352	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1353	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1354	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1355	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1356	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1357	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1358	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1359	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1360	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1361	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1362	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1363	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1364	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1365	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1366	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1367	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1368	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1369	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11
1370	base	0.05	0.0	0.04	0.0	0.80	1.00	1.13	5.75	0.20	11
1371	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.07	5.72	0.19	11
1372	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.94	5.71	0.16	11
1373	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.79	5.64	0.14	11
1374	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.65	5.48	0.12	11
1375	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.51	5.17	0.10	11

Nodo

Ver. Ned
0.20

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
651	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
652	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
660	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
668	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
676	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
684	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
692	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
700	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
708	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
716	3.131e+05	1.248e+04	1850.3	3.502e+06	3.020e+05	1.093e+04	0.09	0.04	0.17 (MM)	30,43,30
1316	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1317	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1318	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1319	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1320	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1321	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1322	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1323	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1324	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1325	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1326	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1327	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1328	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1329	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1330	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1331	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1332	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1333	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1334	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1335	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1336	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1337	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1338	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1339	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1340	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1341	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1342	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27

1343	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1344	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1345	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1346	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1347	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1348	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1349	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1350	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1351	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1352	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1353	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1354	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1355	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1356	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1357	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1358	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1359	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1360	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1361	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1362	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1363	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1364	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1365	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1366	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1367	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1368	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1369	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27
1370	3.131e+05	1.248e+04	1901.3	3.502e+06	3.020e+05	1.081e+04	0.09	0.04	0.18 (MM)	30,43,30
1371	2.182e+05	8309.5	1976.9	3.337e+06	2.872e+05	1.050e+04	0.07	0.03	0.19 (MM)	30,43,27
1372	1.569e+05	9343.9	1976.9	2.921e+06	1.849e+05	1.050e+04	0.05	0.05	0.19 (MM)	30,32,27
1373	1.212e+05	1.043e+04	1849.5	2.465e+06	1.509e+05	1.015e+04	0.05	0.07	0.18 (MM)	30,40,27
1374	8.233e+04	1.043e+04	1678.5	2.007e+06	1.509e+05	9597.3	0.04	0.07	0.17 (TC)	22,40,27
1375	5.215e+04	8040.8	1497.6	1.461e+06	1.164e+05	8925.0	0.04	0.07	0.17 (TC)	34,44,27

Nodo

Ver. Mp Ver. Mo
0.09 0.07

Ver. V
0.19

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
19	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
651	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
731	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
732	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
740	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
748	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
756	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
772	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
780	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
788	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
796	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1316	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1318	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1320	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1322	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1324	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1326	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1376	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1377	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1378	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1379	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1380	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1381	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1382	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1383	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1384	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1385	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1386	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1387	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11

1388	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1389	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1390	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1391	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1392	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1393	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1394	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1395	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1396	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1397	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1398	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1399	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1400	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1401	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1402	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1403	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1404	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1405	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1410	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1411	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1412	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1413	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1414	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1415	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1416	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1417	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1418	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1419	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1420	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1421	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1422	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1423	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1424	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1425	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1426	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1427	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1428	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1429	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11
1430	base	0.05	0.0	0.05	0.0	0.77	1.00	1.13	5.58	0.20	11
1431	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.09	5.76	0.19	11
1432	interna	0.05	0.0	0.04	0.0	0.81	1.00	0.99	5.82	0.17	11
1433	interna	0.06	0.0	0.05	0.0	0.79	1.00	0.90	5.69	0.16	11
1434	interna	0.07	0.0	0.06	0.0	0.76	1.00	0.80	5.50	0.14	11
1435	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.59	5.16	0.11	11

Nodo

Ver. Ned
0.20

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
651	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
731	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
732	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
740	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
748	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
756	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
772	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
780	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
788	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
796	7.025e+04	1.641e+04	1363.0	3.100e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1316	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1318	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1320	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1322	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1324	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1326	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1376	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1377	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1378	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1379	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1380	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1381	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1382	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1383	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1384	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1385	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40

1386	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1387	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1388	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1389	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1390	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1391	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1392	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1393	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1394	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1395	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1396	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1397	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1398	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1399	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1400	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1401	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1402	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1403	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1404	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1405	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1410	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1411	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1412	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1413	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1414	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1415	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1416	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1417	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1418	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1419	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1420	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1421	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1422	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1423	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1424	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1425	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1426	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1427	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1428	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1429	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40
1430	7.274e+04	1.641e+04	1363.0	2.974e+06	2.108e+05	1.062e+04	0.02	0.08	0.13 (MM)	34,15,40
1431	6.615e+04	8659.7	1322.7	2.541e+06	2.032e+05	1.053e+04	0.03	0.04	0.13 (MM)	36,15,40
1432	6.896e+04	6454.3	1220.8	2.267e+06	1.664e+05	1.033e+04	0.03	0.04	0.12 (MM)	40,20,40
1433	7.294e+04	9069.7	1101.5	1.986e+06	1.469e+05	1.002e+04	0.04	0.06	0.11 (TC)	40,20,40
1434	7.294e+04	8496.0	992.2	1.986e+06	1.228e+05	9627.0	0.04	0.07	0.10 (TC)	40,20,40
1435	5.744e+04	8496.0	886.8	1.653e+06	1.228e+05	9153.4	0.03	0.07	0.10 (TC)	36,20,40

Nodo

Ver. Mp Ver. Mo
0.04 0.08

Ver. V
0.13

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
20	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
731	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
883	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
956	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
964	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
972	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
980	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
996	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1004	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1012	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1376	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1378	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1380	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1382	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1384	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1386	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11

1436	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1437	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1438	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1439	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1440	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1441	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1442	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1443	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1444	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1445	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1446	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1447	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1448	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1449	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1450	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1451	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1452	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1453	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1454	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1455	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1456	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1457	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1458	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1459	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1464	interna	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1465	interna	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1466	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1467	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1468	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1469	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1470	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1471	interna	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1472	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1473	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1474	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1475	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1476	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1477	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1478	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1479	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1480	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1481	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1482	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1483	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11
1484	base	0.04	0.0	0.04	0.0	0.80	1.00	1.29	5.81	0.22	11
1485	interna	0.05	0.0	0.04	0.0	0.80	1.00	1.23	5.78	0.21	11
1486	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.09	5.74	0.19	11
1487	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.63	0.17	11
1488	interna	0.08	0.0	0.06	0.0	0.75	1.00	0.80	5.41	0.15	11
1489	cima	0.08	0.0	0.08	0.0	0.69	1.00	0.56	5.01	0.11	11

Nodo

Ver. Ned
0.22

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
731	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
883	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
956	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
964	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
972	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
980	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
996	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1004	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1012	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1376	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1378	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1380	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1382	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1384	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1386	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1436	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1437	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1438	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1439	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1440	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21

1441	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1442	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1443	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1444	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1445	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1446	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1447	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1448	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1449	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1450	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1451	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1452	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1453	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1454	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1455	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1456	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1457	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1458	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1459	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1464	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1465	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1466	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1467	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1468	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1469	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1470	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1471	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1472	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1473	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1474	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1475	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1476	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1477	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1478	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1479	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1480	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1481	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1482	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1483	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21
1484	2.956e+05	7577.3	1890.4	2.846e+06	2.249e+05	1.058e+04	0.10	0.03	0.18 (MM)	41,43,21
1485	2.023e+05	4879.1	1848.5	2.733e+06	2.494e+05	1.048e+04	0.07	0.02	0.18 (MM)	41,40,21
1486	1.641e+05	6100.6	1729.7	2.230e+06	1.674e+05	1.021e+04	0.07	0.04	0.17 (MM)	21,43,21
1487	1.641e+05	7832.4	1584.6	2.230e+06	1.417e+05	9882.7	0.07	0.06	0.16 (TC)	21,43,21
1488	1.300e+05	6991.1	1454.6	1.875e+06	1.128e+05	9374.1	0.07	0.06	0.16 (TC)	21,43,21
1489	5.752e+04	6991.1	1323.3	1.421e+06	1.128e+05	8810.8	0.04	0.06	0.15 (TC)	41,43,21

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.10

0.06

0.18

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
21	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1326	base	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1327	base	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1333	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1339	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1345	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1351	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1357	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1363	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1369	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1375	base	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1531	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1532	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1533	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1534	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1535	cima	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1536	cima	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11

1537	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1538	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1539	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1540	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1541	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1542	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1543	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1544	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1545	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1546	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1547	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1548	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1549	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1550	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1551	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1552	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.59	5.25	0.11	11
1553	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1554	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1555	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1556	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1557	interna	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11
1558	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1559	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.86	5.28	0.16	11
1560	cima	0.08	0.0	0.07	0.0	0.74	1.00	0.66	5.36	0.12	11

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1326	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1327	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1333	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1339	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1345	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1351	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1357	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1363	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1369	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1375	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1531	7.107e+04	6317.1	557.7	9.219e+05	3.651e+04	5158.9	0.08	0.17	0.11 (TC)	24,46,24
1532	7.107e+04	6317.1	557.7	9.219e+05	3.651e+04	5158.9	0.08	0.17	0.11 (TC)	24,46,24
1533	4.782e+04	6317.1	510.2	8.694e+05	3.651e+04	5020.6	0.06	0.17	0.10 (TC)	25,46,24
1534	4.782e+04	6317.1	510.2	8.694e+05	3.651e+04	5020.6	0.06	0.17	0.10 (TC)	25,46,24
1535	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1536	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1537	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1538	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1539	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1540	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1541	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1542	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1543	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1544	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1545	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1546	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1547	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1548	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1549	7.107e+04	6223.6	557.7	9.219e+05	4.702e+04	5158.9	0.08	0.13	0.11 (TC)	24,43,24
1550	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,36,30
1551	3.232e+04	2961.2	423.5	6.312e+05	2.796e+04	4699.4	0.05	0.11	0.09 (TC)	19,

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
22	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
805	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1375	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1409	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1446	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1461	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1495	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1501	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1507	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1513	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1519	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1525	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1558	interna	0.10	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1559	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1560	cima	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1591	interna	0.10	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1593	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1595	cima	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1618	interna	0.10	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1619	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1620	cima	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1621	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1622	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1623	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1624	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1625	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1626	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1627	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1628	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1629	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1630	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1631	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1632	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1633	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1634	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1635	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1636	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1637	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1638	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1639	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	5.01	0.09	11
1640	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1641	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11
1642	interna	0.10	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1643	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.75	5.33	0.14	11
1644	cima	0.11	0.0	0.07	0.0	0.74	1.00	0.56	5.32	0.11	11

Nodo

Ver. Ned
0.14

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
805	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1375	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1409	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1446	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1461	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1495	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1501	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1507	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1513	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1519	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1525	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1558	5.262e+04	6457.0	437.2	7.671e+05	2.941e+04	5053.6	0.07	0.22	0.09 (TC)	34,17,31
1559	3.083e+04	6457.0	400.1	6.976e+05	2.941e+04	4938.8	0.04	0.22	0.08 (TC)	37,17,31
1560	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1591	5.262e+04	6457.0	437.2	7.671e+05	2.941e+04	5053.6	0.07	0.22	0.09 (TC)	34,17,31

1593	3.083e+04	6457.0	400.1	6.976e+05	2.941e+04	4938.8	0.04	0.22	0.08 (TC)	37,17,31
1595	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1618	5.262e+04	6457.0	437.2	7.671e+05	2.941e+04	5053.6	0.07	0.22	0.09 (TC)	34,17,31
1619	3.083e+04	6457.0	400.1	6.976e+05	2.941e+04	4938.8	0.04	0.22	0.08 (TC)	37,17,31
1620	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1621	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1622	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1623	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1624	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1625	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1626	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1627	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1628	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1629	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1630	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1631	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1632	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1633	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1634	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1635	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1636	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1637	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1638	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1639	5.262e+04	7404.4	437.2	7.671e+05	3.959e+04	5053.6	0.07	0.19	0.09 (TC)	34,16,31
1640	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1641	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31
1642	5.262e+04	6457.0	437.2	7.671e+05	2.941e+04	5053.6	0.07	0.22	0.09 (TC)	34,17,31
1643	3.083e+04	6457.0	400.1	6.976e+05	2.941e+04	4938.8	0.04	0.22	0.08 (TC)	37,17,31
1644	1.150e+04	3268.6	338.8	4.991e+05	2.163e+04	4580.4	0.02	0.15	0.07 (TC)	46,25,31

Nodo

Ver. Mp Ver. Mo Ver. V
0.07 0.22 0.09

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
23	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1326	base	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1386	base	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1387	base	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1393	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1399	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1405	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1411	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1417	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1423	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1429	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1435	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1531	interna	0.10	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1533	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1535	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1561	interna	0.10	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1562	interna	0.10	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1563	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1564	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1565	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1566	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1567	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1568	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1569	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1570	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1571	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1572	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1573	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1574	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1575	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1576	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1577	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1578	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11

1579	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1580	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1581	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1582	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1583	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1584	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1585	interna	0.09	0.0	0.09	0.0	0.68	1.00	0.46	4.92	0.09	11
1586	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1587	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11
1588	interna	0.10	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1589	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.75	5.17	0.15	11
1590	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.60	5.22	0.11	11

Nodo

Ver. Ned
0.15

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1326	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1386	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1387	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1393	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1399	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1405	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1411	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1417	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1423	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1429	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1435	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1531	5.871e+04	6641.7	444.8	7.276e+05	2.871e+04	4948.5	0.08	0.23	0.09 (TC)	43,16,40
1533	2.831e+04	6641.7	432.0	5.245e+05	2.871e+04	4572.1	0.05	0.23	0.09 (TC)	32,16,43
1535	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1561	5.871e+04	6641.7	444.8	7.276e+05	2.871e+04	4948.5	0.08	0.23	0.09 (TC)	43,16,40
1562	5.871e+04	6641.7	444.8	7.276e+05	2.871e+04	4948.5	0.08	0.23	0.09 (TC)	43,16,40
1563	2.831e+04	6641.7	432.0	5.245e+05	2.871e+04	4572.1	0.05	0.23	0.09 (TC)	32,16,43
1564	2.831e+04	6641.7	432.0	5.245e+05	2.871e+04	4572.1	0.05	0.23	0.09 (TC)	32,16,43
1565	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1566	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1567	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1568	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1569	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1570	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1571	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1572	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1573	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1574	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1575	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1576	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1577	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1578	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1579	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1580	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1581	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1582	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1583	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1584	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1585	5.871e+04	8009.0	444.8	7.276e+05	3.851e+04	4948.5	0.08	0.21	0.09 (TC)	43,21,40
1586	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1587	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43
1588	5.871e+04	6641.7	444.8	7.276e+05	2.871e+04	4948.5	0.08	0.23	0.09 (TC)	43,16,40
1589	2.831e+04	6641.7	432.0	5.245e+05	2.871e+04	4572.1	0.05	0.23	0.09 (TC)	32,16,43
1590	2.831e+04	3609.0	432.0	5.245e+05	2.278e+04	4572.1	0.05	0.16	0.09 (TC)	32,43,43

Nodo

Ver. Mp Ver. Mo Ver. V
0.08 0.23 0.09

Setto	Mat.	Spessore cm	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
24	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	1.1	0.05	3.00	2.40	NV L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1276	base	0.84	0.0	0.0	0.0	0.0	0.0	0.06	0.0	999.00	13
1277	cima	0.03	0.0	0.03	0.0	0.91	1.00	0.30	6.56	0.05	11
1284	base	0.84	0.0	0.0	0.0	0.0	0.0	0.06	0.0	999.00	13
1285	cima	0.03	0.0	0.03	0.0	0.91	1.00	0.30	6.56	0.05	11
1655	base	0.84	0.0	0.0	0.0	0.0	0.0	0.06	0.0	999.00	13

Nodo Ver. Ned
999.00

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1276	1237.2	209.4	314.3	0.0	0.0	0.0	999.00	999.00	999.00 (MC)	1,15,1
1277	1401.0	821.6	478.1	1.124e+04	3702.6	863.6	0.12	0.22	0.55 (MC)	12,34,3
1284	1237.2	209.4	314.3	0.0	0.0	0.0	999.00	999.00	999.00 (MC)	1,15,1
1285	1401.0	821.6	478.1	1.124e+04	3702.6	863.6	0.12	0.22	0.55 (MC)	12,34,3
1655	1237.2	209.4	314.3	0.0	0.0	0.0	999.00	999.00	999.00 (MC)	1,15,1

Nodo Ver. Mp Ver. Mo Ver. V
999.00 999.00 999.00

TABELLA VERIFICHE ELEMENTI D2 FASCE MURATURA

Fascia	Note	Ver. V	Vp daN	Vt daN	Ver. M	Mu Rif. cmb	Ver. V	Vp daN	Vt daN	Ver. M	Mu Rif. cmb
94	NV L	5.17	3529.41	625.00 (TC)	0.666.882e+04	4,4	2.44	3529.41	625.00 (TC)	1.146.882e+04	4,4
95	NV L	6.97	3529.41	625.00 (TC)	0.536.882e+04	4,4	0.23	3529.41	625.00 (TC)	0.666.882e+04	9,4
96	NV L	4.72	3357.25	625.00 (TC)	0.936.882e+04	4,4	2.48	3357.25	625.00 (TC)	0.536.882e+04	4,4
97	NV L	3.04	3357.25	625.00 (TC)	0.836.882e+04	4,4	3.54	3357.25	625.00 (TC)	0.936.882e+04	4,4
98	NV L	2.12	3128.34	625.00 (TC)	0.086.882e+04	4,3	3.84	3128.34	625.00 (TC)	0.276.882e+04	4,9
144	NV L	5.22	2232.11	608.11 (TC)	0.226.882e+04	4,4	7.01	2232.11	608.11 (TC)	0.716.882e+04	4,4
145	NV L	5.25	2232.11	608.11 (TC)	0.716.882e+04	4,4	7.34	2232.11	608.11 (TC)	1.296.882e+04	4,4
146	NV L	7.97	2232.11	608.11 (TC)	1.296.882e+04	4,4	5.06	2232.11	608.11 (TC)	0.536.882e+04	4,4
147	NV L	8.74	2752.94	625.00 (TC)	0.536.882e+04	4,4	1.20	2752.94	625.00 (TC)	1.166.882e+04	4,4
148	NV L	4.71	2752.94	625.00 (TC)	1.166.882e+04	4,4	5.01	2752.94	625.00 (TC)	1.106.882e+04	4,4
149	NV L	1.02	2752.94	625.00 (TC)	1.106.882e+04	4,4	8.84	2752.94	625.00 (TC)	0.656.882e+04	4,4
150	NV L	4.16	2517.93	625.00 (TC)	0.646.882e+04	4,4	6.82	2517.93	625.00 (TC)	1.266.882e+04	4,4
151	NV L	5.98	2517.93	625.00 (TC)	1.266.882e+04	4,4	4.42	2517.93	625.00 (TC)	0.866.882e+04	4,4
152	NV L	4.98	2517.93	625.00 (TC)	0.866.882e+04	4,4	4.28	2517.93	625.00 (TC)	0.686.882e+04	4,4
153	NV L	2.64	2597.11	625.00 (TC)	0.056.882e+04	4,4	5.42	2597.11	625.00 (TC)	0.696.882e+04	4,4
154	NV L	17.19	1147.06	416.67 (TC)	1.076.882e+04	4,4	13.99	1147.06	416.67 (TC)	0.281.032e+05	4,31
155	NV L	8.92	3316.80	625.00 (TC)	1.436.882e+04	4,4	0.39	3316.80	625.00 (TC)	0.206.882e+04	9,4
156	NV L	3.88	3316.80	625.00 (TC)	1.056.882e+04	4,4	5.84	3316.80	625.00 (TC)	1.436.882e+04	4,4
157	NV L	4.95	2698.96	625.00 (TC)	0.596.882e+04	4,4	6.89	2698.96	625.00 (TC)	1.056.882e+04	4,4
158	NV L	5.38	2698.96	625.00 (TC)	0.476.882e+04	4,4	5.84	2698.96	625.00 (TC)	0.596.882e+04	4,4
159	NV L	4.98	2698.96	625.00 (TC)	0.486.882e+04	4,4	4.95	2698.96	625.00 (TC)	0.476.882e+04	4,4
160	NV L	4.41	2698.96	625.00 (TC)	0.466.882e+04	4,4	4.45	2698.96	625.00 (TC)	0.486.882e+04	4,4
161	NV L	3.09	2698.96	625.00 (TC)	0.256.882e+04	4,9	4.11	2698.96	625.00 (TC)	0.466.882e+04	4,4
162	NV L	4.35	2256.51	614.75 (TC)	0.756.882e+04	4,4	4.24	2256.51	614.75 (TC)	0.716.882e+04	4,4
163	NV L	5.99	2256.51	614.75 (TC)	1.106.882e+04	4,4	4.80	2256.51	614.75 (TC)	0.756.882e+04	4,4
164	NV L	5.11	2256.51	614.75 (TC)	0.606.882e+04	4,4	7.14	2256.51	614.75 (TC)	1.106.882e+04	4,4
165	NV L	3.28	2256.51	614.75 (TC)	1.026.882e+04	4,4	9.40	2256.51	614.75 (TC)	0.606.882e+04	4,4
166	NV L	8.49	2256.51	614.75 (TC)	0.166.882e+04	4,9	4.28	2256.51	614.75 (TC)	1.026.882e+04	4,4
167	NV L	6.58	2838.08	625.00 (TC)	0.766.882e+04	4,4	3.64	2838.08	625.00 (TC)	0.166.882e+04	4,9
168	NV L	4.81	2838.08	625.00 (TC)	0.616.882e+04	4,4	5.45	2838.08	625.00 (TC)	0.766.882e+04	4,4
169	NV L	4.41	2838.08	625.00 (TC)	0.386.882e+04	4,4	5.46	2838.08	625.00 (TC)	0.616.882e+04	4,4
170	NV L	4.35	2838.08	625.00 (TC)	0.186.882e+04	4,4	5.28	2838.08	625.00 (TC)	0.386.882e+04	4,4
171	NV L	4.14	2838.08	625.00 (TC)	0.126.882e+04	4,4	5.39	2838.08	625.00 (TC)	0.416.882e+04	4,4
172	NV L	4.21	2838.08	625.00 (TC)	0.416.882e+04	4,4	5.50	2838.08	625.00 (TC)	0.706.882e+04	4,4
173	NV L	4.52	2838.08	625.00 (TC)	0.706.882e+04	4,4	5.56	2838.08	625.00 (TC)	0.946.882e+04	4,4
174	NV L	6.43	2838.08	625.00 (TC)	0.946.882e+04	4,4	3.76	2838.08	625.00 (TC)	0.376.882e+04	4,4
175	NV L	8.79	2256.51	614.75 (TC)	0.376.882e+04	4,4	3.63	2256.51	614.75 (TC)	1.006.882e+04	4,4
176	NV L	3.68	2256.51	614.75 (TC)	1.006.882e+04	4,4	8.64	2256.51	614.75 (TC)	0.336.882e+04	4,4
177	NV L	3.73	2823.53	625.00 (TC)	0.336.882e+04	4,4	6.39	2823.53	625.00 (TC)	0.906.882e+04	4,4
178	NV L	5.52	2823.53	625.00 (TC)	0.906.882e+04	4,4	4.50	2823.53	625.00 (TC)	0.666.882e+04	4,4
179	NV L	5.39	2823.53	625.00 (TC)	0.666.882e+04	4,4	4.16	2823.53	625.00 (TC)	0.396.882e+04	4,4
180	NV L	5.28	2823.53	625.00 (TC)	0.396.882e+04	4,4	4.15	2823.53	625.00 (TC)	0.136.882e+04	4,4
194	NV L	4.06	2771.42	625.00 (TC)	0.096.882e+04	4,4	4.69	2771.42	625.00 (TC)	0.216.882e+04	4,4

195	NV L	4.44	2771.42	625.00 (TC)	0.216.882e+04	4,4	4.81	2771.42	625.00 (TC)	0.286.882e+04	4,4
196	NV L	4.88	2771.42	625.00 (TC)	0.286.882e+04	4,4	4.97	2771.42	625.00 (TC)	0.276.882e+04	4,4
197	NV L	5.26	2771.42	625.00 (TC)	0.276.882e+04	4,4	5.27	2771.42	625.00 (TC)	0.256.882e+04	4,4
198	NV L	5.56	2771.42	625.00 (TC)	0.256.882e+04	4,4	5.76	2771.42	625.00 (TC)	0.266.882e+04	4,4
199	NV L	5.42	2771.42	625.00 (TC)	0.266.882e+04	4,4	6.21	2771.42	625.00 (TC)	0.406.882e+04	4,4
200	NV L	4.89	2771.42	625.00 (TC)	0.406.882e+04	4,4	6.39	2771.42	625.00 (TC)	0.716.882e+04	4,4
201	NV L	4.86	2771.42	625.00 (TC)	0.716.882e+04	4,4	5.97	2771.42	625.00 (TC)	0.946.882e+04	4,4
202	NV L	6.75	2771.42	625.00 (TC)	0.946.882e+04	4,4	3.31	2771.42	625.00 (TC)	0.166.882e+04	4,9
208	NV L	2.17	3529.41	625.00 (TC)	1.146.882e+04	4,4	5.77	3529.41	625.00 (TC)	0.506.882e+04	4,4
213	NV L	5.28	3025.21	625.00 (TC)	0.336.882e+04	4,4	4.23	3025.21	625.00 (TC)	0.116.882e+04	4,4
214	NV L	4.17	3025.21	625.00 (TC)	0.286.882e+04	4,11	4.41	3025.21	625.00 (TC)	0.336.882e+04	4,4
215	NV L	4.38	2472.70	625.00 (TC)	0.136.882e+04	4,4	5.97	2472.70	625.00 (TC)	0.286.882e+04	4,11
216	NV L	5.72	2472.70	625.00 (TC)	0.096.882e+04	4,9	4.78	2472.70	625.00 (TC)	0.136.882e+04	4,4
217	NV L	6.94	2472.70	625.00 (TC)	0.626.882e+04	4,4	4.66	2472.70	625.00 (TC)	0.096.882e+04	4,9
228	NV L	9.43	2809.12	625.00 (TC)	0.466.882e+04	4,4	12.11	2809.12	625.00 (TC)	0.076.882e+04	4,4
229	NV L	8.45	2809.12	625.00 (TC)	0.076.882e+04	4,4	6.16	2809.12	625.00 (TC)	0.466.882e+04	4,4
230	NV L	6.76	2809.12	625.00 (TC)	0.256.882e+04	4,4	6.03	2809.12	625.00 (TC)	0.076.882e+04	4,4
231	NV L	5.02	3441.18	625.00 (TC)	0.316.882e+04	4,4	4.72	3441.18	625.00 (TC)	0.256.882e+04	4,4
232	NV L	4.89	3441.18	625.00 (TC)	0.376.882e+04	4,4	4.62	3441.18	625.00 (TC)	0.316.882e+04	4,4
233	NV L	4.60	3559.84	625.00 (TC)	0.416.882e+04	4,11	4.38	3559.84	625.00 (TC)	0.376.882e+04	4,4
234	NV L	3.81	3559.84	625.00 (TC)	0.236.882e+04	4,11	4.94	3559.84	625.00 (TC)	0.416.882e+04	4,11
235	NV L	2.11	3559.84	625.00 (TC)	0.506.882e+04	4,4	6.24	3559.84	625.00 (TC)	0.236.882e+04	4,11
260	NV L	4.38	2890.23	625.00 (TC)	0.296.882e+04	4,4	3.51	2890.23	625.00 (TC)	0.106.882e+04	4,11
261	NV L	4.67	2890.23	625.00 (TC)	0.366.882e+04	4,4	4.38	2890.23	625.00 (TC)	0.296.882e+04	4,4
262	NV L	7.00	2176.24	592.89 (TC)	0.476.882e+04	4,4	6.62	2176.24	592.89 (TC)	0.366.882e+04	4,4
263	NV L	7.26	2176.24	592.89 (TC)	0.506.882e+04	4,4	7.13	2176.24	592.89 (TC)	0.476.882e+04	4,4
264	NV L	6.19	2444.34	625.00 (TC)	0.496.882e+04	4,4	6.15	2444.34	625.00 (TC)	0.506.882e+04	4,4
265	NV L	6.17	2444.34	625.00 (TC)	0.556.882e+04	4,4	5.93	2444.34	625.00 (TC)	0.496.882e+04	4,4
266	NV L	5.99	2444.34	625.00 (TC)	0.626.882e+04	4,4	5.65	2444.34	625.00 (TC)	0.556.882e+04	4,4
267	NV L	4.86	2444.34	625.00 (TC)	0.366.882e+04	4,4	5.88	2444.34	625.00 (TC)	0.626.882e+04	4,4
268	NV L	4.37	3670.59	625.00 (TC)	0.566.882e+04	4,4	2.98	3670.59	625.00 (TC)	0.316.882e+04	4,11
269	NV L	3.17	3670.59	625.00 (TC)	0.476.882e+04	4,11	3.79	3670.59	625.00 (TC)	0.566.882e+04	4,4
270	NV L	4.14	2502.67	625.00 (TC)	0.096.882e+04	4,4	5.84	2502.67	625.00 (TC)	0.476.882e+04	4,11
271	NV L	4.40	2502.67	625.00 (TC)	0.056.882e+04	4,9	4.99	2502.67	625.00 (TC)	0.096.882e+04	4,4
272	NV L	3.13	3771.15	625.00 (TC)	0.036.882e+04	4,3	2.94	3771.15	625.00 (TC)	0.056.882e+04	4,9
273	NV L	2.62	3771.15	625.00 (TC)	0.106.882e+04	4,9	3.31	3771.15	625.00 (TC)	0.036.882e+04	4,3
274	NV L	8.33	1885.58	513.70 (TC)	0.746.882e+04	4,4	9.72	1885.58	513.70 (TC)	1.126.882e+04	4,4
275	NV L	1.70	2491.35	625.00 (TC)	0.076.882e+04	4,4	1.37	2491.35	625.00 (TC)	0.846.882e+04	4,4
276	ok L	0.69	2491.35	625.00 (TC)	0.846.882e+04	4,4	1.00	2491.35	625.00 (TC)	0.426.882e+04	4,4
277	ok L	0.28	2491.35	625.00 (TC)	0.426.882e+04	4,4	0.57	2491.35	625.00 (TC)	0.216.882e+04	4,4
278	ok L	0.21	2491.35	625.00 (TC)	0.206.882e+04	1,4	0.11	2491.35	625.00 (TC)	0.236.882e+04	1,11
279	ok L	0.11	3529.41	937.50 (TC)	0.236.882e+04	15,11	0.33	2352.94	625.00 (TC)	0.136.882e+04	11,1
280	ok L	0.28	2352.94	625.00 (TC)	0.136.882e+04	11,1	0.57	2352.94	625.00 (TC)	0.106.882e+04	11,11
281	ok L	0.12	3164.30	625.00 (TC)	0.106.882e+04	4,11	0.15	3164.30	625.00 (TC)	0.096.882e+04	1,11
282	ok L	0.07	4746.45	937.50 (TC)	0.096.882e+04	31,11	0.19	3164.30	625.00 (TC)	0.116.882e+04	1,11
283	NV L	1.09	2752.94	625.00 (TC)	0.366.882e+04	11,11	1.34	2752.94	625.00 (TC)	0.196.882e+04	11,11
284	NV L	3.43	1034.94	416.67 (TC)	1.766.882e+04	11,11	4.58	1034.94	416.67 (TC)	1.446.882e+04	11,11
285	NV L	1.87	2414.86	625.00 (TC)	0.031.032e+05	4,38	1.48	2414.86	625.00 (TC)	0.846.882e+04	4,4
286	NV L	3.81	2414.86	625.00 (TC)	0.846.882e+04	4,4	4.23	2414.86	625.00 (TC)	1.256.882e+04	4,11
287	NV L	1.94	676.95	416.67 (TC)	0.676.882e+04	9,9	0.61	1015.43	625.00 (TC)	0.351.032e+05	30,19
288	NV L	1.97	3559.81	625.00 (TC)	0.046.882e+04	11,11	1.69	3559.81	625.00 (TC)	0.616.882e+04	11,11
289	ok L	0.30	2711.19	625.00 (TC)	0.616.882e+04	11,11	0.68	2711.19	625.00 (TC)	0.386.882e+04	11,11
290	ok L	0.22	2711.19	625.00 (TC)	0.386.882e+04	1,11	0.20	2711.19	625.00 (TC)	0.386.882e+04	9,4
291	ok L	0.06	2169.04	590.92 (TC)	0.386.882e+04	11,4	0.59	2169.04	590.92 (TC)	0.216.882e+04	11,4
292	NV L	2.84	3441.18	625.00 (TC)	0.216.882e+04	4,4	3.16	3441.18	625.00 (TC)	0.886.882e+04	4,4

Fascia

Ver. V
17.19

Ver. M
1.76

VERIFICHE S.L. ELEMENTI IN LEGNO

LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO

Il programma consente la verifica dei seguenti tipi di elementi:

1. Aste 2. Travi 3. Pilastri

L'esito delle verifiche è espresso con un codice come di seguito indicato:

ok: verifica con esito positivo

NV: verifica con esito negativo

Le sono condotte seguendo le indicazioni analitiche riportate nella norma tecnica UNI EN 1995-1-1:2014 "Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici"; in particolare le verifiche effettuate sono riconducibili ai punti:

EC5

- 2.2.2 Ultimate limit states
- 2.2.3 Serviceability limit states
- 2.4.1 Design value of material property
- 2.4.3 Design resistances
- 3.1.3 Strength modification (k_{mod})
- 3.1.4 Deformation modification (k_{def})
- 6. Ultimate limit states
- 6.2 Design of cross-sections subjected to combined stresses
- 6.3 Stability of members

Simbologia adottata nelle tabelle di verifica

Le verifiche effettuate ai sensi dell'EC5 sono dettagliatamente riportate come da tabella seguente:

Elem.	Numero dell'elemento
Tipo	Codice di individuazione del tipo di elemento: Trave (T) , Pilastro (P) , Asta (A)
Stato	Codice della verifica ok verificato, NV non verificato
Note	Numero della sezione (s) e del materiale (m) dell'archivio
Ver N+/M	Verifica come da formula 6.17 e 6.18 per tensoflessione
Ver N-/M	Verifica come da formula 6.19 e 6.20 per pressoflessione
Ver V/T	Verifica come da formula 6.13 e 6.14 (taglio torsione) con interazione ottenuta per quadratura del termine di taglio
Ver N(s)	Verifica come da formula 6.23 e 6.24 per pressoflessione di elementi con snellezza relativa in un piano maggiore di 0.3
Kcy (z)	Fattore di instabilità utilizzato nella formula 6.23 (6.24)
Ver M(s)	Verifica come da formula 6.35 (effettuata in entrambi i piani principali) per instabilità laterale
Kcrit (y) (z)	Fattore di instabilità laterale utilizzato nella formula 6.35 rispettivamente per la flessione y e z
w _{net R}	Massima deformazione in esercizio (R rara, F frequente, P quasi permanente)
w _{net Ri}	Massima deformazione in esercizio valutata a tempo infinito (R rara, F frequente, P quasi permanente)
kdef	Fattore di deformazione dell' elemento
Rif. cmb	Numero della combinazione in cui si è attinto il valore riportato per le verifiche

Si sottolinea che le cinque verifiche sono espresse dal rapporto tra domanda e capacità, affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1. La capacità è affetta dal termine **kmod**, espressione della

classe di servizio e della durata dei carichi (si considera a livello di combinazione il caso di carico di minor durata).

Le deformazioni dell' elemento espresse in rapporto ad un millesimo di lunghezza sono rappresentate dal valore istantaneo e dal valore a tempo infinito. Il valore della deformazione a tempo infinito per una combinazione di carichi è ottenuta sommando per ogni caso di carico sia il valore istantaneo che il valore ottenuto dall' aliquota quasi-permanente amplificata del fattore k_{def} (par. 2.2.3 formula da 2.2 a 2.5).

In termini analitici il contributo del caso di carico con coefficiente di combinazione **Psi** (diverso da 0) è **Psi + k_{def} * Psi2**. La relazione riporta a titolo informativo anche i valori per combinazioni frequenti e quasi permanenti, ma la norma richiede il controllo solo per le combinazioni rare (caratteristiche).

Il valore di deformazione riportato è espresso in 1000/L per rendere agevole il confronto di più valori e in particolare di più range di valori (ad esempio 2 rappresenta L/500, 4 rappresenta L/250 e così via).

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Elem.	Note	Pos. cm	Ver N+/M	Ver N-/M	Ver V/T	Rif. cmb	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)	Rif. cmb
100 ok T,s=4,m=120		0.0	0.1	0.3	1.36e-02	1,11,11	0.4	0.5	0.4	0.2	1.0	1.0	11,11
		83.6	0.1	0.2	1.42e-02	1,11,11	0.3	0.5	0.4	0.2	1.0	1.0	11,11
		167.2	5.34e-02	6.95e-02	3.89e-02	1,11,11	0.2	0.5	0.4	0.1	1.0	1.0	11,11
101 ok T,s=4,m=120		0.0		0.3	1.61e-02	0,11,11	0.5	0.5	0.4	0.3	1.0	1.0	11,11
		83.6		0.3	1.62e-02	0,11,11	0.5	0.5	0.4	0.3	1.0	1.0	11,11
		167.2		0.1	3.69e-02	0,11,11	0.4	0.5	0.4	0.3	1.0	1.0	11,11
102 ok T,s=5,m=120		0.0	5.65e-02	0.0	7.17e-03	11,0,11	0.0	0.7	0.1	8.21e-04	1.0	1.0	0,11
		63.5	5.33e-02	1.20e-02	5.60e-03	11,23,11	1.78e-02	0.7	0.1	5.95e-03	1.0	1.0	15,15
		127.0	8.36e-02	0.2	2.96e-02	10,11,11	0.2	0.7	0.1	6.49e-02	1.0	1.0	11,11
103 NVT,s=5,m=120		0.0		1.20e-02	8.04e-02	0,11,11	1.0	0.7	0.1	1.0	1.0	1.0	11,11
		112.6		0.2	2.60e-02	0,11,11	1.0	0.7	0.1	0.9	1.0	1.0	11,11
		225.3		0.3	0.1	0,11,11	0.9	0.7	0.1	0.7	1.0	1.0	11,11
104 ok T,s=5,m=120		0.0	8.46e-02		1.32e-03	1,0,1				6.89e-03	0.8	1.0	0,1
		277.5	4.88e-02		3.78e-04	11,0,1				1.35e-03	0.8	1.0	0,1
		555.0	5.92e-02		1.07e-03	11,0,1				2.63e-03	0.8	1.0	0,1
105 ok T,s=5,m=120		0.0		5.87e-02	1.50e-02	0,11,11	0.5	0.7	0.1	0.4	1.0	1.0	11,11
		63.5		7.16e-02	1.46e-03	0,26,21	0.5	0.7	0.1	0.5	1.0	1.0	11,11
		127.0		0.2	2.50e-02	0,23,11	0.7	0.7	0.1	0.6	1.0	1.0	11,11
106 NVT,s=5,m=120		0.0		1.27e-02	3.69e-02	0,11,24	1.1	0.7	0.1	1.1	1.0	1.0	11,11
		112.6		0.2	3.59e-02	0,11,24	1.0	0.7	0.1	0.9	1.0	1.0	11,11
		225.3		0.2	7.95e-02	0,11,11	0.9	0.7	0.1	0.8	1.0	1.0	11,11
107 ok T,s=5,m=120		0.0	8.42e-02		3.44e-03	11,0,1				8.03e-03	0.8	1.0	0,1
		277.5	4.84e-02		2.43e-03	11,0,1				1.48e-03	0.8	1.0	0,1
		555.0	5.02e-02		3.05e-03	11,0,1				1.70e-03	0.8	1.0	0,1
108 ok T,s=5,m=120		0.0		5.75e-02	7.27e-03	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	1,1
		63.5		5.32e-02	4.78e-03	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	1,1
		127.0		0.2	2.64e-02	0,11,11	0.5	0.7	0.1	0.4	1.0	1.0	11,1
109 ok T,s=5,m=120		0.0	0.0	3.61e-03	7.78e-02	0,11,11	0.6	0.7	0.1	0.6	1.0	1.0	11,11
		112.6	4.87e-02	0.2	2.46e-02	45,11,11	0.6	0.7	0.1	0.4	1.0	1.0	11,11
		225.3	4.99e-02	0.2	0.1	39,11,11	0.4	0.7	0.1	0.3	1.0	1.0	11,11
110 ok T,s=5,m=120		0.0	9.09e-02		1.80e-03	1,0,1				1.04e-02	0.8	1.0	0,1
		277.5	3.84e-02		7.04e-04	1,0,1				1.41e-03	0.8	1.0	0,1
		555.0	3.31e-02		1.24e-03	1,0,1				9.51e-04	0.8	1.0	0,1
111 ok T,s=5,m=120		0.0		8.50e-03	2.59e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		50.9		1.53e-02	2.56e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		101.8		1.78e-02	2.55e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
112 ok T,s=5,m=120		0.0		8.34e-03	3.48e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		50.0		1.10e-02	3.47e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		100.0		1.25e-02	3.48e-03	0,1,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
113 ok T,s=4,m=120		0.0	0.1		6.23e-03	11,0,11				0.0	1.0	1.0	0,1
		60.0	0.2		5.35e-03	11,0,11				4.02e-05	1.0	1.0	0,11
		120.0	0.2		6.68e-03	11,0,11				1.37e-03	1.0	1.0	0,11
114 ok T,s=4,m=120		0.0	7.96e-02	0.0	1.85e-03	11,45,11	1.46e-03	0.5	0.7	1.46e-03	1.0	1.0	45,45
		60.0	9.31e-02	6.09e-04	1.96e-03	11,45,11	6.44e-04	0.5	0.7	4.76e-05	1.0	1.0	45,45

	120.0	0.2	0.0	5.02e-03	11,0,11	0.0	0.5	0.7	6.38e-03	1.0	1.0	0,11
115 ok P,s=5,m=120	0.0	6.24e-02		4.44e-03	11,0,29							0,0
	75.0	6.07e-02		4.44e-03	11,0,29							0,0
	150.0	6.40e-02		4.44e-03	11,0,29							0,0
116 ok P,s=5,m=120	0.0	8.09e-02		5.97e-04	11,0,21							0,0
	75.0	6.98e-02		5.97e-04	11,0,21							0,0
	150.0	9.96e-02		5.97e-04	11,0,21							0,0
117 ok P,s=5,m=120	0.0	8.48e-02		6.68e-04	11,0,11							0,0
	75.0	7.33e-02		6.68e-04	11,0,11							0,0
	150.0	0.1		6.68e-04	11,0,11							0,0
118 ok T,s=5,m=120	0.0		8.27e-02	2.10e-02	0,11,11	0.1	1.0	0.7	6.40e-02	1.0	1.0	11,11
	61.6		5.61e-02	2.15e-02	0,11,11	0.1	1.0	0.7	6.36e-02	1.0	1.0	11,11
	123.1		0.1	2.20e-02	0,11,11	0.2	1.0	0.7	7.67e-02	1.0	1.0	11,11
119 ok T,s=5,m=120	0.0		4.55e-02	3.03e-02	0,11,26	9.34e-02	1.0	0.7	6.45e-02	1.0	1.0	11,11
	61.6		1.82e-02	3.03e-02	0,11,26	7.39e-02	1.0	0.7	6.25e-02	1.0	1.0	11,11
	123.1		8.36e-02	3.03e-02	0,11,26	0.1	1.0	0.7	6.86e-02	1.0	1.0	11,11
120 ok T,s=5,m=120	0.0		9.00e-02	2.24e-02	0,11,11	0.2	1.0	0.7	6.78e-02	1.0	1.0	11,11
	61.6		5.05e-02	2.28e-02	0,11,11	0.1	1.0	0.7	6.66e-02	1.0	1.0	11,11
	123.1		0.1	2.33e-02	0,11,11	0.2	1.0	0.7	7.73e-02	1.0	1.0	11,11
121 ok T,s=5,m=120	0.0		9.58e-02	2.08e-02	0,11,11	0.1	1.0	0.7	7.05e-02	1.0	1.0	11,11
	61.6		3.96e-02	2.04e-02	0,11,11	0.1	1.0	0.7	6.37e-02	1.0	1.0	11,11
	123.1		8.15e-02	2.01e-02	0,11,11	0.1	1.0	0.7	6.50e-02	1.0	1.0	11,11
122 ok T,s=5,m=120	0.0		0.1	2.69e-02	0,11,15	0.2	1.0	0.7	7.29e-02	1.0	1.0	11,11
	61.6		3.18e-02	2.69e-02	0,11,15	8.28e-02	1.0	0.7	6.23e-02	1.0	1.0	11,11
	123.1		4.63e-02	2.69e-02	0,11,15	9.31e-02	1.0	0.7	6.37e-02	1.0	1.0	11,11
123 ok T,s=5,m=120	0.0		0.1	2.43e-02	0,11,11	0.2	1.0	0.7	7.87e-02	1.0	1.0	11,11
	61.6		5.33e-02	2.38e-02	0,11,11	0.1	1.0	0.7	6.67e-02	1.0	1.0	11,11
	123.1		9.11e-02	2.34e-02	0,11,11	0.2	1.0	0.7	6.78e-02	1.0	1.0	11,11
124 ok T,s=5,m=120	0.0	6.44e-02	0.3	0.1	30,11,11	0.4	0.7	0.1	0.3	1.0	1.0	11,11
	112.6	0.0	0.2	2.65e-02	0,11,11	0.5	0.7	0.1	0.4	1.0	1.0	11,11
	225.3	0.0	3.34e-03	7.33e-02	0,11,11	0.5	0.7	0.1	0.5	1.0	1.0	11,11
125 ok T,s=5,m=120	0.0		0.2	2.66e-02	0,11,11	0.7	0.7	0.1	0.5	1.0	1.0	11,1
	63.5		5.84e-02	5.29e-03	0,11,11	0.5	0.7	0.1	0.5	1.0	1.0	1,1
	127.0		6.91e-02	9.09e-03	0,11,11	0.5	0.7	0.1	0.5	1.0	1.0	1,1
126 NVT,s=5,m=120	0.0		0.2	8.62e-02	0,26,11	0.9	0.7	0.1	0.8	1.0	1.0	11,11
	112.6		0.2	3.26e-02	0,11,17	1.1	0.7	0.1	1.0	1.0	1.0	11,11
	225.3		1.34e-02	4.81e-02	0,11,11	1.1	0.7	0.1	1.1	1.0	1.0	11,11
127 ok T,s=5,m=120	0.0		0.2	2.64e-02	0,15,11	0.7	0.7	0.1	0.6	1.0	1.0	11,11
	63.5		5.93e-02	2.06e-03	0,15,28	0.5	0.7	0.1	0.5	1.0	1.0	11,11
	127.0		5.70e-02	1.23e-02	0,11,11	0.5	0.7	0.1	0.5	1.0	1.0	11,11
128 ok T,s=5,m=120	0.0		0.3	0.1	0,11,11	0.8	0.7	0.1	0.6	1.0	1.0	11,11
	112.6		0.2	2.47e-02	0,11,11	0.8	0.7	0.1	0.7	1.0	1.0	11,11
	225.3		8.25e-03	5.62e-02	0,11,11	0.8	0.7	0.1	0.8	1.0	1.0	11,11
129 ok T,s=5,m=120	0.0	3.91e-02	0.2	2.63e-02	39,11,11	0.2	0.7	0.1	0.1	1.0	1.0	11,40
	63.5	4.50e-02	3.70e-02	4.64e-03	11,4,11	0.1	0.7	0.1	9.41e-02	1.0	1.0	40,40
	127.0	5.88e-02	2.92e-02	8.43e-03	11,18,11	8.97e-02	0.7	0.1	8.33e-02	1.0	1.0	40,40
130 ok T,s=4,m=120	0.0	0.4	0.0	0.1	11,0,11	0.0	0.7	0.1	0.1	1.0	1.0	0,11
	180.2	0.6	0.0	5.71e-03	11,0,11	0.0	0.7	0.1	0.3	1.0	1.0	0,11
	360.3	3.07e-03	1.36e-04	0.1	36,11,11	0.1	0.7	0.1	0.1	1.0	1.0	11,11
131 ok T,s=4,m=120	0.0	3.00e-02		0.1	1,0,11				0.0	1.0	1.0	0,1
	176.3	0.6		5.03e-03	11,0,11				0.3	1.0	1.0	0,11
	352.6	0.4		0.1	11,0,11				0.1	1.0	1.0	0,11
132 ok T,s=5,m=120	0.0		1.92e-03	1.02e-02	0,11,11	5.26e-02	1.0	0.8	5.26e-02	1.0	1.0	11,11
	46.9		1.82e-02	7.86e-03	0,11,11	5.95e-02	1.0	0.8	4.76e-02	1.0	1.0	11,11
	93.7		3.05e-02	1.23e-02	0,11,11	6.51e-02	1.0	0.8	4.39e-02	1.0	1.0	11,11
133 ok T,s=5,m=120	0.0		2.85e-02	1.43e-02	0,11,11	6.28e-02	1.0	0.8	4.19e-02	1.0	1.0	11,11
	48.7		3.13e-02	7.60e-03	0,11,11	6.86e-02	1.0	0.8	4.73e-02	1.0	1.0	11,11
	97.3		1.88e-03	1.27e-02	0,11,11	5.32e-02	1.0	0.8	5.32e-02	1.0	1.0	11,11
134 ok T,s=5,m=120	0.0		2.13e-03	1.08e-02	0,11,11	5.59e-02	1.0	0.8	5.59e-02	1.0	1.0	11,11
	47.5		2.18e-02	8.14e-03	0,11,11	6.63e-02	1.0	0.8	5.05e-02	1.0	1.0	11,11
	95.0		3.87e-02	1.35e-02	0,11,11	7.60e-02	1.0	0.8	4.67e-02	1.0	1.0	11,11
135 ok T,s=5,m=120	0.0		4.26e-02	1.23e-02	0,11,11	8.44e-02	1.0	0.8	4.95e-02	1.0	1.0	11,11
	48.3		2.35e-02	7.30e-03	0,11,11	7.14e-02	1.0	0.8	5.30e-02	1.0	1.0	11,11
	96.7		2.27e-03	9.79e-03	0,11,11	5.81e-02	1.0	0.8	5.81e-02	1.0	1.0	11,11
136 ok T,s=5,m=120	0.0		1.39e-03	1.02e-02	0,11,11	4.50e-02	1.0	0.8	4.50e-02	1.0	1.0	11,11
	47.2		4.09e-02	3.99e-03	0,11,11	7.18e-02	1.0	0.8	4.00e-02	1.0	1.0	11,11
	94.4		9.92e-03	7.93e-03	0,11,11	4.27e-02	1.0	0.8	3.36e-02	1.0	1.0	11,11
137 ok T,s=5,m=120	0.0		2.38e-03	1.46e-02	0,11,11	5.96e-02	1.0	0.8	5.96e-02	1.0	1.0	11,11
	48.3		4.23e-02	8.10e-03	0,11,11	8.40e-02	1.0	0.8	5.48e-02	1.0	1.0	11,11
	96.6		8.64e-03	1.21e-02	0,11,11	5.47e-02	1.0	0.8	4.84e-02	1.0	1.0	11,11
138 ok T,s=5,m=120	0.0		3.38e-02	1.14e-02	0,11,11	7.16e-02	1.0	0.8	4.85e-02	1.0	1.0	11,11
	47.4		1.98e-02	5.94e-03	0,11,11	6.50e-02	1.0	0.8	5.24e-02	1.0	1.0	11,11
	94.7		2.31e-03	8.73e-03	0,11,11	5.81e-02	1.0	0.8	5.81e-02	1.0	1.0	11,11
139 ok T,s=5,m=120	0.0		1.82e-03	8.49e-03	0,11,11	5.20e-02	1.0	0.8	5.20e-02	1.0	1.0	11,11
	48.2		2.38e-02	5.88e-03	0,11,11	6.53e-02	1.0	0.8	4.70e-02	1.0	1.0	11,11
	96.4		3.59e-02	1.03e-02	0,11,11	7.29e-02	1.0	0.8	4.32e-02	1.0	1.0	11,11
140 ok T,s=4,m=120	0.0	0.3		5.43e-03	11,0,11				8.40e-03	1.0	1.0	0,11

		60.0	0.2	1.98e-03	11,0,11			1.22e-04	1.0	1.0	0,11		
		120.0	0.2	1.27e-03	11,0,11			0.0	1.0	1.0	0,1		
141 ok T,s=4,m=120		0.0	0.2	6.18e-03	11,0,11			1.01e-02	1.0	1.0	0,11		
		60.0	0.1	2.40e-03	11,0,11			2.15e-04	1.0	1.0	0,11		
	9.09e-02	120.0		1.23e-03	11,0,11			0.0	1.0	1.0	0,1		
142 ok T,s=4,m=120		0.0	0.1	1.90e-02	11,0,11			8.43e-04	1.0	1.0	0,11		
		81.9	0.2	6.06e-03	11,0,11			3.01e-03	1.0	1.0	0,11		
		163.9	0.1	8.35e-03	11,0,11			7.93e-04	1.0	1.0	0,11		
143 ok T,s=4,m=120		0.0	0.2	5.63e-02	2.63e-02	11,1,11	6.75e-02	0.5	0.4	2.54e-02	1.0	1.0	1,45
	7.29e-02	81.9		1.94e-02	6.96e-03	11,1,11	3.08e-02	0.5	0.4	2.28e-02	1.0	1.0	45,45
	0.1	163.9		3.94e-02	5.48e-03	11,1,11	4.48e-02	0.5	0.4	2.20e-02	1.0	1.0	1,45
181 ok T,s=5,m=120		0.0		4.54e-02	5.00e-03	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
		75.0		7.07e-02	1.06e-03	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
		150.0		1.89e-02	1.09e-02	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
182 ok T,s=5,m=120		0.0		1.23e-02	4.33e-02	0,11,11	0.4	0.9	0.2	0.4	1.0	1.0	11,11
		112.8		0.3	4.29e-03	0,11,11	0.7	0.9	0.2	0.6	1.0	1.0	11,11
		225.5		1.94e-02	6.10e-02	0,11,11	0.6	0.9	0.2	0.6	1.0	1.0	11,11
183 ok T,s=5,m=120		0.0		8.99e-03	4.05e-02	0,11,11	0.4	0.9	0.2	0.4	1.0	1.0	11,11
		114.6		0.3	6.68e-03	0,11,11	0.6	0.9	0.2	0.5	1.0	1.0	11,11
		229.2		1.45e-02	5.38e-02	0,11,11	0.5	0.9	0.2	0.5	1.0	1.0	11,11
184 ok T,s=5,m=120		0.0		6.48e-03	4.44e-02	0,11,11	0.3	0.9	0.2	0.3	1.0	1.0	11,11
		113.8		0.3	1.55e-04	0,11,11	0.6	0.9	0.2	0.5	1.0	1.0	11,11
		227.5		1.22e-02	6.38e-02	0,11,11	0.4	0.9	0.2	0.4	1.0	1.0	11,11
185 ok T,s=5,m=120		0.0		1.50e-02	7.84e-02	0,11,11	0.5	0.9	0.3	0.5	1.0	1.0	11,11
		111.4		0.3	6.61e-03	0,11,11	0.6	0.9	0.3	0.5	1.0	1.0	11,11
		222.8		8.19e-03	5.10e-02	0,11,11	0.4	0.9	0.3	0.4	1.0	1.0	11,11
186 ok T,s=5,m=120		0.0		1.35e-02	4.45e-02	0,11,11	0.5	0.9	0.3	0.5	1.0	1.0	11,11
		112.4		0.2	5.78e-03	0,11,11	0.6	0.9	0.3	0.5	1.0	1.0	11,11
		224.8		8.46e-03	3.43e-02	0,11,11	0.4	0.9	0.3	0.4	1.0	1.0	11,11
187 ok T,s=5,m=120		0.0		1.24e-02	5.57e-02	0,11,11	0.4	0.9	0.3	0.4	1.0	1.0	11,11
		111.9		0.3	3.28e-03	0,11,11	0.6	0.9	0.3	0.4	1.0	1.0	11,11
		223.9		7.00e-03	3.91e-02	0,11,11	0.3	0.9	0.3	0.3	1.0	1.0	11,11
188 ok T,s=4,m=120		0.0		9.74e-02	3.53e-02	0,11,11	0.4	0.5	0.4	0.3	1.0	1.0	11,11
		81.9		0.2	1.42e-02	0,11,11	0.5	0.5	0.4	0.3	1.0	1.0	11,11
		163.9		0.3	1.32e-02	0,11,11	0.5	0.5	0.4	0.3	1.0	1.0	11,11
189 ok T,s=5,m=120		0.0		7.93e-03	4.16e-02	0,11,11	0.4	0.9	0.3	0.4	1.0	1.0	11,11
		111.9		0.3	3.24e-03	0,11,11	0.6	0.9	0.3	0.5	1.0	1.0	11,11
		223.8		1.38e-02	5.77e-02	0,11,11	0.5	0.9	0.3	0.5	1.0	1.0	11,11
190 ok T,s=5,m=120		0.0		1.49e-02	5.90e-02	0,11,11	0.5	0.9	0.3	0.5	1.0	1.0	11,11
		111.7		0.3	5.02e-03	0,11,11	0.6	0.9	0.3	0.5	1.0	1.0	11,11
		223.4		8.86e-03	4.09e-02	0,11,11	0.4	0.9	0.3	0.4	1.0	1.0	11,11
191 ok T,s=5,m=120		0.0		8.46e-02	1.79e-02	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
		75.0		0.1	1.65e-02	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
		150.0		1.76e-02	3.39e-02	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
192 ok T,s=5,m=120		0.0		1.83e-02	2.56e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		50.9		1.54e-02	2.57e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		101.8		8.34e-03	2.61e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
193 ok T,s=5,m=120		0.0		1.21e-02	3.43e-03	0,1,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		50.0		1.13e-02	3.42e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
		100.0		8.84e-03	3.43e-03	0,11,11	0.1	0.9	0.8	0.1	1.0	1.0	11,11
203 ok T,s=5,m=120		0.0		0.4	1.03e-03	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
		62.5		0.3	2.74e-03	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
		125.0		0.2	1.45e-02	0,11,11	0.5	0.6	0.7	0.3	1.0	1.0	11,11
204 ok T,s=5,m=120		0.0		0.3	1.95e-02	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
		62.5		0.3	2.28e-02	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
		125.0		0.1	3.88e-02	0,11,11	0.4	0.6	0.7	0.3	1.0	1.0	11,11
205 NVT,s=5,m=120		0.0		1.83e-03	0.2	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	11,11
		176.3		0.7	2.39e-03	0,11,11	1.2	0.7	0.1	1.2	1.0	1.0	11,11
		352.7		8.94e-03	0.2	0,11,11	0.9	0.7	0.1	0.9	1.0	1.0	11,11
206 NVT,s=5,m=120		0.0		8.91e-03	0.2	0,11,11	0.9	0.7	0.1	0.9	1.0	1.0	11,11
		176.2		0.7	2.56e-03	0,11,11	1.2	0.7	0.1	1.2	1.0	1.0	11,11
		352.5		1.81e-03	0.2	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	11,11
207 NVT,s=5,m=120		0.0		8.69e-03	0.1	0,11,11	0.9	0.7	0.1	0.9	1.0	1.0	11,11
		176.1		0.7	1.53e-03	0,11,11	1.1	0.7	0.1	1.2	1.0	1.0	11,11
		352.3		1.79e-03	0.1	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	11,11
209 NVT,s=5,m=120		0.0		8.68e-03	0.1	0,11,11	0.9	0.7	0.1	0.9	1.0	1.0	11,11
		176.2		0.7	1.35e-03	0,11,11	1.1	0.7	0.1	1.2	1.0	1.0	11,11
		352.4		1.78e-03	0.1	0,11,11	0.4	0.7	0.1	0.4	1.0	1.0	11,11
210 ok T,s=4,m=120		0.0	0.2	9.73e-03	11,0,11			2.72e-03	1.0	1.0	0,11		
		83.6	0.2	1.10e-02	11,0,11			1.29e-03	1.0	1.0	0,11		
		167.2	0.3	3.33e-02	11,0,11			1.50e-02	1.0	1.0	0,11		
211 ok T,s=4,m=120		0.0	0.1	2.61e-02	7.41e-03	11,5,11	3.09e-02	0.5	0.4	6.13e-03	1.0	1.0	5,5
	8.79e-02	83.6		1.16e-02	9.71e-03	11,5,11	1.76e-02	0.5	0.4	7.12e-03	1.0	1.0	5,5
	0.2	167.2		6.35e-02	3.22e-02	11,1,11	6.68e-02	0.5	0.4	1.91e-02	1.0	1.0	1,11
212 ok T,s=4,m=120		0.0	2.29e-02	3.72e-02	4.27e-02	27,11,11	0.2	0.5	0.4	0.2	1.0	1.0	11,11
	5.03e-02	81.9		0.2	1.66e-02	5,11,11	0.3	0.5	0.4	0.2	1.0	1.0	11,11
	6.99e-02	163.9		0.3	1.51e-02	27,11,11	0.4	0.5	0.4	0.2	1.0	1.0	11,11

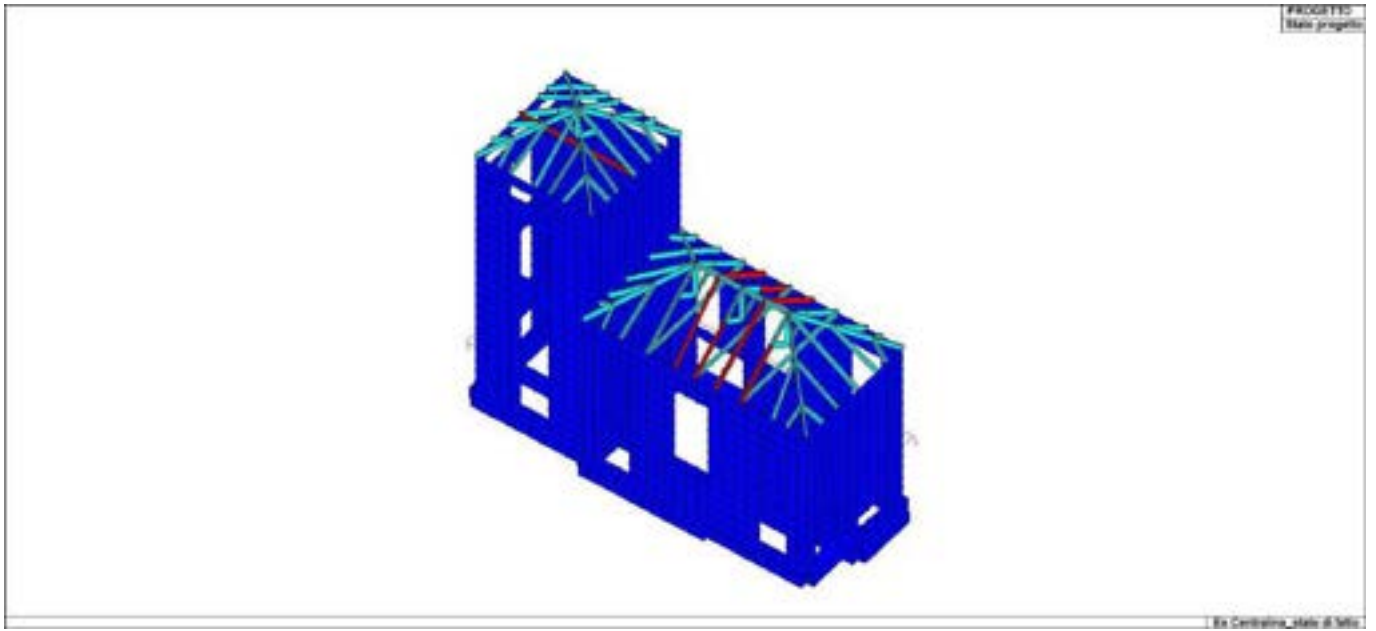
218 ok T,s=5,m=120	0.0	0.0	6.51e-04	4.84e-02	0,11,11	9.48e-02	0.9	0.3	9.48e-02	1.0	1.0	11,11
	108.2	5.17e-02	0.2	1.16e-02	5,11,11	0.2	0.9	0.3	9.67e-02	1.0	1.0	11,11
	216.5	4.10e-03	2.07e-05	3.78e-02	1,14,11	1.69e-02	0.9	0.3	1.69e-02	1.0	1.0	14,14
219 ok T,s=5,m=120	0.0	8.08e-03	1.81e-06	3.63e-02	1,14,11	4.79e-03	0.9	0.3	4.79e-03	1.0	1.0	14,14
	105.8	8.20e-02	0.2	1.21e-02	1,11,11	0.2	0.9	0.3	7.52e-02	1.0	1.0	11,11
	211.5	0.0	4.50e-04	4.38e-02	0,11,11	7.56e-02	0.9	0.3	7.56e-02	1.0	1.0	11,11
220 ok T,s=5,m=120	0.0	7.17e-03	2.54e-06	3.86e-02	1,14,11	5.84e-03	0.9	0.3	5.84e-03	1.0	1.0	14,14
	107.5	8.72e-02	0.2	1.12e-02	1,11,11	0.2	0.9	0.3	8.58e-02	1.0	1.0	11,11
	215.0	0.0	5.08e-04	4.83e-02	0,11,11	8.27e-02	0.9	0.3	8.27e-02	1.0	1.0	11,11
221 ok T,s=5,m=120	0.0	2.79e-04	2.56e-04	2.81e-02	15,11,11	5.88e-02	0.9	0.3	5.88e-02	1.0	1.0	11,11
	107.6	8.07e-02	0.2	2.29e-05	1,11,11	0.2	0.9	0.3	5.93e-02	1.0	1.0	11,11
	215.2	7.90e-03	0.0	2.29e-02	1,0,11	0.0	0.9	0.3	0.0	1.0	1.0	0,1
222 ok T,s=5,m=120	0.0	1.01e-02	0.0	3.74e-02	1,0,11	0.0	0.9	0.3	0.0	1.0	1.0	0,1
	106.4	9.73e-02	0.2	1.29e-02	10,11,11	0.2	0.9	0.3	6.24e-02	1.0	1.0	11,11
	212.7	7.78e-04	3.04e-04	4.66e-02	5,11,11	6.28e-02	0.9	0.3	6.28e-02	1.0	1.0	11,11
223 ok T,s=5,m=120	0.0	0.0	5.40e-04	4.86e-02	0,11,11	8.33e-02	0.9	0.3	8.33e-02	1.0	1.0	11,11
	106.2	4.97e-02	0.2	1.40e-02	5,11,11	0.2	0.9	0.3	8.25e-02	1.0	1.0	11,11
	212.3	4.74e-03	6.28e-06	3.86e-02	1,14,11	8.98e-03	0.9	0.3	8.98e-03	1.0	1.0	14,14
224 ok T,s=5,m=120	0.0	0.0	0.4	6.82e-02	0,11,11	0.7	0.6	0.7	0.4	1.0	1.0	11,11
	62.5	0.1	0.1	0.1	0,11,11	0.4	0.6	0.7	0.3	1.0	1.0	11,11
	125.0	0.6	0.1	0.1	0,11,11	0.9	0.6	0.7	0.6	1.0	1.0	11,11
225 ok T,s=5,m=120	0.0	0.0	0.4	7.37e-02	0,11,11	0.7	0.6	0.7	0.4	1.0	1.0	11,11
	62.5	0.1	0.1	0.1	0,11,11	0.4	0.6	0.7	0.3	1.0	1.0	11,11
	125.0	0.6	0.1	0.1	0,11,11	0.9	0.6	0.7	0.6	1.0	1.0	11,11
226 ok T,s=5,m=120	0.0	6.01e-03	2.88e-06	2.11e-02	1,14,11	6.24e-03	0.9	0.3	6.24e-03	1.0	1.0	14,14
	107.7	7.59e-02	0.2	2.27e-05	1,11,11	0.2	0.9	0.3	7.10e-02	1.0	1.0	11,11
	215.3	0.0	3.78e-04	2.51e-02	0,11,11	7.15e-02	0.9	0.3	7.15e-02	1.0	1.0	11,11
227 ok T,s=5,m=120	0.0	8.15e-05	5.04e-04	4.41e-02	5,11,11	8.14e-02	0.9	0.3	8.14e-02	1.0	1.0	11,11
	106.8	8.52e-02	0.2	9.04e-03	1,11,11	0.2	0.9	0.3	8.13e-02	1.0	1.0	11,11
	213.6	8.52e-03	4.56e-06	3.40e-02	1,14,11	7.74e-03	0.9	0.3	7.74e-03	1.0	1.0	14,14
236 ok T,s=5,m=120	0.0	0.0	1.77e-02	1.12e-02	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
	75.0	0.0	7.21e-02	1.16e-03	0,11,14	0.3	0.6	0.5	0.3	1.0	1.0	11,11
	150.0	0.0	4.03e-02	4.90e-03	0,11,11	0.3	0.6	0.5	0.2	1.0	1.0	11,11
237 ok T,s=5,m=120	0.0	0.0	1.61e-02	8.47e-03	0,11,11	0.3	0.6	0.5	0.3	1.0	1.0	11,11
	75.0	0.0	6.66e-02	3.82e-04	0,11,11	0.3	0.6	0.5	0.2	1.0	1.0	11,11
	150.0	0.0	3.46e-02	3.28e-03	0,1,11	0.3	0.6	0.5	0.2	1.0	1.0	11,11
238 ok T,s=5,m=120	0.0	0.0	0.6	0.1	0,11,11	0.9	0.6	0.7	0.6	1.0	1.0	11,11
	62.5	0.1	0.1	0.1	0,11,11	0.4	0.6	0.7	0.3	1.0	1.0	11,11
	125.0	0.4	7.47e-02	0.1	0,11,11	0.7	0.6	0.7	0.4	1.0	1.0	11,11
239 ok T,s=5,m=120	0.0	0.0	0.6	0.1	0,11,11	0.9	0.6	0.7	0.6	1.0	1.0	11,11
	62.5	0.1	0.1	0.1	0,11,11	0.4	0.6	0.7	0.3	1.0	1.0	11,11
	125.0	0.3	7.01e-02	0.1	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
240 NVT,s=5,m=120	0.0	0.0	2.70e-02	8.92e-04	0,1,1	1.2	0.45.45e-02	1.2	0.9	1.0	1.0	1,1
	249.5	0.0	4.80e-02	4.33e-04	0,1,11	1.3	0.45.45e-02	1.2	0.9	1.0	1.0	1,1
	499.0	0.0	3.16e-02	9.35e-04	0,1,1	1.2	0.45.45e-02	1.2	0.9	1.0	1.0	1,1
241 ok T,s=5,m=120	0.0	0.1	0.0	2.54e-02	1,0,11	0.0	0.0	0.0	0.0	1.0	1.0	0,1
	103.8	0.2	0.0	1.93e-03	11,0,11	0.0	0.0	1.66e-02	1.0	1.0	1.0	0,11
	207.7	0.3	0.0	5.49e-02	11,0,11	0.0	0.0	3.07e-02	1.0	1.0	1.0	0,11
242 ok T,s=5,m=120	0.0	0.2	0.0	2.78e-03	11,0,11	0.0	0.0	4.92e-04	1.0	1.0	1.0	0,11
	50.0	0.2	0.0	3.52e-03	11,0,11	0.0	0.0	1.10e-03	1.0	1.0	1.0	0,11
	100.0	0.2	0.0	1.26e-02	11,0,11	0.0	0.0	9.27e-03	1.0	1.0	1.0	0,11
243 ok T,s=5,m=120	0.0	3.34e-02	3.05e-06	4.30e-02	11,46,11	1.30e-02	0.8	0.1	1.30e-02	1.0	1.0	46,46
	156.4	0.3	0.0	5.80e-03	11,0,11	0.0	0.8	0.1	5.11e-02	1.0	1.0	0,11
	312.9	0.5	0.0	7.24e-02	11,0,11	0.0	0.8	0.1	0.2	1.0	1.0	0,11
244 ok T,s=5,m=120	0.0	0.5	0.0	6.85e-02	11,0,11	0.0	0.8	0.1	0.2	1.0	1.0	0,11
	156.3	0.3	0.0	4.38e-03	11,0,11	0.0	0.8	0.1	4.31e-02	1.0	1.0	0,11
	312.6	0.1	2.57e-03	5.65e-02	11,41,11	1.15e-02	0.8	0.1	1.02e-02	1.0	1.0	35,35
245 ok P,s=5,m=120	0.0	5.79e-02	0.0	1.67e-03	11,0,11	0.0	0.0	0.0	0.0	1.0	1.0	0,0
	70.0	6.16e-02	0.0	1.67e-03	11,0,11	0.0	0.0	0.0	0.0	1.0	1.0	0,0
	140.0	6.81e-02	0.0	1.67e-03	11,0,11	0.0	0.0	0.0	0.0	1.0	1.0	0,0
246 ok T,s=5,m=120	0.0	0.0	8.02e-02	2.05e-03	0,11,11	0.1	1.0	0.7	4.77e-02	1.0	1.0	11,11
	57.5	0.0	3.37e-02	1.81e-03	0,11,11	6.49e-02	1.0	0.7	4.29e-02	1.0	1.0	11,11
	115.0	0.0	1.09e-02	1.59e-03	0,11,11	4.95e-02	1.0	0.7	4.23e-02	1.0	1.0	11,11
247 ok T,s=5,m=120	0.0	0.0	1.24e-02	3.49e-03	0,11,11	5.06e-02	1.0	0.7	4.25e-02	1.0	1.0	11,11
	57.5	0.0	3.47e-02	3.72e-03	0,11,11	6.58e-02	1.0	0.7	4.31e-02	1.0	1.0	11,11
	115.0	0.0	8.37e-02	3.97e-03	0,11,11	0.1	1.0	0.7	4.84e-02	1.0	1.0	11,11
248 ok T,s=5,m=120	0.0	0.2	0.0	1.17e-02	11,0,11	0.0	0.0	9.26e-03	1.0	1.0	1.0	0,11
	50.0	0.2	0.0	1.80e-03	1,0,11	0.0	0.0	7.46e-04	1.0	1.0	1.0	0,11
	100.0	0.2	0.0	7.79e-04	1,0,11	0.0	0.0	2.17e-04	1.0	1.0	1.0	0,45
249 ok T,s=5,m=120	0.0	0.3	0.0	5.78e-02	11,0,11	0.0	0.0	3.18e-02	1.0	1.0	1.0	0,11
	103.8	0.2	0.0	1.99e-03	11,0,11	0.0	0.0	1.86e-02	1.0	1.0	1.0	0,11
	207.7	0.1	0.0	2.87e-02	1,0,11	0.0	0.0	0.0	1.0	1.0	1.0	0,1
250 ok T,s=5,m=120	0.0	0.0	0.2	8.89e-03	0,11,11	0.2	1.0	0.7	6.95e-02	1.0	1.0	11,11
	60.5	0.0	0.1	1.09e-02	0,11,11	0.2	1.0	0.7	7.22e-02	1.0	1.0	11,11
	120.9	0.0	1.87e-03	3.44e-02	0,11,11	6.37e-02	1.0	0.7	6.37e-02	1.0	1.0	11,11
251 ok T,s=5,m=120	0.0	0.0	2.86e-03	2.91e-02	0,11,11	7.51e-02	1.0	0.7	7.51e-02	1.0	1.0	11,11
	57.7	0.0	0.1	1.05e-02	0,11,11	0.2	1.0	0.7	8.55e-02	1.0	1.0	11,11

	115.4	0.2	6.05e-03	0,11,14	0.2	1.0	0.7	9.47e-02	1.0	1.0	11,11
252 ok T,s=5,m=120	0.0	0.2	8.86e-03	0,11,11	0.2	1.0	0.7	8.30e-02	1.0	1.0	11,11
	58.3	0.1	1.32e-02	0,11,11	0.2	1.0	0.7	7.77e-02	1.0	1.0	11,11
	116.7	2.20e-03	3.61e-02	0,11,11	6.65e-02	1.0	0.7	6.65e-02	1.0	1.0	11,11
253 ok T,s=5,m=120	0.0	2.29e-03	3.60e-02	0,11,11	6.88e-02	1.0	0.7	6.88e-02	1.0	1.0	11,11
	59.1	0.1	1.35e-02	0,11,11	0.2	1.0	0.7	8.08e-02	1.0	1.0	11,11
	118.3	0.2	9.04e-03	0,11,11	0.2	1.0	0.7	8.76e-02	1.0	1.0	11,11
254 ok T,s=5,m=120	0.0	2.62e-02	1.83e-02	0,11,11	8.84e-02	1.0	0.7	6.44e-02	1.0	1.0	11,11
	57.8	5.92e-02	1.45e-02	0,11,11	0.1	1.0	0.7	7.22e-02	1.0	1.0	11,11
	115.6	3.02e-03	2.22e-02	0,11,11	7.72e-02	1.0	0.7	7.72e-02	1.0	1.0	11,11
255 ok T,s=5,m=120	0.0	0.2	4.62e-02	0,11,11	0.3	1.0	0.7	0.1	1.0	1.0	11,11
	60.3	5.23e-02	1.71e-02	0,11,11	0.1	1.0	0.7	6.91e-02	1.0	1.0	11,11
	120.6	1.68e-03	1.09e-02	0,11,11	6.03e-02	1.0	0.7	6.03e-02	1.0	1.0	11,11
256 ok T,s=5,m=120	0.0	0.2	5.68e-03	0,11,14	0.2	1.0	0.7	8.51e-02	1.0	1.0	11,11
	58.6	0.1	9.28e-03	0,11,11	0.2	1.0	0.7	7.94e-02	1.0	1.0	11,11
	117.3	2.43e-03	2.73e-02	0,11,11	7.04e-02	1.0	0.7	7.04e-02	1.0	1.0	11,11
257 ok T,s=5,m=120	0.0	2.56e-03	3.65e-02	0,11,11	7.11e-02	1.0	0.7	7.11e-02	1.0	1.0	11,11
	57.7	0.1	1.08e-02	0,11,11	0.2	1.0	0.7	8.10e-02	1.0	1.0	11,11
	115.4	0.2	7.28e-03	0,11,11	0.2	1.0	0.7	8.19e-02	1.0	1.0	11,11
258 ok T,s=5,m=120	0.0	0.2	1.76e-02	0,11,11	0.5	0.6	0.7	0.3	1.0	1.0	11,11
	62.5	0.3	6.40e-03	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
	125.0	0.4	4.81e-03	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
259 ok T,s=5,m=120	0.0	0.3	1.12e-02	0,11,11	0.5	0.6	0.7	0.4	1.0	1.0	11,11
	62.5	0.3	1.59e-03	0,11,11	0.6	0.6	0.7	0.4	1.0	1.0	11,11
	125.0	0.4	7.09e-04	0,11,11	0.7	0.6	0.7	0.4	1.0	1.0	11,11

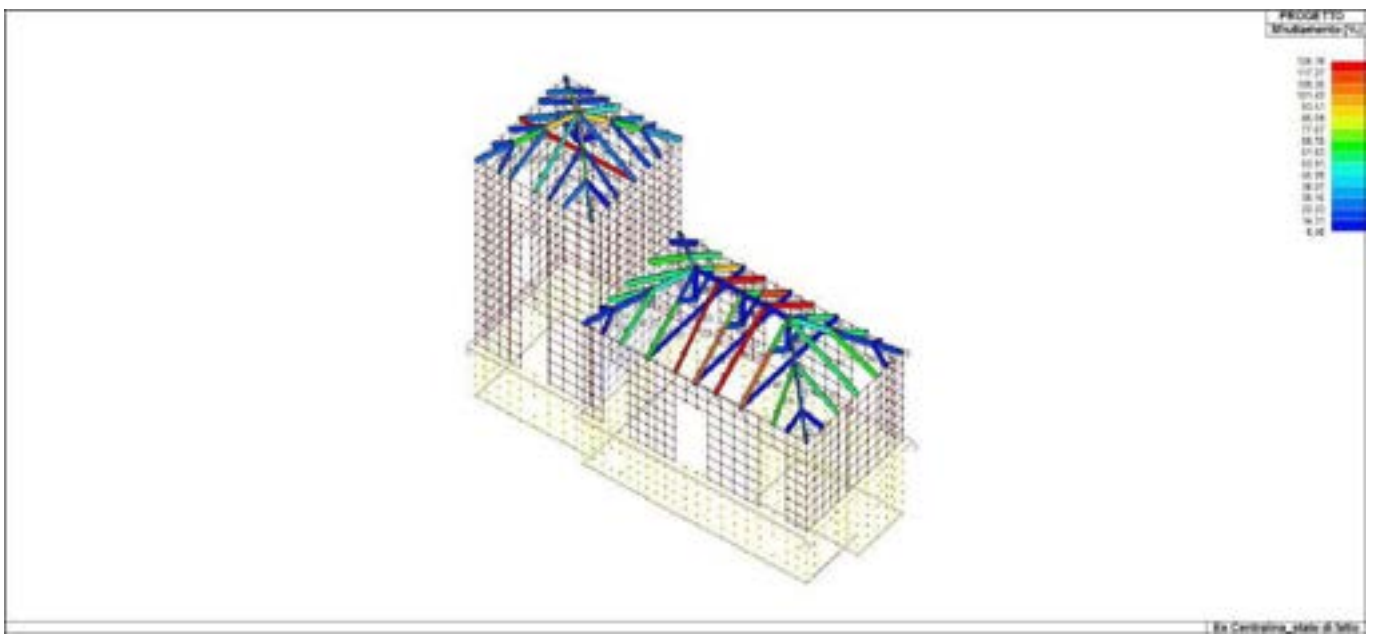
Elem.	Ver N+M	Ver N-M	Ver V/T	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)
	0.57	0.74	0.15	1.25	0.43	0.05	1.22	0.81	1.00

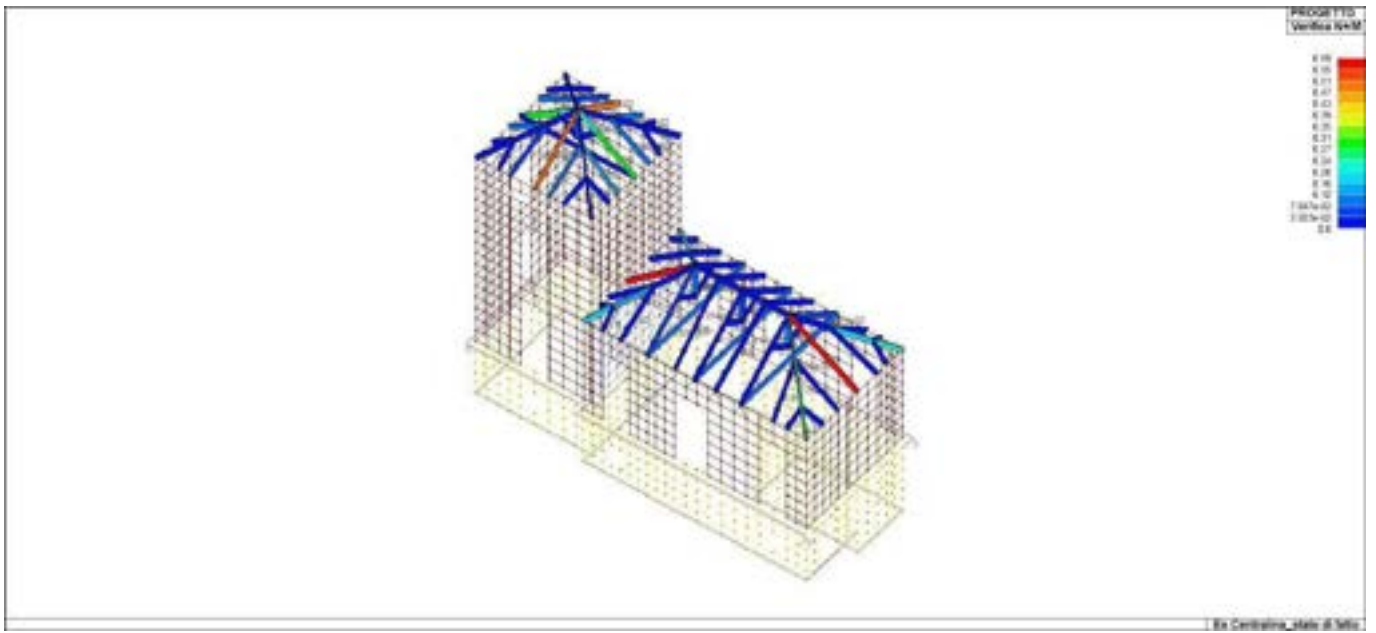
Elem.	w,net R	w,net F	w,net P	Rif. cmb	Kdef	w,net Ri	w,net Fi	w,net Pi	Rif. cmb
100	0.7	0.5	0.4	85,90,92	0.8	1.1	0.8	0.8	85,90,92
101	0.3	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
102	0.7	0.3	0.3	85,87,92	0.8	0.9	0.6	0.6	85,87,92
103	0.5	0.3	0.3	85,87,92	0.8	0.6	0.5	0.5	85,87,92
104	0.3	0.3	0.3	82,87,92	0.8	0.6	0.6	0.6	82,87,92
105	0.2	0.2	0.2	79,86,91	0.8	0.3	0.3	0.3	79,86,91
106	0.2	0.2	0.2	81,87,92	0.8	0.4	0.4	0.4	81,87,92
107	0.3	0.2	0.2	82,87,92	0.8	0.4	0.4	0.4	82,87,92
108	0.9	0.5	0.4	85,90,92	0.8	1.2	0.8	0.8	85,90,92
109	0.5	0.3	0.2	85,90,92	0.8	0.7	0.5	0.4	85,90,92
110	0.1	0.1	0.1	82,87,92	0.8	0.2	0.2	0.2	82,87,92
111	0.3	0.3	0.3	82,87,92	0.8	0.5	0.5	0.5	82,87,92
112	0.3	0.3	0.3	82,87,92	0.8	0.5	0.5	0.5	82,87,92
113	0.3	0.2	0.2	85,87,92	0.8	0.4	0.4	0.4	82,87,92
114	0.1	0.1	9.80e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
115	0.2	0.2	0.2	79,86,91	0.8	0.3	0.3	0.3	79,86,91
116	1.9	1.0	0.8	85,90,92	0.8	2.5	1.6	1.4	85,90,92
117	2.0	1.0	0.8	85,90,92	0.8	2.6	1.6	1.4	85,90,92
118	1.4	0.7	0.5	85,90,92	0.8	1.8	1.1	0.9	85,90,92
119	0.2	0.2	0.2	79,86,91	0.8	0.4	0.4	0.4	79,86,91
120	1.6	0.8	0.7	85,90,92	0.8	2.2	1.4	1.2	85,90,92
121	1.5	0.8	0.7	85,90,92	0.8	2.1	1.3	1.2	85,90,92
122	0.2	0.2	0.2	79,86,91	0.8	0.3	0.3	0.3	79,86,91
123	1.4	0.7	0.5	85,90,92	0.8	1.8	1.1	0.9	85,90,92
124	0.7	0.4	0.4	85,90,92	0.8	0.9	0.7	0.7	85,87,92
125	0.9	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
126	0.5	0.3	0.3	85,90,92	0.8	0.7	0.6	0.6	85,90,92
127	0.2	0.2	0.2	79,86,91	0.8	0.4	0.4	0.4	79,86,91
128	0.3	0.1	9.01e-02	85,90,92	0.8	0.4	0.2	0.2	85,90,92
129	0.7	0.3	0.3	85,90,92	0.8	1.0	0.6	0.5	85,90,92
130	1.1	0.5	0.4	85,90,92	0.8	1.5	0.9	0.8	85,90,92
131	1.0	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
132	0.3	0.3	0.3	79,86,91	0.8	0.5	0.5	0.5	79,86,91
133	0.3	0.2	0.2	85,90,92	0.8	0.5	0.4	0.4	85,90,92
134	0.5	0.4	0.4	85,90,92	0.8	0.8	0.7	0.7	85,90,92
135	0.2	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
136	0.5	0.3	0.3	85,90,92	0.8	0.8	0.6	0.5	85,90,92
137	0.4	0.3	0.3	85,90,92	0.8	0.6	0.5	0.5	85,90,92
138	0.2	0.1	9.00e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
139	8.87e-02	8.87e-02	8.87e-02	79,86,91	0.8	0.2	0.2	0.2	79,86,91
140	0.2	0.2	0.2	79,86,91	0.8	0.3	0.3	0.3	79,86,91
141	0.5	0.4	0.3	85,90,92	0.8	0.8	0.6	0.6	85,90,92
142	0.2	0.2	0.1	85,87,92	0.8	0.3	0.3	0.3	85,87,92
143	0.3	0.1	8.29e-02	85,90,92	0.8	0.4	0.2	0.1	85,90,92
181	1.2	0.7	0.6	85,90,92	0.8	1.6	1.1	1.0	85,90,92

182	0.4	0.2	0.2	85,86,91	0.8	0.5	0.4	0.4	85,86,91
183	0.5	0.3	0.3	85,90,92	0.8	0.8	0.5	0.5	85,90,92
184	0.5	0.2	0.2	85,90,92	0.8	0.6	0.4	0.4	85,90,92
185	0.4	0.2	0.2	85,90,92	0.8	0.5	0.4	0.4	85,90,92
186	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.2	85,90,92
187	0.4	0.2	0.1	85,90,92	0.8	0.5	0.3	0.3	85,90,92
188	0.6	0.3	0.3	85,90,92	0.8	0.8	0.6	0.5	85,90,92
189	0.8	0.5	0.5	85,90,92	0.8	1.2	0.9	0.9	85,90,92
190	0.4	0.3	0.2	85,90,92	0.8	0.6	0.5	0.4	85,90,92
191	1.0	0.6	0.5	85,90,92	0.8	1.4	0.9	0.8	85,90,92
192	0.4	0.3	0.3	85,87,92	0.8	0.6	0.6	0.6	85,87,92
193	0.3	0.2	0.2	81,87,92	0.8	0.4	0.4	0.4	81,87,92
203	0.3	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
204	0.2	0.1	0.1	85,87,92	0.8	0.3	0.2	0.2	85,87,92
205	1.6	0.8	0.6	85,90,92	0.8	2.0	1.2	1.1	85,90,92
206	1.6	0.8	0.6	85,90,92	0.8	2.0	1.2	1.1	85,90,92
207	1.5	0.7	0.6	85,90,92	0.8	2.0	1.2	1.1	85,90,92
209	1.5	0.7	0.6	85,90,92	0.8	2.0	1.2	1.1	85,90,92
210	0.2	0.1	0.1	85,86,91	0.8	0.2	0.2	0.2	79,86,91
211	0.8	0.5	0.5	85,90,92	0.8	1.2	0.9	0.9	85,90,92
212	0.4	0.2	0.2	85,90,92	0.8	0.5	0.3	0.3	85,90,92
218	0.6	0.3	0.2	85,90,92	0.8	0.8	0.4	0.4	85,90,92
219	0.6	0.2	0.1	85,90,92	0.8	0.7	0.3	0.3	85,90,92
220	0.7	0.3	0.2	85,90,92	0.8	0.9	0.5	0.4	85,90,92
221	0.5	0.1	0.1	85,90,92	0.8	0.5	0.2	0.2	85,90,92
222	0.5	0.2	0.2	85,90,92	0.8	0.7	0.4	0.3	85,90,92
223	0.7	0.3	0.3	85,90,92	0.8	0.9	0.5	0.5	85,90,92
224	1.1	0.5	0.4	85,90,92	0.8	1.4	0.9	0.8	85,90,92
225	1.2	0.6	0.5	85,90,92	0.8	1.6	1.1	1.0	85,90,92
226	0.6	0.2	0.2	85,90,92	0.8	0.8	0.4	0.3	85,90,92
227	0.8	0.4	0.3	85,90,92	0.8	1.0	0.6	0.5	85,90,92
236	1.3	0.8	0.7	85,90,92	0.8	1.8	1.3	1.2	85,90,92
237	1.3	0.8	0.6	85,90,92	0.8	1.8	1.3	1.2	85,90,92
238	1.2	0.7	0.6	85,90,92	0.8	1.7	1.1	1.0	85,90,92
239	1.2	0.7	0.6	85,90,92	0.8	1.7	1.2	1.1	85,90,92
240	0.1	0.1	0.1	82,87,92	0.8	0.2	0.2	0.2	82,87,92
241	0.2	0.1	0.1	85,90,92	0.8	0.2	0.2	0.2	85,90,92
242	0.1	9.55e-02	8.97e-02	85,87,92	0.8	0.2	0.2	0.2	85,87,92
243	0.4	0.2	0.1	85,90,91	0.8	0.5	0.3	0.2	85,90,91
244	0.3	0.2	0.2	85,86,91	0.8	0.4	0.4	0.4	85,86,91
245	8.25e-02	7.65e-02	7.51e-02	85,87,92	0.8	0.1	0.1	0.1	85,87,92
246	7.52e-02	3.56e-02	3.16e-02	85,87,92	0.8	8.54e-02	6.09e-02	5.69e-02	85,87,92
247	0.1	0.1	0.1	79,86,91	0.8	0.2	0.2	0.2	79,86,91
248	9.50e-02	9.50e-02	9.50e-02	79,86,91	0.8	0.2	0.2	0.2	79,86,91
249	0.2	0.2	0.2	81,87,92	0.8	0.4	0.3	0.3	81,87,92
250	1.1	0.5	0.4	85,90,92	0.8	1.4	0.8	0.7	85,90,92
251	1.3	0.7	0.6	85,90,92	0.8	1.7	1.1	1.0	85,90,92
252	1.1	0.5	0.4	85,90,92	0.8	1.4	0.8	0.7	85,90,92
253	1.2	0.6	0.5	85,90,92	0.8	1.6	1.0	0.9	85,90,92
254	1.1	0.5	0.4	85,90,92	0.8	1.4	0.8	0.7	85,90,92
255	1.0	0.4	0.3	85,90,92	0.8	1.2	0.6	0.5	85,90,92
256	1.2	0.6	0.4	85,90,92	0.8	1.6	0.9	0.8	85,90,92
257	1.4	0.8	0.6	85,90,92	0.8	1.9	1.3	1.1	85,90,92
258	0.4	0.2	0.2	85,90,92	0.8	0.5	0.4	0.4	85,90,92
259	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.3	85,90,92
Elem.	w,net R 1.95	w,net F 0.96	w,net P 0.78			w,net Ri 2.55	w,net Fi 1.58	w,net Pi 1.40	

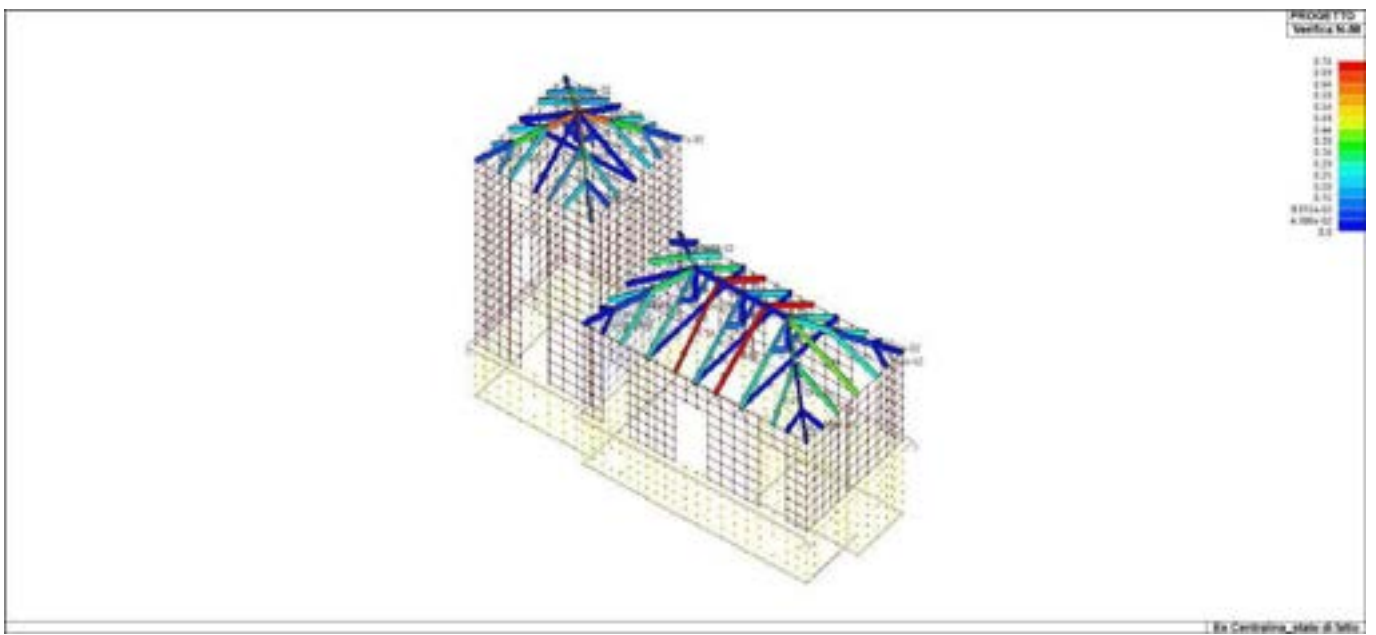


74_WaD2_ESI_01_Stato progetto

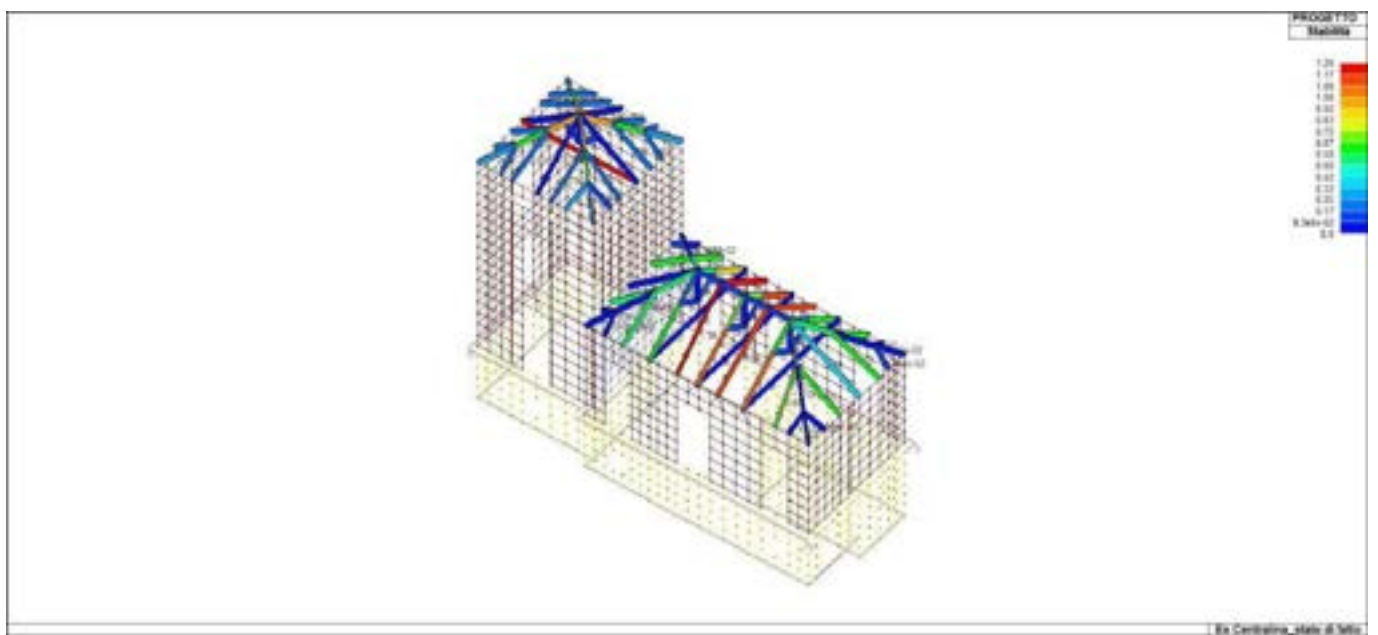
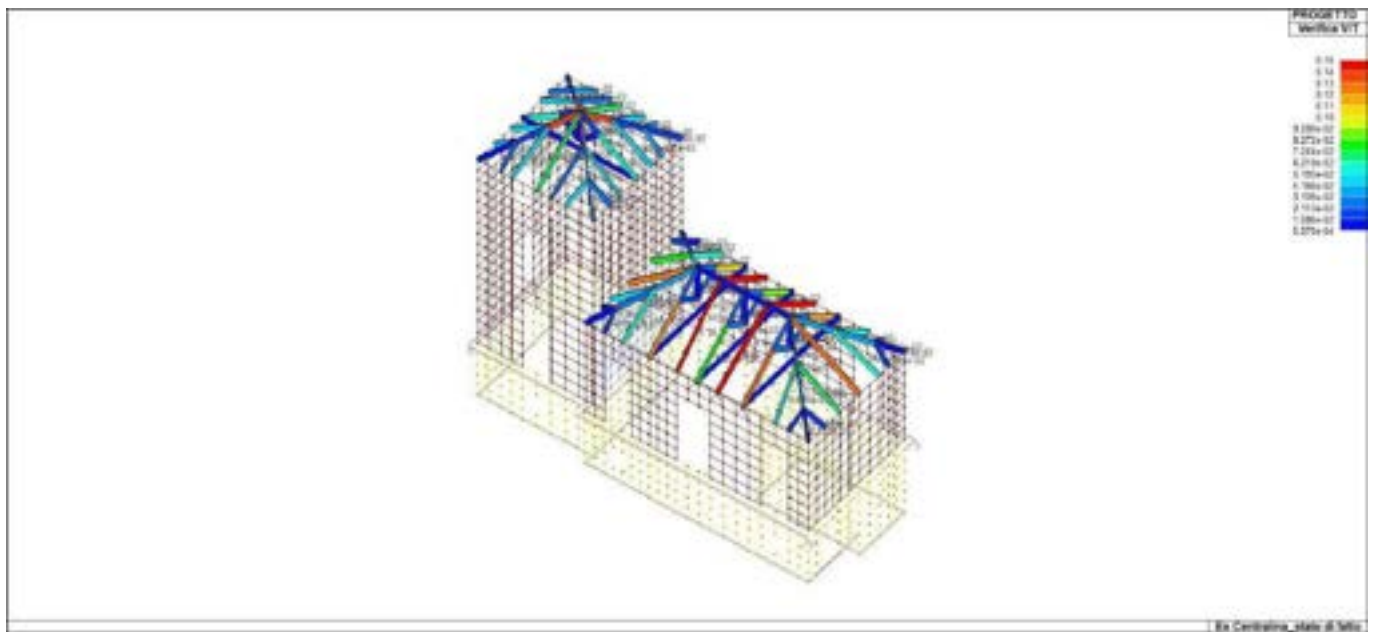


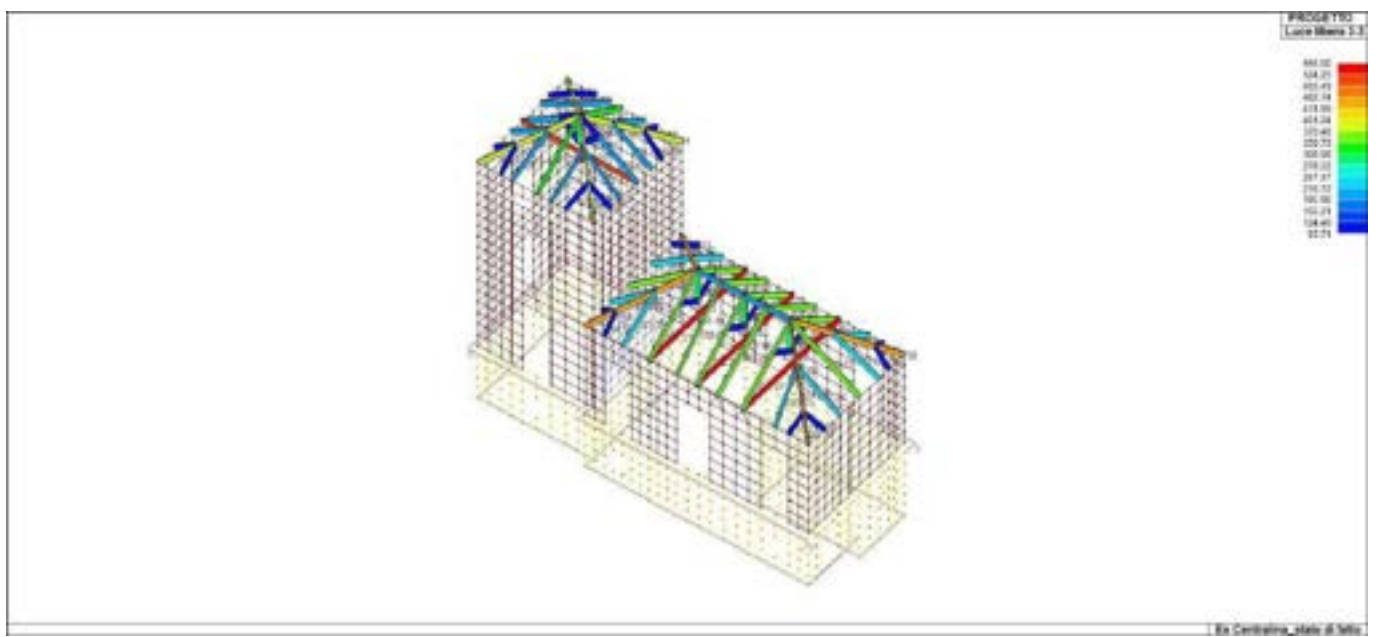
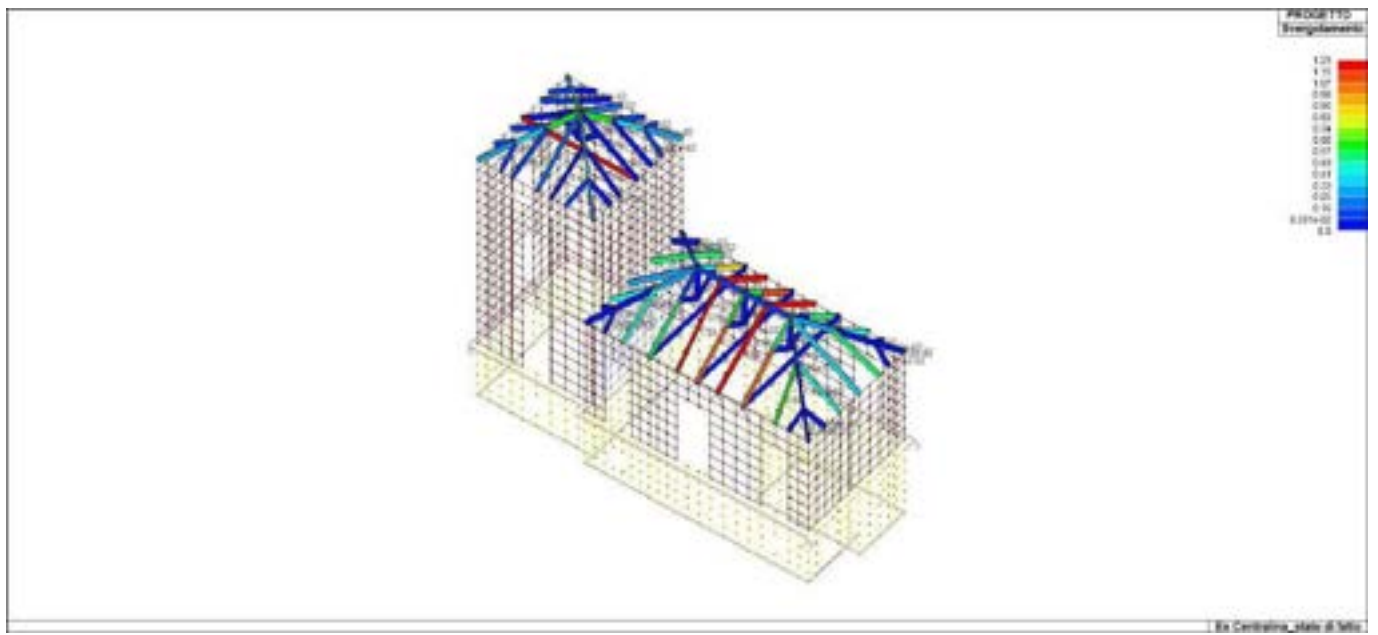


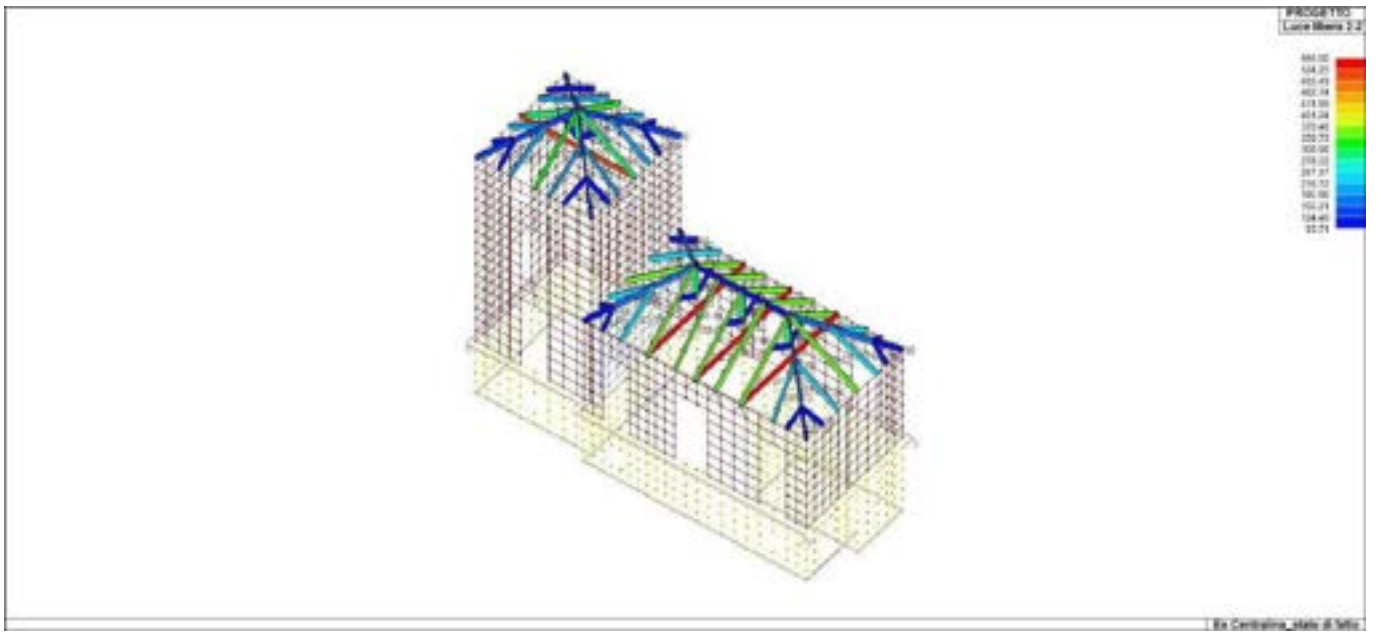
74_WaD2_ESI_03_Verifica N+M



74_WaD2_ESI_04_Verifica N-M







74_WaD2_ESI_23_Luce libera 2-2



Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

**RECUPERO E RIQUALIFICAZIONE
DELLA EX CENTRALINA IDROELETTRICA
PER ATTIVITA' DI ACCOGLIENZA E TURISTICO-RICETTIVE
VERIFICA STRUTTURALE DELLO STATO DI PROGETTO**

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-10-201)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi4017

Descrizione	
Progetto	Recupero e riqualificazione della ex centralina idroelettrica per attività di accoglienza e turistico-ricettive
Ubicazione	Comune di VENARIA REALE (TO) (Regione PIEMONTE) Località VENARIA REALE (TO) Longitudine 7.605, Latitudine 45.144
Progettista	Ing. Alessandro Grazzini

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

PROGETTO

La presente relazione illustra le principali verifiche strutturali allo stato di progetto. Pur non trattandosi di intervento di miglioramento sismico bensì di interventi locali, è stata comunque eseguita una modellazione complessiva del fabbricato sia per confrontare le verifiche statiche, dopo i lavori di rinforzo previsti in progetto, col modello redatto allo stato di fatto, sia per giustificare come la nuova destinazione d'uso non comporti un sovraccarico in fondazione oltre il 10% delle tensioni sul terreno. Infatti le nuove destinazioni d'uso saranno di uffici e/o spazi di servizio aperti al pubblico per il piano terra complessivo e il primo piano dell'edificio basso, mentre per il resto dei piani della torre sarà di uffici non aperti al pubblico. Sarà ripristinato con funzione portante di ispezione sia il sottotetto della torre sia quello dell'edificio basso. Dalle verifiche svolte, i nuovi sovraccarichi e i nuovi solai non comporteranno in fondazione un aumento di pressione oltre il 10%, rientrando pertanto nella categoria degli interventi di tipo locale ai sensi del par. 8.4.1 delle NTC2018 e pertanto senza obbligo di adeguamento sismico (rimane infatti escluso il comma "c" del par. 8.4.3). L'introduzione dei cordoli sommitali antisismici consentono di verificare positivamente tutti i cinematismi fuori piano delle pareti, raggiungendo pertanto una notevole riduzione del rischio sismico nei riguardi dei meccanismi di ribaltamento locale che rappresentano la casistica di danneggiamento sismico più pericoloso.

La somma degli interventi locali da eseguirsi porterà il fabbricato a sopportare una accelerazione sismica pari al 40% di quella attesa al suolo, quindi ne deriva anche un implicito miglioramento sismico (rispetto allo 0% dello stato di fatto) senza intervenire sulle resistenze delle pareti murarie.

Contenuti della relazione:

RELAZIONE DI CALCOLO STRUTTURALE

- *Origine e Caratteristiche dei Codici di Calcolo*
- *Affidabilità dei codici utilizzati*
- *Validazione dei codici*
- *Tipo di analisi svolta*
- *Modalità di presentazione dei risultati*
- *Informazioni generali sull'elaborazione*
- *Giudizio motivato di accettabilità dei risultati*

STAMPA DEI DATI DI INGRESSO

- *Normative prese a riferimento*
- *Criteri adottati per le misure di sicurezza*
- *Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconnessioni*
- *Interazione tra terreno e struttura*
- *Legami costitutivi adottati per la modellazione dei materiali e dei terreni*
- *Schematizzazione delle azioni, condizioni e combinazioni di carico*
- *Metodologie numeriche utilizzate per l'analisi strutturale*
- *Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali*

STAMPA DEI RISULTATI

Il Progettista:



A circular professional stamp of the Italian Order of Engineers (Ordine degli Ingegneri della Provincia di ...). The stamp contains the text "Ord. Ing. ALESSANDRO ...". Overlaid on the stamp is a handwritten signature in black ink.

INTESTAZIONE E CONTENUTI DELLA RELAZIONE.....	2
PROGETTO.....	2
RELAZIONE DI CALCOLO STRUTTURALE.....	5
PREMESSA.....	5
ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE.....	5
DESCRIZIONE GENERALE DELL'OPERA.....	5
Fattore di struttura.....	7
QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO.....	7
LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA.....	8
AZIONI DI PROGETTO SULLA COSTRUZIONE.....	8
MODELLO NUMERICO.....	9
Tipo di analisi strutturale.....	9
Informazioni sul codice di calcolo.....	9
Affidabilità dei codici utilizzati.....	10
MODELLAZIONE DELLE AZIONI.....	11
COMBINAZIONI E/O PERCORSI DI CARICO.....	11
VERIFICHE AGLI STATI LIMITE ULTIMI.....	12
VERIFICHE AGLI STATI LIMITE DI ESERCIZIO.....	12
NORMATIVA DI RIFERIMENTO.....	13
CARATTERISTICHE MATERIALI UTILIZZATI.....	17
LEGENDA TABELLA DATI MATERIALI.....	17
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE.....	24
TABELLA DATI TRAVI.....	24
MODELLAZIONE DELLE AZIONI.....	31
LEGENDA TABELLA DATI AZIONI.....	31
SCHEMATIZZAZIONE DEI CASI DI CARICO.....	34
LEGENDA TABELLA CASI DI CARICO.....	34
DEFINIZIONE DELLE COMBINAZIONI.....	44
LEGENDA TABELLA COMBINAZIONI DI CARICO.....	44
AZIONE SISMICA.....	48
VALUTAZIONE DELL' AZIONE SISMICA.....	48
Parametri della struttura.....	48
RISULTATI ANALISI SISMICHE.....	55
LEGENDA TABELLA ANALISI SISMICHE.....	55

RISULTATI OPERE DI FONDAZIONE	68
LEGENDA RISULTATI OPERE DI FONDAZIONE.....	68
RISULTATI ELEMENTI TIPO TRAVE.....	78
LEGENDA RISULTATI ELEMENTI TIPO TRAVE	78
RISULTATI ELEMENTI TIPO SHELL	308
LEGENDA RISULTATI ELEMENTI TIPO SHELL	308
VERIFICHE ELEMENTI TRAVE E PILASTRO IN C.A.	369
STATI LIMITE D' ESERCIZIO	384
LEGENDA TABELLA STATI LIMITE D' ESERCIZIO	384
VERIFICHE ELEMENTI MURATURA	389
LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA.....	389
VERIFICHE S.L. ELEMENTI IN LEGNO.....	451
LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO	451
STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO	463
LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)	463
Simbologia adottata nelle tabelle di verifica	463

RELAZIONE DI CALCOLO STRUTTURALE

PREMESSA

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE

Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-18, l'analisi storico-critica ed il rilievo geometrico-strutturale devono evidenziare i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti di impostazione e di realizzazione; (c) la costruzione può essere stata soggetta ad azioni, anche eccezionali, i cui effetti non siano completamente manifesti; (d) le strutture possono presentare degrado e/o modificazioni significative rispetto alla situazione originaria.

Analisi storico-critica

Per edifici esistenti, viene indicata la documentazione reperita e vengono esplicitate le informazioni desunte da ciascuno dei documenti esaminati per le finalità indicate al paragrafo 8.5.1 delle NTC-18.

E' stata condotta una ricerca della storia costruttiva presso l'archivio storico e reperendo documentazione fotografica.

Esito del rilievo geometrico-strutturale

Per edifici esistenti, vengono descritte le modalità con cui è stato effettuato il rilievo geometrico strutturale e gli esiti di quest'ultimo, anche con riferimenti espliciti e puntuali agli elaborati grafici che saranno riportati nella parte "4.1. Rilievo geometrico-strutturale". Il rilievo delle strutture deve essere eseguito e restituito secondo le modalità e con le finalità riportate nei paragrafi 8.5.2 e 8.7 delle NTC-18.

Rilievo sguito con laser-scanner e drone.

DESCRIZIONE GENERALE DELL'OPERA

Le caratteristiche costruttive del fabbricato sono tipiche dei primi del '900 dove si rinviene una struttura di tipo "a gravità" in muratura piena, con fondazioni anch'esse in muratura, e presumibilmente posate direttamente sul terreno stabilizzato sommariamente. Il fabbricato possiede una parte più bassa, costituita da un locale interrato (vasca di passaggio acqua), un piano terra e primo piano. In adiacenza, con molta probabilità costruita prima rispetto al corpo basso, si erge la seconda parte del fabbricato a forma di torre, costituita da un piano terra, un primo piano, un secondo piano che si presume fosse originariamente utilizzato come vano tecnico da cui partivano le linee aeree per la distribuzione dell'energia elettrica prodotta, e un sottotetto anch'esso di locale tecnologico.

I solai sono attualmente in soletta piena e trave in c.a., presumibilmente eseguiti tra la fine degli anni '70 e l'inizio degli anni '80 del secolo scorso, periodo in cui l'edificio aveva già perso la sua funzione di centralina, in sostituzione degli originari solai in putrelle e voltini. La chiusura del sottotetto dell'edificio basso è costituita da un cannicciato non portante. La copertura è su orditura lignea e manto in tegole laterizie di foggia alla portoghese.

Allo stato attuale l'edificio versa in stato di abbandono e di forte degrado. Negli ultimi due decenni non ha più assunto nessuna funzione, per le quali necessita di un progetto complessivo di messa in sicurezza e rifunzionalizzazione. Da alcuni anni si è rilevata una importante disconnessione della muratura in corrispondenza dell'angolo murario sud-est del basso fabbricato, che nel tempo si è ampliata separando in modo netto il paramento murario. Contemporaneamente, esiste anche una fessura sulla parete nord. Il quadro fessurativo è dovuto ad un cedimento

di fondazione, trattandosi di fondazioni poco profonde su terreno argilloso molto sensibile alle variazioni igrometriche del passaggio sotterraneo dell'acqua, un tempo utilizzata per la produzione di energia elettrica e attualmente ancora in potenziale scorrimento sottofondazionale proveniente da scolo del versante a monte non opportunamente deviato, anche a causa dello stato di abbandono del fabbricato e del terreno circostante negli ultimi due decenni. L'assenza di analoghi dissesti fondazionali lungo il perimetro della torre conferma la sussistenza di acqua piovana che alimenterebbe ancora in parte la vasca interrata di raccolta (vedasi fotografie dello stato di fatto), confluyente ancora sotto l'edificio basso che ha subito il maggior danno strutturale. A questo vanno altresì aggiunte le perdite dalla rete di allontanamento acque dalle gronde: i pluviali che scendono dalla copertura non smaltiscono l'acqua superficialmente ma si immettono all'interno del marciapiede.

La relazione geologica non ha individuato la presenza di falde, per cui il dilavamento stagionale del terreno argilloso sottostante il basso fabbricato deriverebbe dallo scolo non più deviato di acqua del versante a monte. Infine, anche i grandi sbalzi igrometrici delle ultime stagioni, che hanno alternato periodi di grandi siccità ad eventi piovosi molto intensi, hanno alterato la consistenza dei terreni argillosi su cui si fonda superficialmente l'edificio generando il quadro fessurativo in essere.

In riferimento al Lotto principale 1, si procederà al cauto smontaggio della parte di angolata muraria dissestata lungo lo spigolo sud-est del fabbricato, propedeutico alle successive fasi di rinforzo fondazionale e ricostruzione del paramento murario. In contemporanea si procederà anche alla completa rimozione del manto e delle strutture di copertura. Il dissesto, come anche specificato nella relazione geologica, è ascrivibile alla combinazione di fondazioni poco profonde poggianti su terreno di scarse resistenze meccaniche, di tipo argilloso e pertanto molto sensibile alle variazioni igrometriche non solo stagionali ma anche derivanti dai precedenti corsi d'acqua legati alla produzione di energia elettrica, oramai non più in funzione.

La relazione del geologo (elaborato ST5) ha individuato ad una profondità di circa 2,5 m la stratigrafia di terreno di maggiori qualità meccaniche. Stante la modesta profondità per raggiungere gli strati di terreno più performanti, è possibile intervenire con una tecnica meno invasiva mediante iniezioni di resina autoespandente nel terreno, con la finalità di incrementare le prestazioni del terreno immediatamente sottostante alle fondazioni. L'intervento riguarderà solamente il perimetro murario esterno dell'edificio basso, in quanto la torre non presenta nessun segno di cedimento fondazionale (probabilmente fondata ad un livello più profondo, e comunque in una zona meno sensibile alle variazioni igrometriche derivanti dal passaggio dell'acqua sottostante).

L'intervento di rinforzo fondazionale sarà integrato con la realizzazione di un cordolo in c.a. sull'intero perimetro murario di entrambi i fabbricati collegante le pareti da entrambi i lati, poichè la profondità di scavo prevista per la realizzazione del vespaio e per soddisfare il mantenimento dell'altezza minima di 2,40 m coincide probabilmente con la quota di imposta delle fondazioni. Ulteriori dettagli e scelte potranno essere meglio approfonditi nella fase preliminare all'esecuzione dei lavori, mediante saggio per verificare la profondità delle fondazioni esistenti.

Una volta consolidato il terreno, sarà possibile procedere alla ricostruzione dell'angolata muraria sud-est, ipotizzando di utilizzare gli stessi macroblocchi cautamente smontati ed integrando con mattoni vecchi di recupero e malte di granulometria simile all'esistente, oltre a prevedere idonei ancoraggi con le pareti adiacenti mediante inghisaggio di barre d'armatura orizzontali.

Il progetto strutturale prevede inoltre la ricostruzione dei solai, attualmente realizzati con soletta piena in c.a. e trave di ripartizione ma, causa degrado materico, con scarse resistenze e conservazione del calcestruzzo e delle armature. E' prevista la loro sostituzione con solette realizzate in putrelle (profili HEA) e lamiera grecata soprastante. Le putrelle saranno posate in contemporanea alla demolizione degli esistenti solai in c.a. al fine di mantenere i vincoli interpiano delle pareti.

Le coperture saranno realizzate con capriate e falsi puntoni in legno massiccio C24, con schema strutturale analogo a quello esistente. Sulla copertura dell'edificio basso sarà realizzato un cordolo sommitale antisismico in muratura lamellare, realizzato ricostruendo parte della tessitura muraria con i medesimi mattoni storici ed armando 3 giunti di malta di calce con fasce in trefoli in acciaio galvanizzato. Il cordolo sarà vincolato verticalmente con barre elicoidali, al fine di trattenere la parete sottostante durante le azioni sismiche. Per il cordolo sommitale della torre sarà invece utilizzato un profilo UPN200 tassellato internamente al perimetro murario del sottotetto, poichè la soluzione tecnica utilizzata per l'edificio basso risulta di difficile realizzazione in corrispondenza della sommità a sbalzo che caratterizza la merlatura artificiale in c.a.

In merito alle parti esterne in c.a., il progetto prevede la demolizione e ricostruzione della soletta in c.a. del terrazzo lato sud, mentre per le mensole in c.a. E' previsto un rinforzo con incollaggio di lamina in fibra di carbonio (FRP) all'intradosso, rinforzo a taglio mediante fasce in FRP e ripristino delle parti cementizie e delle armature degradate. Riguardo invece la scala esterna, si prevede ugualmente il rinforzo flessionale delle travi in c.a. con lamine in FRP e

a taglio con fasce in FRP, previo ripristino e riparazione delle parti cementizie e delle armature degradate. Nel Lotto 3 è prevista tra piano terra e piano primo della torre l'installazione di una scala realizzata in profili di acciaio per il collegamento tra i due piani. E' previsto altresì l'inserimento di un impianto montapersona all'interno dell'edificio basso, con platea in c.a. e castelletto metallico ancorato alle putrelle dei nuovi solai.

Descrizione generale dell'opera	
Fabbricato ad uso	Uffici aperti al pubblico
Ubicazione	Comune di VENARIA REALE (TO) (Regione PIEMONTE)
	Località VENARIA REALE (TO)
	Longitudine 7.605, Latitudine 45.144
Numero di piani	Fuori terra: 3
	Interrati: 0
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di 15,15 x 6,05
Numero vani scale	1
Numero vani ascensore	1
Tipo di fondazione	Lineare in muratura

Principali caratteristiche della struttura	
Struttura regolare in pianta	SI
Struttura regolare in altezza	NO
Classe di duttilità	BD
Travi: ricalate o in spessore	NO
Pilastrì	NO
Pilastrì in falso	NO
Tipo di fondazione	Lineare in muratura
Condizioni per cui è necessario considerare la componente verticale del sisma	NO

Parametri della struttura				
Classe d'uso	Vita [anni]	Vn	Coeff. Uso	Periodo Vr [anni]
III	50.0	1.5		75.0

Fattore di struttura
1,356

QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito. Nel capitolo "normativa di riferimento" è comunque presente l'elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l'azione sismica	D.M. 17-01-2018

LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA

Il livello di conoscenza, per edifici esistenti è LC2

Pertanto il fattore di confidenza è 1,2

AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli “modellazione delle azioni” e “schematizzazione dei casi di carico” sono indicate le azioni sulla costruzione.

Nel prosieguo si indicano il tipo di analisi strutturale condotta (statico, dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica*.

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

$$\mathbf{K} * \mathbf{u} = \mathbf{F}$$

dove $\mathbf{K}$ = matrice di rigidezza
 $\mathbf{u}$ = vettore spostamenti nodali
 $\mathbf{F}$ = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo **TRUSS** (biella-D2)
 Elemento tipo **BEAM** (trave-D2)

Elemento tipo MEMBRANE	(membrana-D3)
Elemento tipo PLATE	(piastra-guscio-D3)
Elemento tipo BOUNDARY	(molla)
Elemento tipo STIFFNESS	(matrice di rigidezza)
Elemento tipo BRICK	(elemento solido)
Elemento tipo SOLAIO	(macro elemento composto da più membrane)

MODELLO NUMERICO

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Sismica statica lineare	NO
Sismica dinamica lineare	SI
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO
Analisi lineare	SI

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-10-201)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Dati utente finale:	***** COMPLETARE *****
Codice Utente:	***** COMPLETARE *****
Codice Licenza:	Licenza dsi4017

Un attento esame preliminare della documentazione a corredo del software **ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico**. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati

2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.

E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: <http://www.2si.it/Software/Affidabilità.htm>

Modellazione della geometria e proprietà meccaniche:

nodi	1663
elementi D2 (per aste, travi, pilastri...)	292
elementi D3 (per pareti, platee, gusci...)	1410
elementi solaio	63
elementi solidi	0

Dimensione del modello strutturale [cm]:

X min =	20186.00
Xmax =	21652.00
Ymin =	10338.00
Ymax =	10893.00
Zmin =	-345.00
Zmax =	1085.50

Strutture verticali:

Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO

Strutture non verticali:

Elementi di tipo asta	SI
Travi	SI
Gusci	NO
Membrane	NO

Orizzontamenti:

Solai con la proprietà piano rigido	SI
Solai senza la proprietà piano rigido	SI

Tipo di vincoli:

Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	SI
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

MODELLAZIONE DELLE AZIONI

Si veda il capitolo “**Schematizzazione dei casi di carico**” per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte “2.6. Azioni di progetto sulla costruzione”.

COMBINAZIONI E/O PERCORSI DI CARICO

Si veda il capitolo “**Definizione delle combinazioni**” in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	NO

Principali risultati
I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta. 2.8.1. Risultati dell'analisi modale Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura. 2.8.2. Deformate e sollecitazioni per condizioni di carico Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse. 2.8.3. Involuppo delle sollecitazioni maggiormente significative. L'analisi e la restituzione degli involuppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura. 2.8.4. Reazioni vincolari Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate. 2.8.5. Altri risultati significativi Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura. La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e di elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e involucri delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l'elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

VERIFICHE AGLI STATI LIMITE ULTIMI

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di duttilità, di degrado.

VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP. "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi

di calcolo semplificato per strutture di muratura non armata.

31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.
35. CNR DT-200/2013 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati
36. CNR DT-215/2018 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica

NOTA: il presente capitolo riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO".

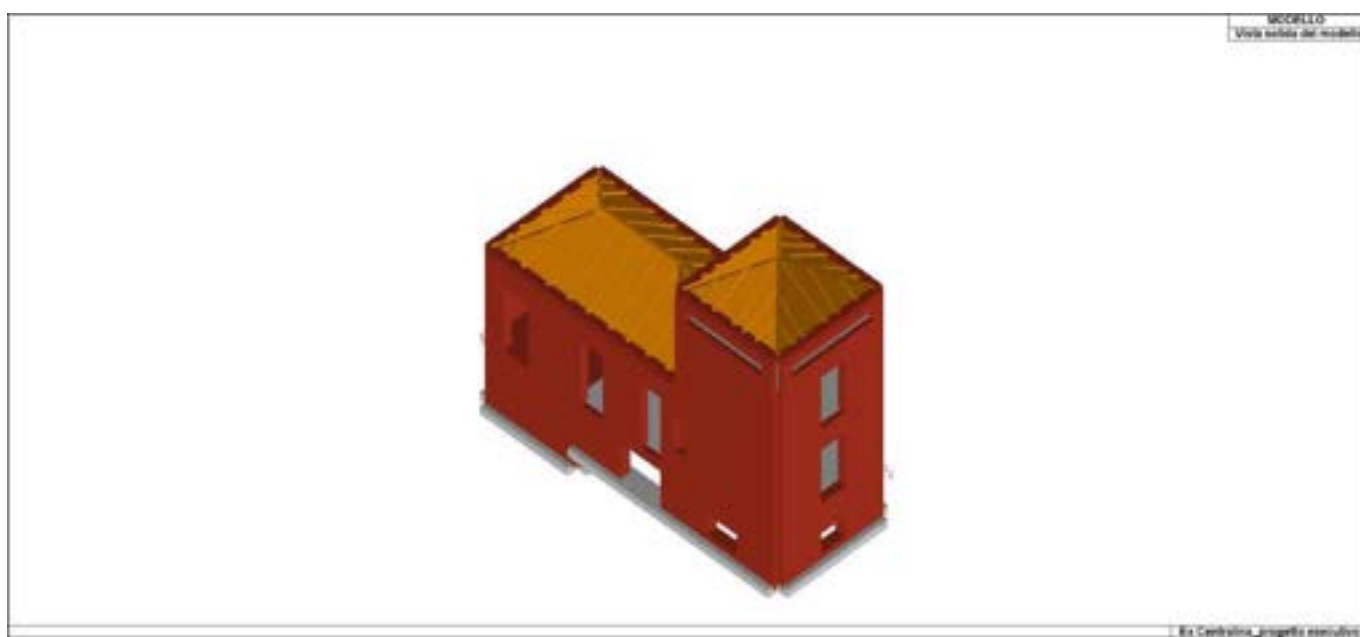
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edificio esistente.



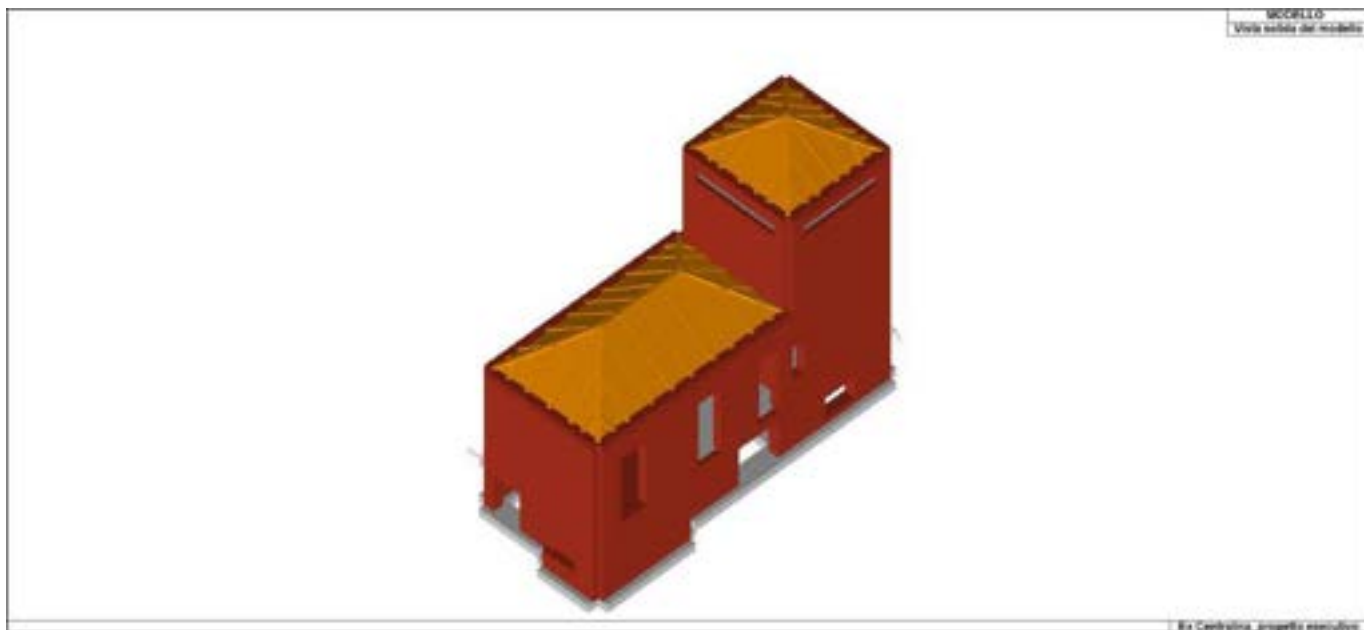
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale ν
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficiente di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

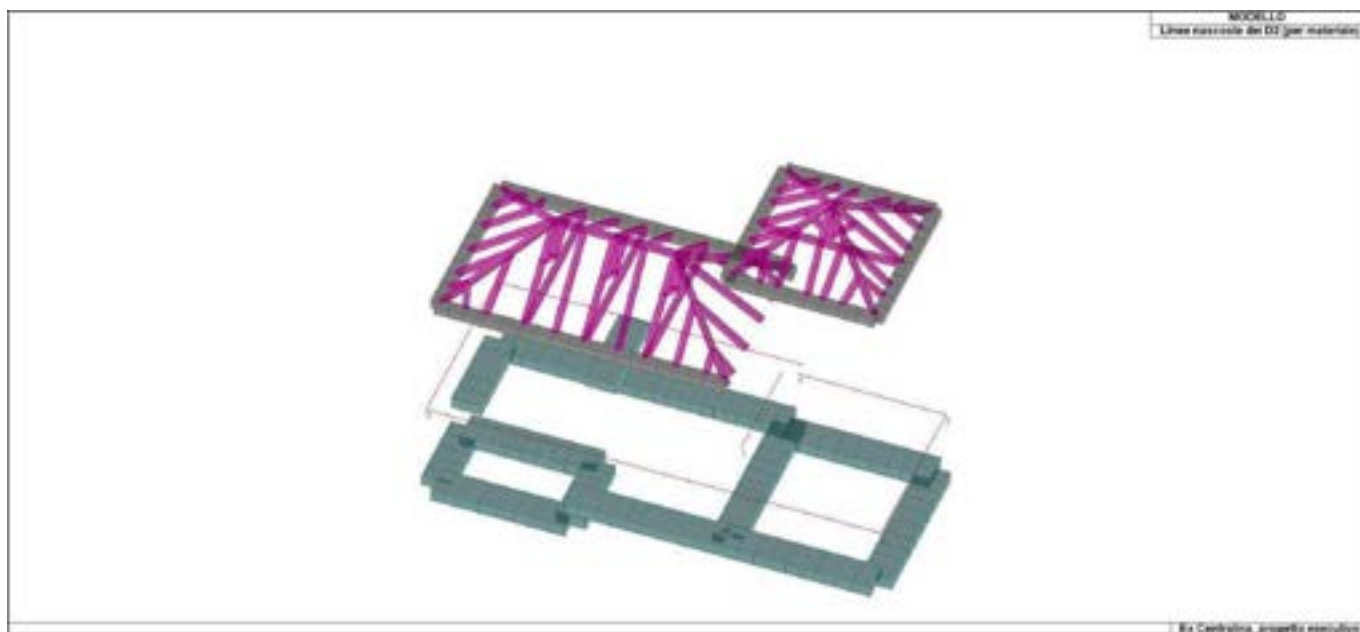
I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	c.a.	Resistenza Rc Resistenza fctm Coefficiente ksb	resistenza a compressione cubica resistenza media a trazione semplice Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio	Tensione ft Tensione fy Resistenza fd Resistenza fd (>40) Tensione ammissibile Tensione ammissibile(>40)	Valore della tensione di rottura Valore della tensione di snervamento Resistenza di calcolo per SL CNR-UNI 10011 Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm Tensione ammissibile CNR-UNI 10011 Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura		

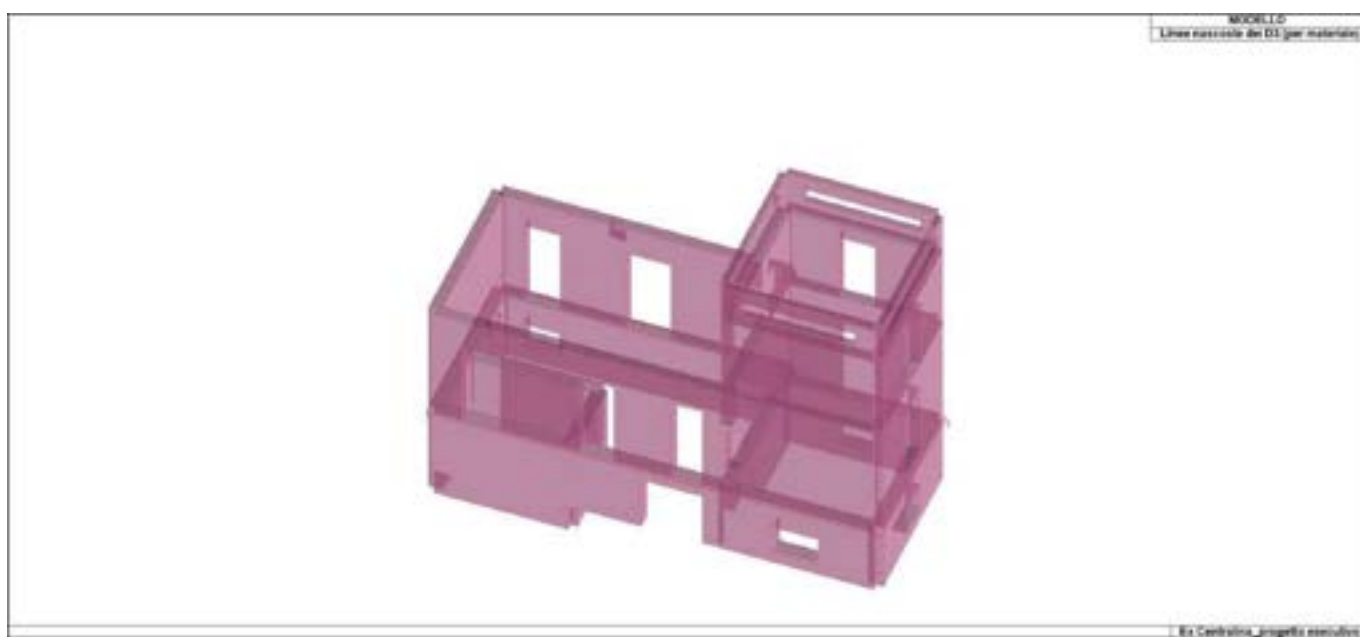
4	legno

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

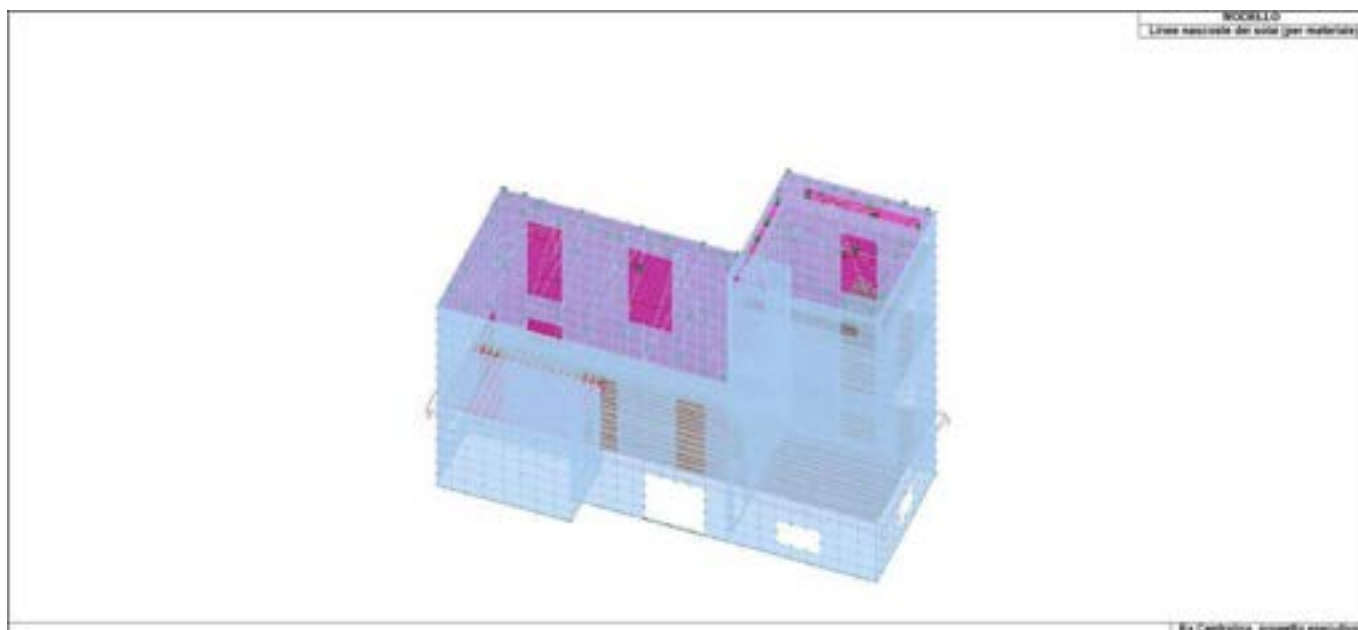
[illegible]



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_D3



11_MOD_MATERIALI_SOLAI

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	NO	NO	NO	NO		
Af inf: da q*L*L /	0.0	0.0	0.0	0.0		
Armatura						
Minima tesa	0.31	0.20	0.13	2.000e-02		
Minima compressa	0.31	0.20	0.13	2.000e-02		
Massima tesa	0.78	4.00	4.00	4.00		
Da sezione	SI	SI	SI	SI		
Usa armatura teorica	NO	NO	NO	NO		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Fattore di redistribuzione	0.0	0.0	0.0	0.0		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0		
Passo minimo [cm]	4.00	4.00	4.00	4.00		
Passo massimo [cm]	30.00	30.00	30.00	30.00		
Passo raffittito [cm]	15.00	15.00	15.00	15.00		
Lunghezza zona raffittita [cm]	50.00	50.00	50.00	50.00		
Ctg(Teta) Max	2.50	2.50	2.50	2.50		
Percentuale sagomati	0.0	0.0	0.0	0.0		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Adotta scorrimento medio	NO	NO	NO	NO		
Torsione non essenziale inclusa	SI	SI	SI	SI		

Muratura	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Altezza interpiano [cm]	0.0	0.0	0.0	0.0		
Rho	0.85	0.85	0.85	0.85		
Snellezza limite	20.00	20.00	20.00	20.00		
Generalità						
Gamma non sismico	3.00	3.00	3.00	3.00		
Gamma sismico	2.40	2.40	2.40	2.00		
Tolleranza azioni [daN/cm2]	0.0	0.0	0.0	0.0		
Media valori per quota	SI	SI	SI	SI		
Media valori per elemento	SI	SI	SI	SI		
Verifica come fascia	NO	NO	NO	NO		
Usa formula [7.8.3]	SI	SI	SI	SI		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	NO	NO	NO	NO		
Af inf: da traliccio	SI	SI	SI	SI		
Consenti armatura a taglio	NO	NO	NO	NO		
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI		
Af inf: da $q \cdot L \cdot L$ /	20.00	20.00	20.00	20.00		
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00		
Armatura						
Minima tesa	0.15	0.15	0.15	0.15		
Massima tesa	3.00	3.00	3.00	3.00		
Minima compressa	0.0	0.0	0.0	0.0		
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02		
Stati limite ultimi						
Tensione f_y [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00	85.00	85.00		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00		
Istantanea	500.00	500.00	500.00	500.00		
Fattore viscosità	3.00	3.00	3.00	3.00		
Usa J non fessurato	NO	NO	NO	NO		
Elementi non strutturali						
Tamponatura antiespulsione Danesi	NO	NO	NO	NO		
Tamponatura con armatura	NO	NO	NO	NO		
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00		
Coefficiente gamma m	0.0	0.0	0.0	0.0		
Periodo T_a	0.0	0.0	0.0	0.0		
Altezza pannello	0.0	0.0	0.0	0.0		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
aste						
Beta assegnato	0.80	0.80	0.80	0.80		
travi						
3-3 Beta * L automatico	SI	SI	SI	SI		
3-3 Beta assegnato	1.00	1.00	1.00	1.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
2-2 Beta * L automatico	SI	SI	SI	SI		
2-2 Beta assegnato	1.00	1.00	1.00	1.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta * L automatico	SI	SI	SI	SI		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
pilastr						
Metodo di calcolo 3-3	Assegnato	Assegnato	Assegnato	Assegnato		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
3-3 Beta assegnato	2.00	2.00	2.00	2.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Metodo di calcolo 2-2	Assegnato	Assegnato	Assegnato	Assegnato		
2-2 Beta assegnato	2.00	2.00	2.00	2.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Generalità						
Gamma non sismico	1.50	1.50	1.50	1.50		
Gamma sismico	1.50	1.50	1.50	1.50		
Classificazione						
Classe di servizio	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)		
Per classe di servizio 1						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.60	0.60	0.60	0.60		
Per classe di servizio 2						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.80	0.80	0.80	0.80		
Per classe di servizio 3						
Kmod permanente	0.50	0.50	0.50	0.50		
Kmod lunga	0.55	0.55	0.55	0.55		
Kmod media	0.65	0.65	0.65	0.65		
Kmod breve	0.70	0.70	0.70	0.70		
Kmod istantanea	0.90	0.90	0.90	0.90		
Kdef	2.00	2.00	2.00	2.00		

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
L direzione 1 [*] [cm]	1.00	1.00	1.00	1.00		
L direzione 2 [cm]	0.0	0.0	0.0	0.0		
Verifica V da D.38	NO	NO	NO	NO		
Verifica M da M.5-45	NO	NO	NO	NO		
Media valori elementi	SI	SI	SI	SI		
Connessioni pareti						
rvpk [daN/cm]	50.00	50.00	50.00	50.00		
rvtk [daN/cm]	50.00	50.00	50.00	50.00		
rvlk [daN/cm]	50.00	50.00	50.00	50.00		
RHk [daN]	5000.00	5000.00	5000.00	5000.00		
dH [cm]	25.00	25.00	25.00	25.00		
fch90k [daN/cm2]	20.00	20.00	20.00	20.00		
Pannelli solaio						
f ist<L/	500.00	500.00	500.00	500.00		
f inf<L/	350.00	350.00	350.00	350.00		
Verifica vibrazioni (EC5 7.3)	NO	NO	NO	NO		
E massetto collaborante [daN/cm2]	200000.00	200000.00	200000.00	200000.00		
t massetto collaborante [cm]	4.00	4.00	4.00	4.00		
Smorzamento percentuale	0.0	0.0	0.0	0.0		
Resistenza al fuoco						
Spessore carbonizzazione [cm]	0.0	0.0	0.0	0.0		
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		

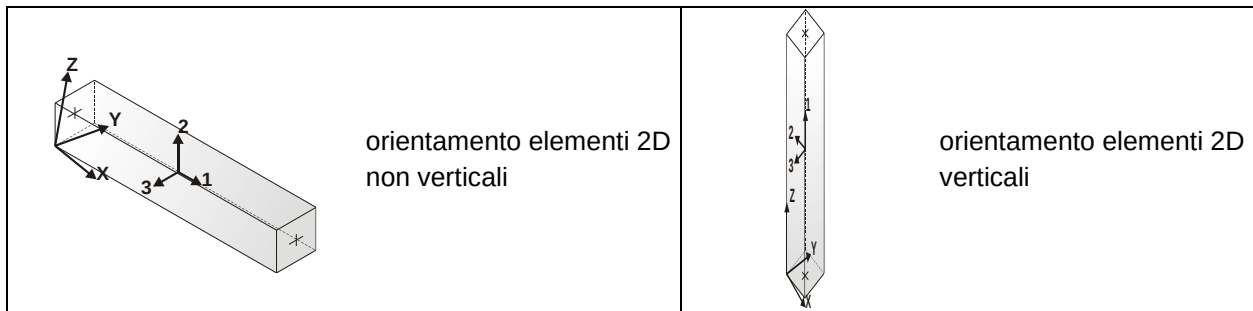
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.

Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

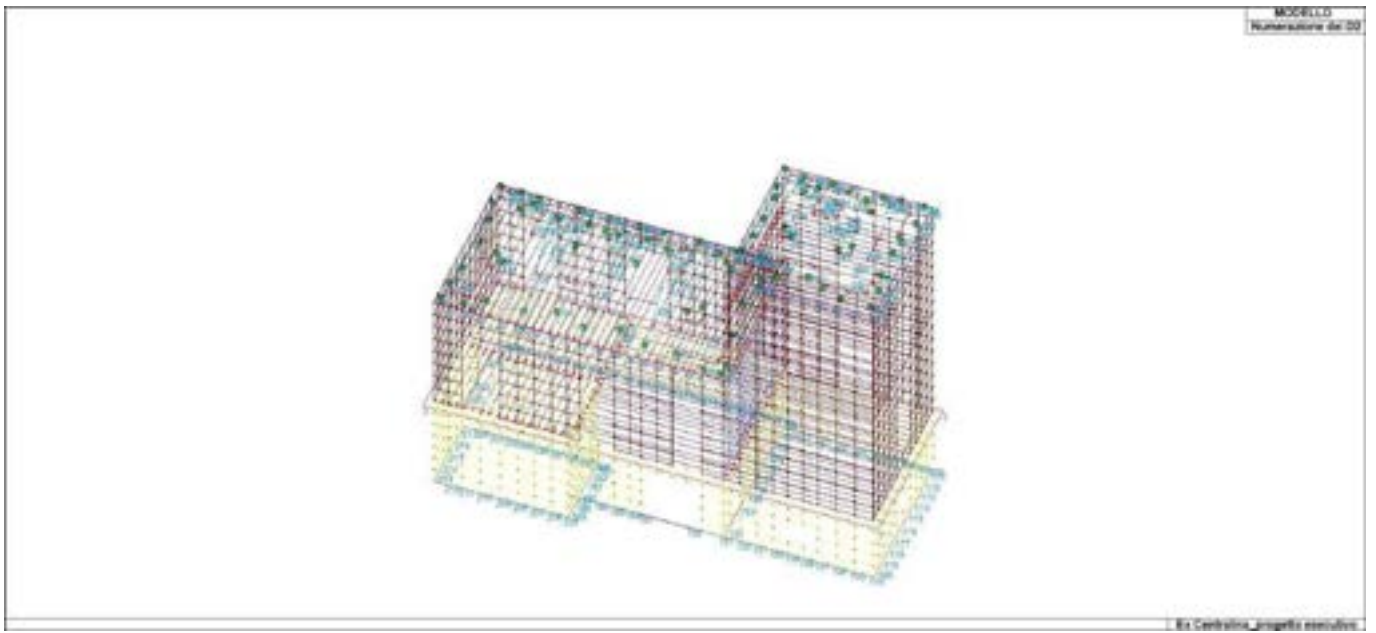
Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Asta	716	804	158	7	1					
2	Asta	1091	1092	158	7	1					
3	Asta	1172	1180	158	7	1					
4	Asta	1172	883	158	7	1					
5	Asta	804	812	158	7	1					
6	Asta	1092	1100	158	7	1					
7	Asta	761	1049	158	7	1					
8	Asta	1180	1188	158	7	1					
9	Asta	809	1020	158	7	1					
10	Asta	1100	1108	158	7	1					
11	Asta	1049	1257	158	7	1					
12	Asta	812	820	158	7	1					
13	Asta	1188	1196	158	7	1					
14	Asta	1020	1028	158	7	1					
15	Asta	1108	1116	158	7	1					
16	Asta	1193	1091	158	7	1					
17	Asta	1198	1193	158	7	1					
18	Asta	820	828	158	7	1					
19	Asta	1196	1204	158	7	1					
20	Asta	1028	1299	158	7	1					
21	Asta	1116	1124	158	7	1					
22	Asta	1257	1198	158	7	1					
23	Asta	828	836	158	7	1					
24	Asta	1204	1212	158	7	1					
25	Asta	1036	1044	158	7	1					
26	Asta	1124	1132	158	7	1					
27	Asta	1299	1036	158	7	1					
28	Asta	836	844	158	7	1					
29	Asta	1212	1220	158	7	1					
30	Asta	1044	1052	158	7	1					
31	Asta	1132	1140	158	7	1					
32	Asta	844	852	158	7	1					
33	Asta	1220	1228	158	7	1					
34	Asta	1052	1060	158	7	1					
35	Asta	1140	1148	158	7	1					
36	Asta	852	860	158	7	1					
37	Asta	1228	1237	158	7	1					
38	Asta	1060	1068	158	7	1					
39	Asta	1148	1156	158	7	1					
40	Asta	860	868	158	7	1					
41	Asta	1237	1245	158	7	1					
42	Asta	1068	1076	158	7	1					
43	Asta	1156	1164	158	7	1					
44	Asta	868	809	158	7	1					
45	Asta	1245	1253	158	7	1					
46	Asta	1164	1076	158	7	1					
47	Asta	1253	1261	158	7	1					
48	Asta	1261	1303	158	7	1					
49	Asta	1269	1277	158	7	1					
50	Asta	1303	1269	158	7	1					
51	Asta	1277	1655	158	7	1					
52	Asta	1285	1293	158	7	1					
53	Asta	1293	1300	158	7	1					
54	Asta	1300	761	158	7	1					
55	Asta	1565	1566	158	7	1					
56	Asta	1535	1536	158	7	1					
57	Asta	1595	1644	158	7	1					
58	Asta	1565	1617	158	7	1					
59	Asta	1566	1569	158	7	1					
60	Asta	1536	1539	158	7	1					
61	Asta	1620	1560	158	7	1					
62	Asta	1596	1595	158	7	1					
63	Asta	1623	1620	158	7	1					
64	Asta	1599	1596	158	7	1					
65	Asta	1569	1572	158	7	1					
66	Asta	1539	1542	158	7	1					
67	Asta	1626	1623	158	7	1					
68	Asta	1602	1599	158	7	1					
69	Asta	1572	1575	158	7	1					
70	Asta	1542	1545	158	7	1					
71	Asta	1629	1626	158	7	1					
72	Asta	1605	1602	158	7	1					
73	Asta	1575	1578	158	7	1					

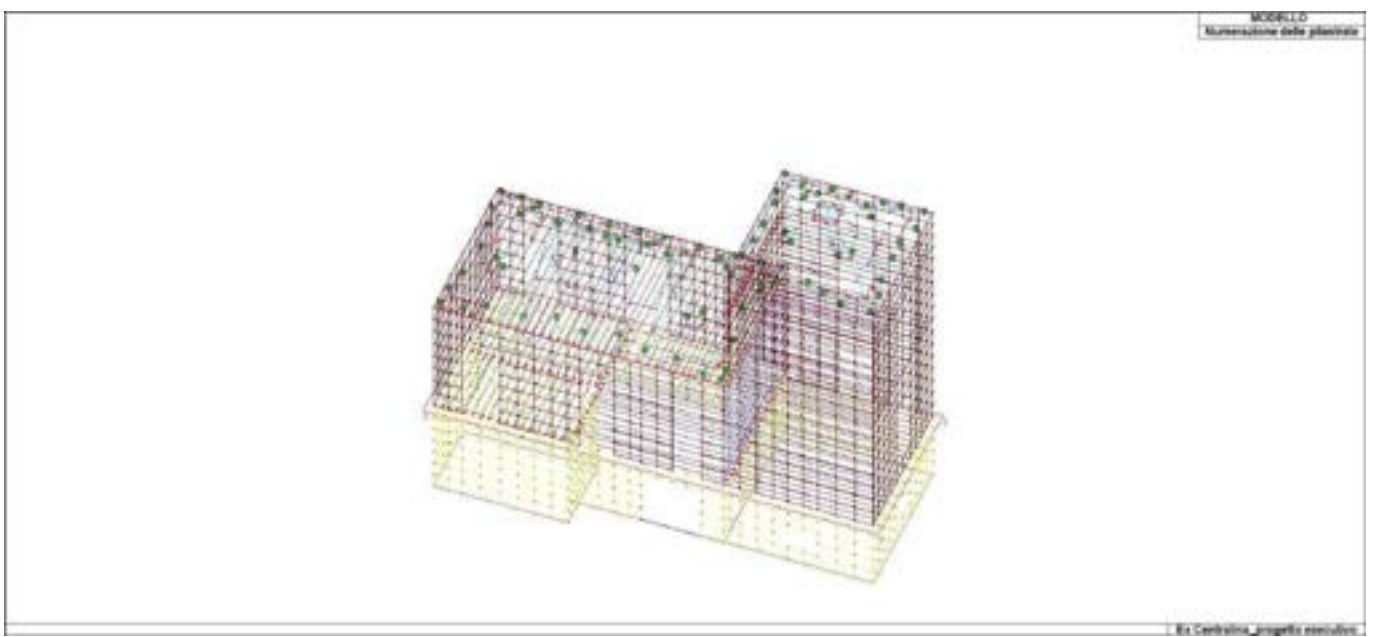
74	Asta	1545	1548	158	7	1			
75	Asta	1632	1629	158	7	1			
76	Asta	1608	1605	158	7	1			
77	Asta	1578	1581	158	7	1			
78	Asta	1548	1551	158	7	1			
79	Asta	1635	1632	158	7	1			
80	Asta	1611	1608	158	7	1			
81	Asta	1581	1584	158	7	1			
82	Asta	1551	1554	158	7	1			
83	Asta	1638	1635	158	7	1			
84	Asta	1614	1611	158	7	1			
85	Asta	1584	1587	158	7	1			
86	Asta	1554	1557	158	7	1			
87	Asta	1641	1638	158	7	1			
88	Asta	1617	1614	158	7	1			
89	Asta	1587	1590	158	7	1			
90	Asta	1557	1560	158	7	1			
91	Asta	1644	1641	158	7	1			
92	Asta	1590	1535	158	7	1			
93	Asta	1655	1285	158	7	1			
94	Trave f.	572	371	3	1	2		10.00	4.41
95	Trave f.	27	572	3	1	2		10.00	4.41
96	Trave f.	256	27	3	1	2		9.80	4.32
97	Trave f.	29	256	3	1	2		6.97	3.08
98	Trave f.	29	7	3	1	2		5.50	2.42
99	Trave f.	636	385	3	1	2		4.90	2.16
100	Trave	1297	1656	120	4	1			
101	Trave	1297	1657	120	4	1			
102	Trave	1297	1298	120	5	1			
103	Trave	1300	1306	120	5	1	000011		
104	Trave	1300	1299	120	5	1			
105	Trave	1301	1311	120	5	1			
106	Trave	1303	1305	120	5	1	000011		
107	Trave	1303	868	120	5	1			
108	Trave	1304	1310	120	5	1			
109	Trave	1228	1302	120	5	1	000011		
110	Trave	1228	836	120	5	1			
111	Trave	1304	1653	120	5	1	000011		
112	Trave	1301	1654	120	5	1	000011		
113	Trave	716	1314	120	4	1	000011		
114	Trave	1172	1315	120	4	1	000011		
115	Pilas.	1308	1301	120	5	1			
116	Pilas.	1309	1304	120	5	1			
117	Pilas.	1307	1297	120	5	1			
118	Trave	1309	1310	120	5	1			
119	Trave	1308	1311	120	5	1			
120	Trave	1307	1298	120	5	1			
121	Trave	1302	1309	120	5	1			
122	Trave	1305	1308	120	5	1			
123	Trave	1306	1307	120	5	1			
124	Trave	1298	1299	120	5	1	000011		
125	Trave	1306	1297	120	5	1			
126	Trave	1311	868	120	5	1	000011		
127	Trave	1305	1301	120	5	1			
128	Trave	1310	836	120	5	1	000011		
129	Trave	1302	1304	120	5	1			
130	Trave	1297	1132	120	4	1	000011		
131	Trave	908	1304	120	4	1	000011		
132	Trave	1198	1312	120	5	1			
133	Trave	1312	1100	120	5	1	000011		
134	Trave	1060	1313	120	5	1	000011		
135	Trave	1313	1156	120	5	1	000011		
136	Trave	804	1314	120	5	1	000011		
137	Trave	948	1314	120	5	1	000011		
138	Trave	1315	1188	120	5	1	000011		
139	Trave	884	1315	120	5	1	000011		
140	Trave	1312	1091	120	4	1		000011	
141	Trave	1313	1076	120	4	1		000011	
142	Trave	1314	1658	120	4	1			
143	Trave	1315	1659	120	4	1			
144	Trave f.	1	104	3	1	2		5.77	2.54
145	Trave f.	104	110	3	1	2		6.61	2.91
146	Trave f.	110	101	3	1	2		7.88	3.47
147	Trave f.	101	143	3	1	2		8.85	3.90
148	Trave f.	143	149	3	1	2		9.76	4.30
149	Trave f.	149	102	3	1	2		10.00	4.41
150	Trave f.	102	122	3	1	2		9.39	4.14

151	Trave f.	122	132	3	1	2	7.79	3.43
152	Trave f.	132	9	3	1	2	6.14	2.71
153	Trave f.	11	9	3	1	2	5.41	2.39
154	Trave f.	10	11	3	1	2	7.46	3.29
155	Trave f.	240	10	3	1	2	10.00	4.41
156	Trave f.	8	240	3	1	2	10.00	4.41
157	Trave f.	224	8	3	1	2	10.00	4.41
158	Trave f.	218	224	3	1	2	9.94	4.38
159	Trave f.	212	218	3	1	2	8.71	3.84
160	Trave f.	206	212	3	1	2	7.07	3.12
161	Trave f.	7	206	3	1	2	5.41	2.38
162	Trave f.	195	7	3	1	2	5.66	2.49
163	Trave f.	189	195	3	1	2	7.52	3.32
164	Trave f.	6	189	3	1	2	9.43	4.16
165	Trave f.	178	6	3	1	2	10.00	4.41
166	Trave f.	5	178	3	1	2	9.75	4.30
167	Trave f.	167	5	3	1	2	8.64	3.81
168	Trave f.	161	167	3	1	2	7.67	3.38
169	Trave f.	155	161	3	1	2	6.63	2.92
170	Trave f.	2	155	3	1	2	6.33	2.79
171	Trave f.	2	42	3	1	2	6.34	2.79
172	Trave f.	42	52	3	1	2	6.33	2.79
173	Trave f.	52	58	3	1	2	7.00	3.08
174	Trave f.	58	4	3	1	2	7.44	3.28
175	Trave f.	4	12	3	1	2	7.57	3.34
176	Trave f.	12	3	3	1	2	7.16	3.16
177	Trave f.	3	79	3	1	2	6.79	2.99
178	Trave f.	79	85	3	1	2	6.41	2.82
179	Trave f.	85	91	3	1	2	5.90	2.60
180	Trave f.	91	1	3	1	2	5.94	2.62
181	Trave f.	9	13	3	1	2	6.92	3.05
182	Trave f.	13	14	3	1	2	10.00	4.41
183	Trave f.	14	33	3	1	2	10.00	4.41
184	Trave f.	33	282	3	1	2	10.00	4.41
185	Trave f.	282	36	3	1	2	10.00	4.41
186	Trave f.	36	293	3	1	2	10.00	4.41
187	Trave f.	293	15	3	1	2	10.00	4.41
188	Trave f.	622	585	3	1	2	10.00	4.41
189	Trave f.	624	622	3	1	2	10.00	4.41
190	Trave f.	626	624	3	1	2	10.00	4.41
191	Trave f.	628	626	3	1	2	10.00	4.41
192	Trave f.	630	628	3	1	2	10.00	4.41
193	Trave f.	603	630	3	1	2	10.00	4.41
194	Trave f.	603	604	3	1	2	10.00	4.41
195	Trave f.	604	606	3	1	2	10.00	4.41
196	Trave f.	606	608	3	1	2	10.00	4.41
197	Trave f.	608	610	3	1	2	10.00	4.41
198	Trave f.	610	612	3	1	2	10.00	4.41
199	Trave f.	612	614	3	1	2	10.00	4.41
200	Trave f.	614	616	3	1	2	10.00	4.41
201	Trave f.	616	618	3	1	2	10.00	4.41
202	Trave f.	618	620	3	1	2	10.00	4.41
203	Trave f.	456	17	3	1	2	10.00	4.41
204	Trave f.	21	456	3	1	2	10.00	4.41
205	Trave f.	585	586	3	1	2	10.00	4.41
206	Trave f.	586	588	3	1	2	10.00	4.41
207	Trave f.	588	590	3	1	2	10.00	4.41
208	Trave f.	590	592	3	1	2	10.00	4.41
209	Trave f.	592	594	3	1	2	10.00	4.41
210	Trave f.	594	596	3	1	2	10.00	4.41
211	Trave f.	596	598	3	1	2	10.00	4.41
212	Trave f.	598	600	3	1	2	10.00	4.41
213	Trave f.	35	600	3	1	2	10.00	4.41
214	Trave f.	31	35	3	1	2	10.00	4.41
215	Trave f.	634	31	3	1	2	10.00	4.41
216	Trave f.	632	634	3	1	2	10.00	4.41
217	Trave f.	620	632	3	1	2	10.00	4.41
218	Trave f.	22	21	3	1	2	10.00	4.41
219	Trave f.	23	22	3	1	2	10.00	4.41
220	Trave f.	482	23	3	1	2	10.00	4.41
221	Trave f.	25	482	3	1	2	10.00	4.41
222	Trave f.	493	25	3	1	2	10.00	4.41
223	Trave f.	24	493	3	1	2	10.00	4.41
224	Trave f.	520	24	3	1	2	10.00	4.41
225	Trave f.	514	520	3	1	2	10.00	4.41
226	Trave f.	504	514	3	1	2	10.00	4.41
227	Trave f.	26	504	3	1	2	10.00	4.41

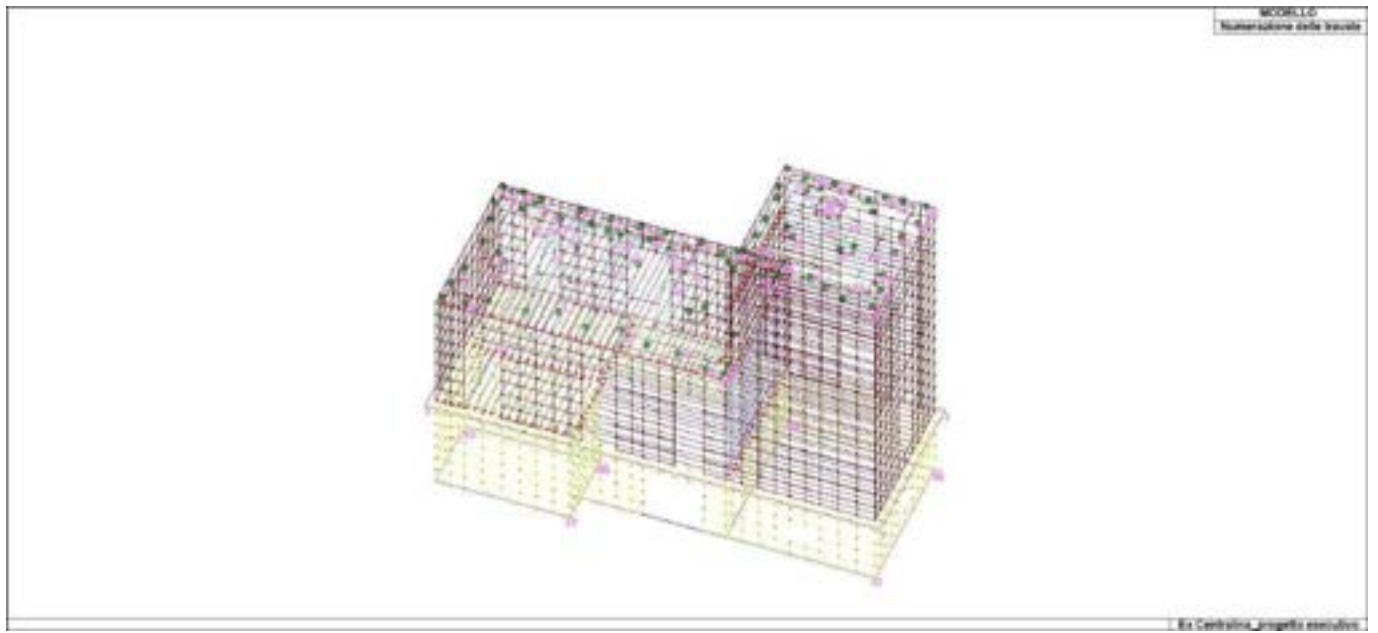
228	Trave f.	537	26	3	1	2			10.00	4.41
229	Trave f.	527	537	3	1	2			10.00	4.41
230	Trave f.	30	527	3	1	2			10.00	4.41
231	Trave f.	544	30	3	1	2			10.00	4.41
232	Trave f.	541	544	3	1	2			10.00	4.41
233	Trave f.	565	541	3	1	2			10.00	4.41
234	Trave f.	555	565	3	1	2			10.00	4.41
235	Trave f.	28	555	3	1	2			10.00	4.41
236	Trave	1535	1649	120	5	1	000011			
237	Trave	1565	1652	120	5	1	000011			
238	Trave	1645	1660	120	5	1				
239	Trave	1645	1661	120	5	1				
240	Trave	1578	1632	120	5	1				
241	Trave	1578	1647	120	5	1	000011			
242	Trave	1645	1648	120	5	1				
243	Trave	1545	1645	120	5	1	000011			
244	Trave	1645	1605	120	5	1		000010		
245	Pilas.	1646	1645	120	5	1				
246	Trave	1647	1646	120	5	1				
247	Trave	1646	1648	120	5	1				
248	Trave	1647	1645	120	5	1				
249	Trave	1648	1632	120	5	1		000011		
250	Trave	1649	1539	120	5	1		000011		
251	Trave	1587	1649	120	5	1	000011			
252	Trave	1650	1623	120	5	1		000011		
253	Trave	1554	1650	120	5	1	000011			
254	Trave	1651	1641	120	5	1		000011		
255	Trave	1599	1651	120	5	1		000011		
256	Trave	1652	1614	120	5	1		000011		
257	Trave	1569	1652	120	5	1	000011			
258	Trave	1649	1662	120	5	1				
259	Trave	1652	1663	120	5	1				
260	Trave	1650	1560	120	5	1		000011		
261	Trave	1651	1595	120	5	1		000011		
262	Trave	1653	1301	120	5	1		000011		
263	Trave	1654	1297	120	5	1		000011		
264	Trave	1653	1253	120	5	1	000011	000011		
265	Trave	852	1653	120	5	1	000011	000011		
266	Trave	1020	1654	120	5	1	000011	000011		
267	Trave f.	371	28	3	1	2			10.00	4.41
268	Trave	1655	1654	120	5	1	000011	000011		
269	Trave	1656	1312	120	4	1				
270	Trave	1657	1313	120	4	1				
271	Trave	1658	1304	120	4	1				
272	Trave	1659	1304	120	4	1				
273	Trave	1657	1052	120	5	1	000011	000011		
274	Trave	820	1658	120	5	1	000011	000011		
275	Trave	1656	1257	120	5	1	000011	000011		
276	Trave	1657	1148	120	5	1	000011	000011		
277	Trave	1656	1116	120	5	1	000011	000011		
278	Trave	932	1658	120	5	1	000011	000011		
279	Trave	892	1659	120	5	1	000011	000011		
280	Trave	1204	1659	120	5	1	000011	000011		
281	Trave	1660	1650	120	5	1				
282	Trave	1661	1651	120	5	1				
283	Trave	1662	1645	120	5	1				
284	Trave	1663	1645	120	5	1				
285	Trave	1662	1542	120	5	1	000011	000011		
286	Trave	1584	1662	120	5	1	000011	000011		
287	Trave	1575	1663	120	5	1	000011	000011		
288	Trave	1611	1663	120	5	1	000011	000011		
289	Trave	1602	1661	120	5	1	000011	000011		
290	Trave	1661	1638	120	5	1	000011	000011		
291	Trave	1660	1626	120	5	1	000011	000011		
292	Trave	1660	1551	120	5	1	000011	000011		



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



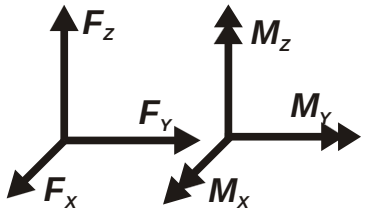
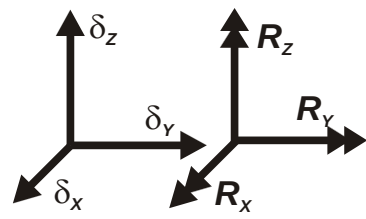
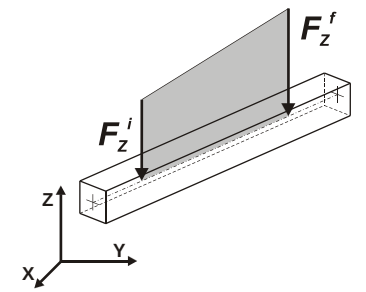
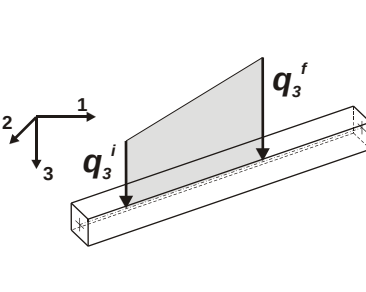
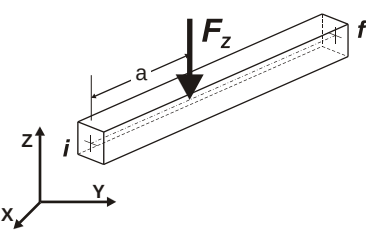
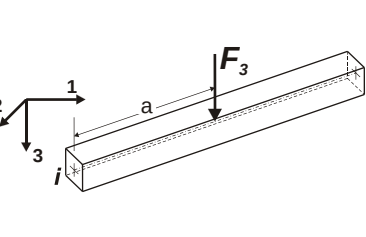
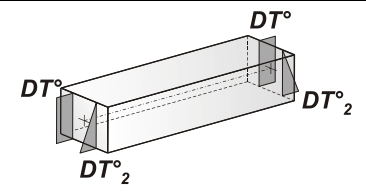
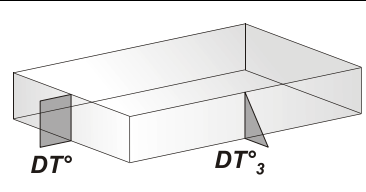
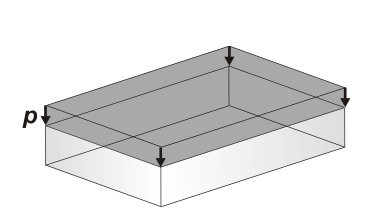
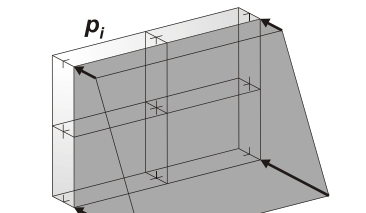
15_MOD_NUMERAZIONE_D2_TRAVATE

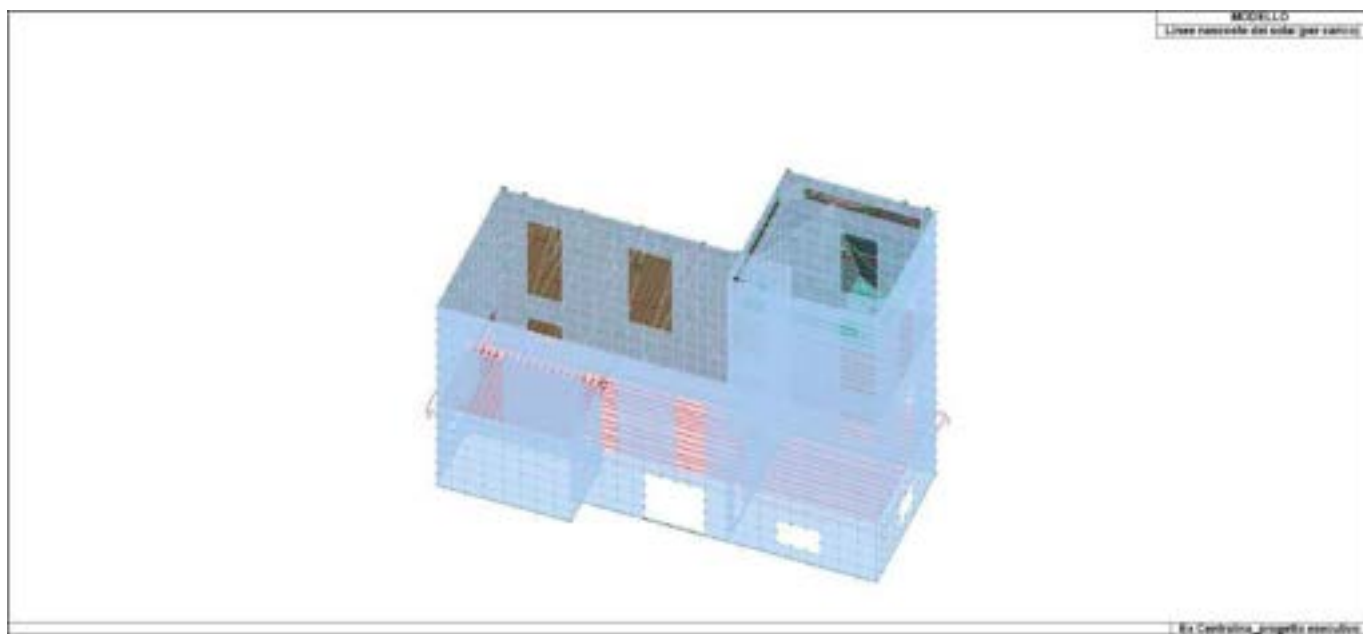
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	carico concentrato nodale 6 dati (forza F_x , F_y , F_z , momento M_x , M_y , M_z)
2	spostamento nodale impresso 6 dati (spostamento T_x , T_y , T_z , rotazione R_x , R_y , R_z)
3	carico distribuito globale su elemento tipo trave 7 dati (f_x , f_y , f_z , m_x , m_y , m_z , ascissa di inizio carico) 7 dati (f_x , f_y , f_z , m_x , m_y , m_z , ascissa di fine carico)
4	carico distribuito locale su elemento tipo trave 7 dati (f_1 , f_2 , f_3 , m_1 , m_2 , m_3 , ascissa di inizio carico) 7 dati (f_1 , f_2 , f_3 , m_1 , m_2 , m_3 , ascissa di fine carico)
5	carico concentrato globale su elemento tipo trave 7 dati (F_x , F_y , F_z , M_x , M_y , M_z , ascissa di carico)
6	carico concentrato locale su elemento tipo trave 7 dati (F_1 , F_2 , F_3 , M_1 , M_2 , M_3 , ascissa di carico)
7	variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	carico di pressione uniforme su elemento tipo piastra 1 dato (pressione)
9	carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota)
10	variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore)
11	carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi)

 Carico concentrato nodale	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico concentrato globale	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico pressione uniforme	 Carico pressione variabile



21_CAR_CARICHI_SOLAI

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	Tipo	Descrizione
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

LOCALIZZAZIONE DELL'INTERVENTO

Ubicazione:

Località	VENARIA REALE
Provincia	TORINO
Regione	PIEMONTE
Latitudine	45,13100 N
Longitudine	7,63100 E
Altitudine s.l.m.	262,0 m

CALCOLO DELLE AZIONI DELLA NEVE E DEL VENTO

Normativa di riferimento:

D.M. 17 gennaio 2018 - NORME TECNICHE PER LE COSTRUZIONI

Cap. 3 - AZIONI SULLE COSTRUZIONI - Par. 3.3 e 3.4

Circolare n.7 - 21 gennaio 2019 C.S.LL.PP.

NEVE

Il carico della neve sulle coperture è calcolato in relazione ai seguenti parametri:

Zona: macro area derivante dalla suddivisione del territorio nazionale;

Esp.: zona topografica di esposizione al vento;

Ce: coefficiente di esposizione al vento;

TR: periodo di ritorno di progetto espresso in anni;

as: altitudine del sito;

qsk: valore caratteristico del carico della neve al suolo (per $T_r = 50$ anni);

Zona	Esposizione	Ce	TR	as	qsk
I Alpina	Zona normale	1,00	50 anni	262 m	157,00

Copertura a due falde:

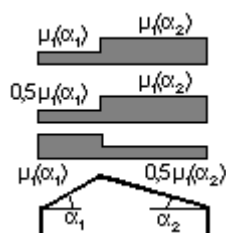
Angolo di inclinazione della falda $\alpha_1 = 30,0^\circ$

$\mu_1(\alpha_1) = 0,80 \Rightarrow Q_1 = 126 \text{ daN/mq}$

Angolo di inclinazione della falda $\alpha_2 = 30,0^\circ$

$\mu_1(\alpha_2) = 0,80 \Rightarrow Q_2 = 126 \text{ daN/mq}$

Schema di carico:



VENTO

La velocità del vento è calcolata in relazione ai seguenti parametri:

Zona: macro area derivante dalla suddivisione del territorio nazionale (NTC - Tab. 3.3.I);

V_{b,0}: velocità base della zona (NTC - Tab. 3.3.I);

a₀: altitudine base della zona (NTC - Tab. 3.3.I);

k_s: parametro in funzione della zona in cui sorge la costruzione (NTC - Tab. 3.3.I);

as: altitudine del sito;

TR: periodo di ritorno di progetto espresso in anni;

V_b: velocità di riferimento calcolata come segue:

$V_b = V_{b,0}$ per $as \leq a_0$

$V_b = V_{b,0} (1 + k_s ((as / a_0) - 1))$ per $a_0 < as \leq 1500 \text{ m}$

per $as > 1500 \text{ m}$ vanno ricavati da opportuna documentazione o da indagini comprovate

Tali valori non dovranno essere minori di quelli previsti per $as = 1500 \text{ m}$

Cr: coefficiente di ritorno in funzione del periodo di ritorno TR

V_r: velocità di riferimento riferita al periodo di ritorno TR

Zona	V _{b,0}	a ₀	k _s	as	TR	V _b	Cr	V _r

1	25 m/s	1000 m	0,40	262 m	50 anni	25,00 m/s	1,000	25,00 m/s

Pressione cinetica di riferimento, $q_r = \rho V_r^2 / 2 = 39 \text{ daN/mq}$

dove: ρ è la densità dell'aria (assunta convenzionalmente costante = 1,25 kg/mc)

Esposizione: Cat. IV - Entroterra fino a 500 m di altitudine

Da cui i parametri della tabella 3.3.II delle NTC

Kr	z0	z min
0,22	0,30 m	8 m

Classe di rugosità del terreno: B (NTC - Tab. 3.3.III)

Aree urbane (non di classe A), suburbane, industriali e boschive

L'azione del vento sulle costruzioni è determinata dai seguenti parametri:

Cp: coefficiente di pressione;

Cd: coefficiente dinamico;

Ct: coefficiente di topografia;

Ce: coefficiente di esposizione (funzione di z, z0 e Ct);

z: altezza sul suolo.

Cp	Cd	Ct	Ce	z
0,80	1,00	1,00	1,71	9,02 m

Pressione del vento

$p = q_r C_e C_p C_d = 54 \text{ daN/mq}$

TEMPERATURA DELL'ARIA ESTERNA

Le temperature esterne, T max (massima estiva) e T min (minima invernale), sono calcolate secondo le seguenti espressioni riferite alla zona climatica:

T min = -15 - 4 as / 1000 (NTC 3.5.1)

T max = 42 - 6 as / 1000 (NTC 3.5.2)

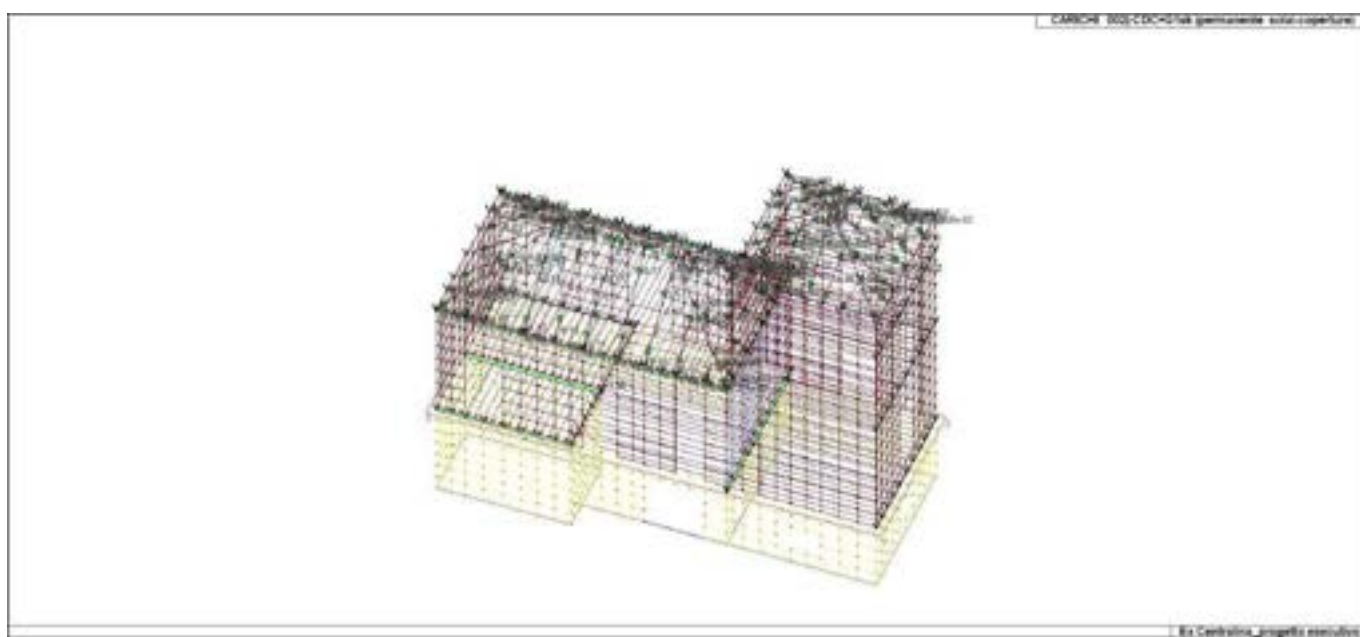
dove as è l'altitudine di riferimento

Zona	as	T min	T max
I	262 m	-16,05 °C	40,43 °C

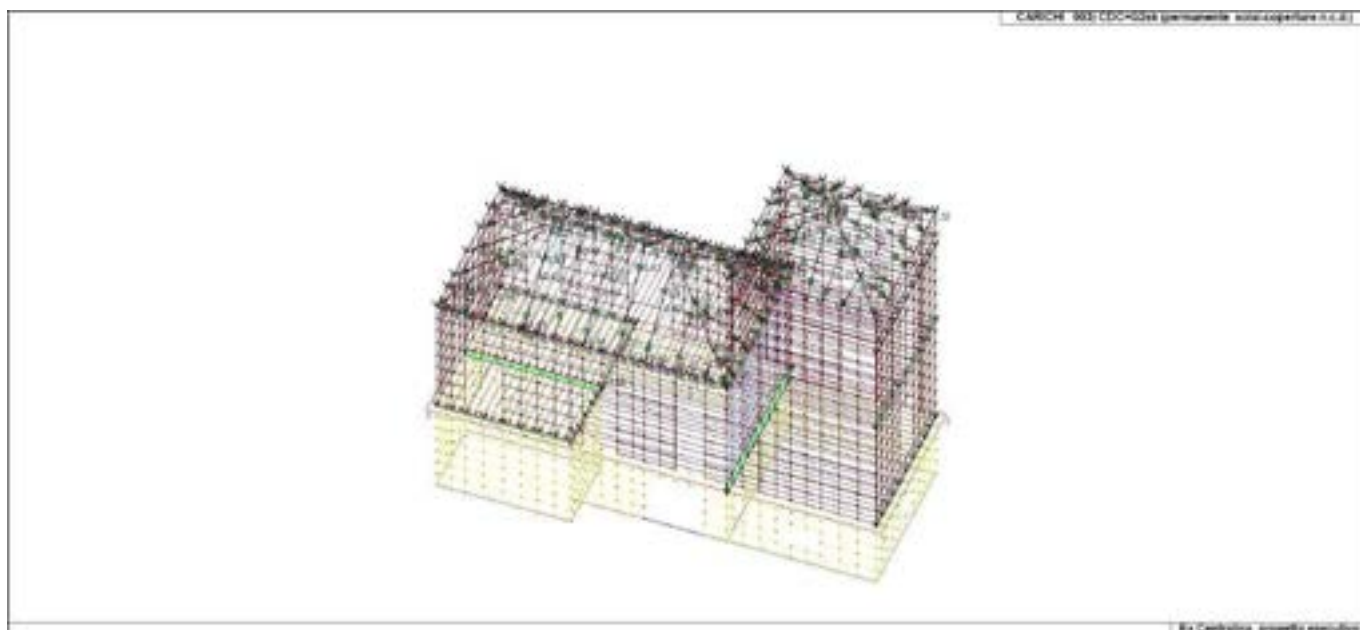
CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Qsk	CDC=Qsk (variabile solai)		
5	Qnk	CDC=Qnk (carico da neve)		
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)	
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	



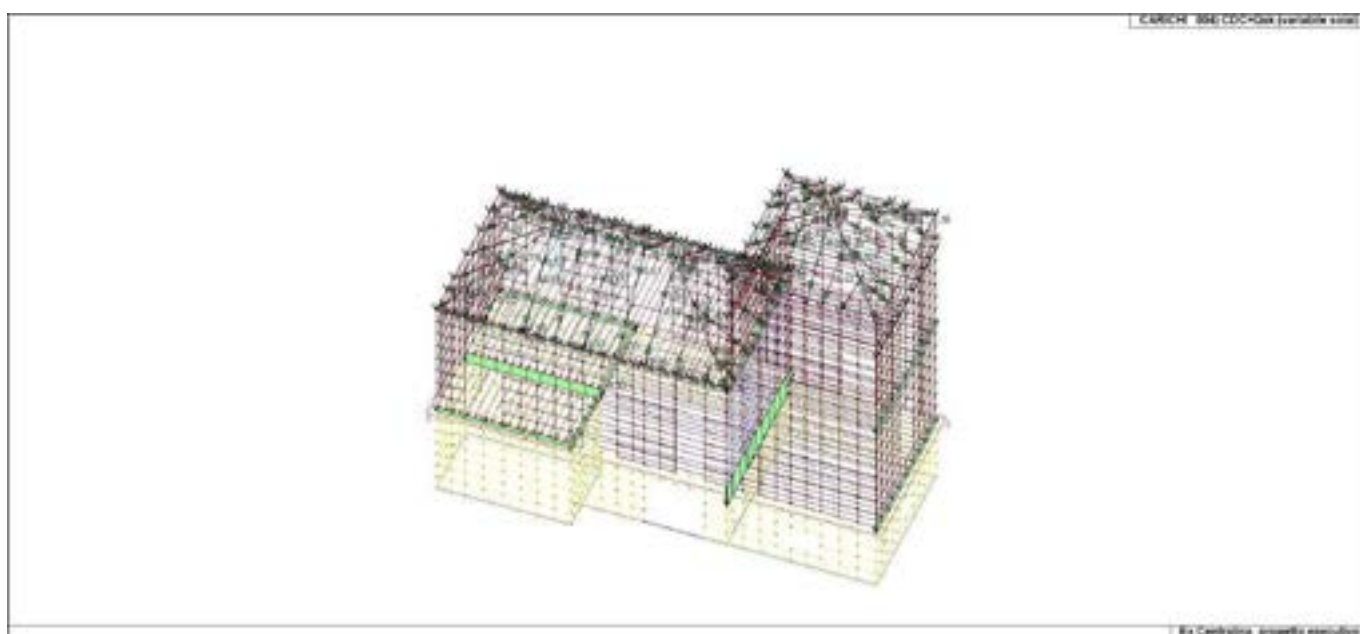
22_CDC_001_CDCCGk peso proprio della struttura



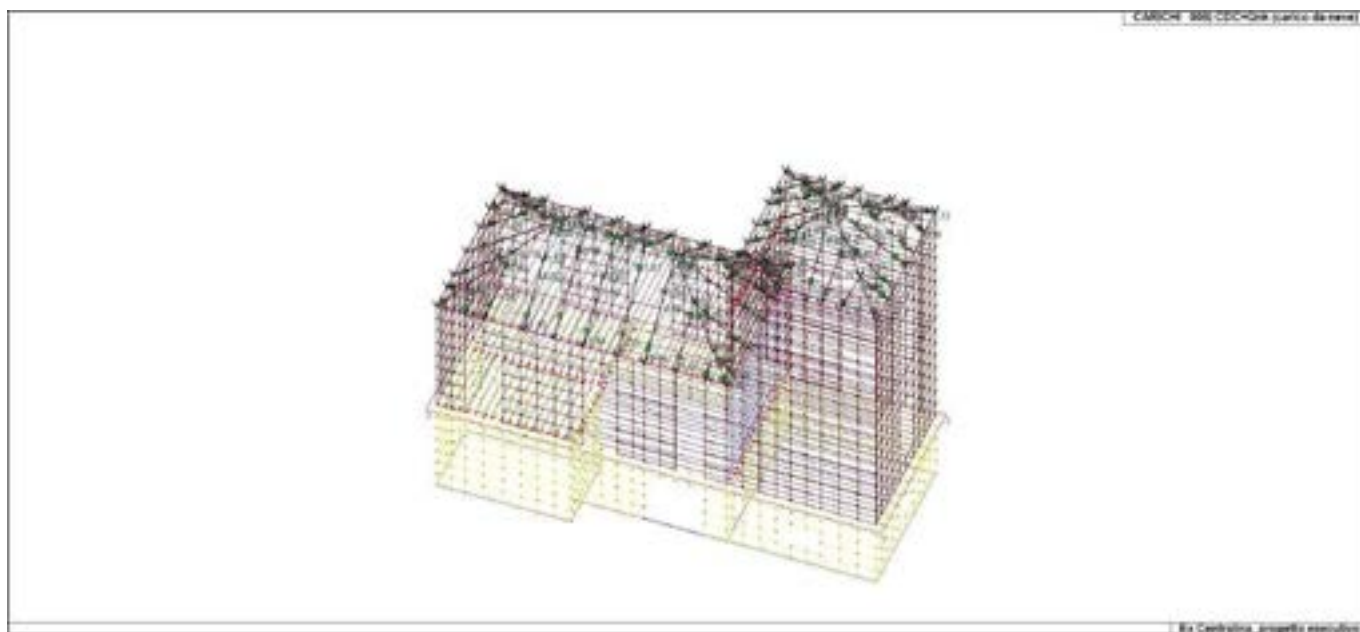
22_CDC_002_CDCCG1sk permanente solai-coperture



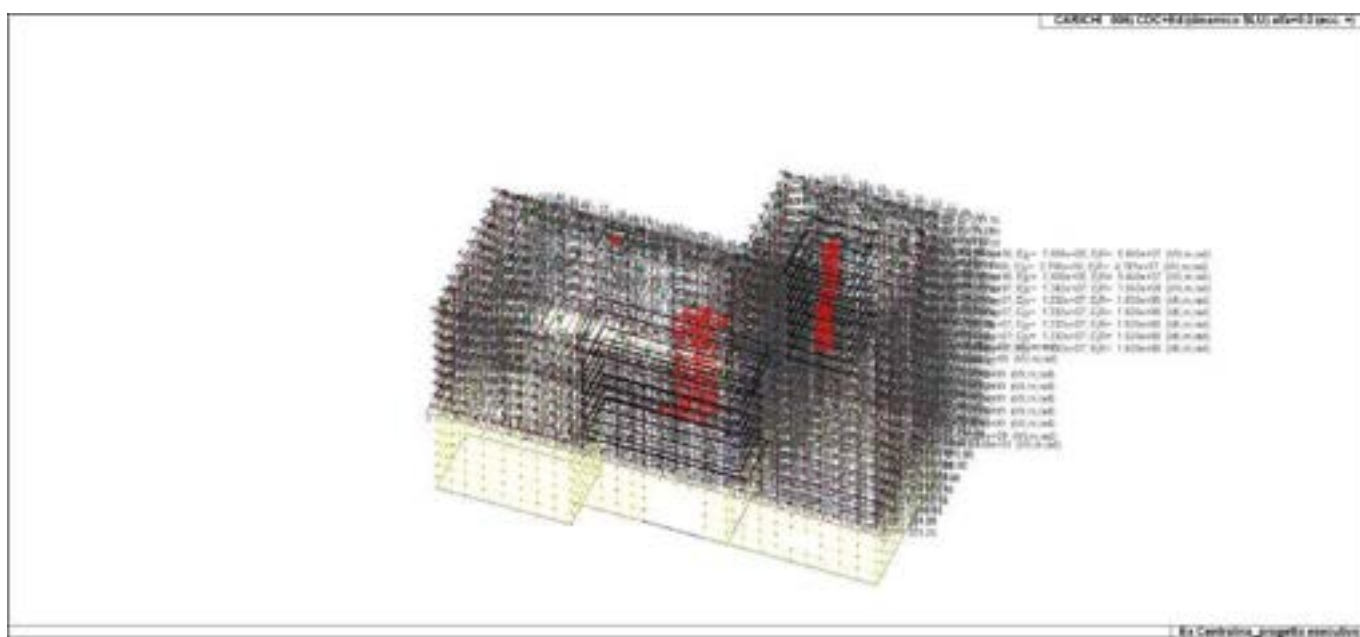
22_CDC_003_CDCG2sk permanente solai-coperture ncd



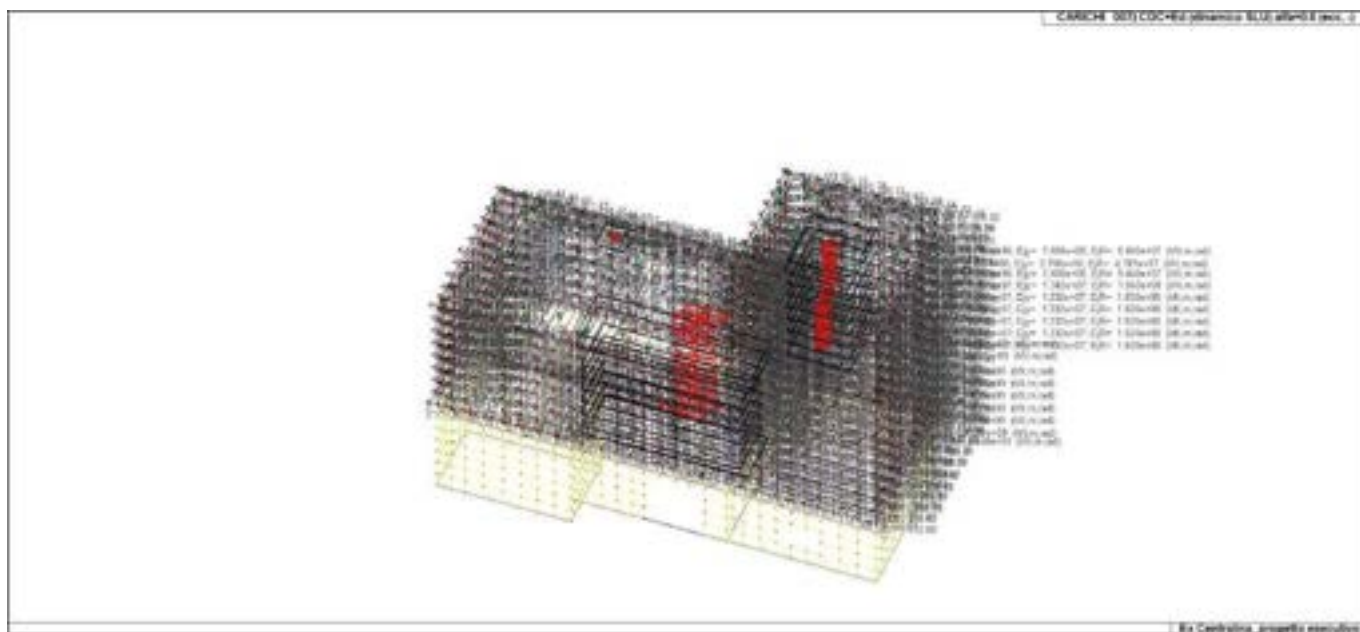
22_CDC_004_CDCQsk variabile solai



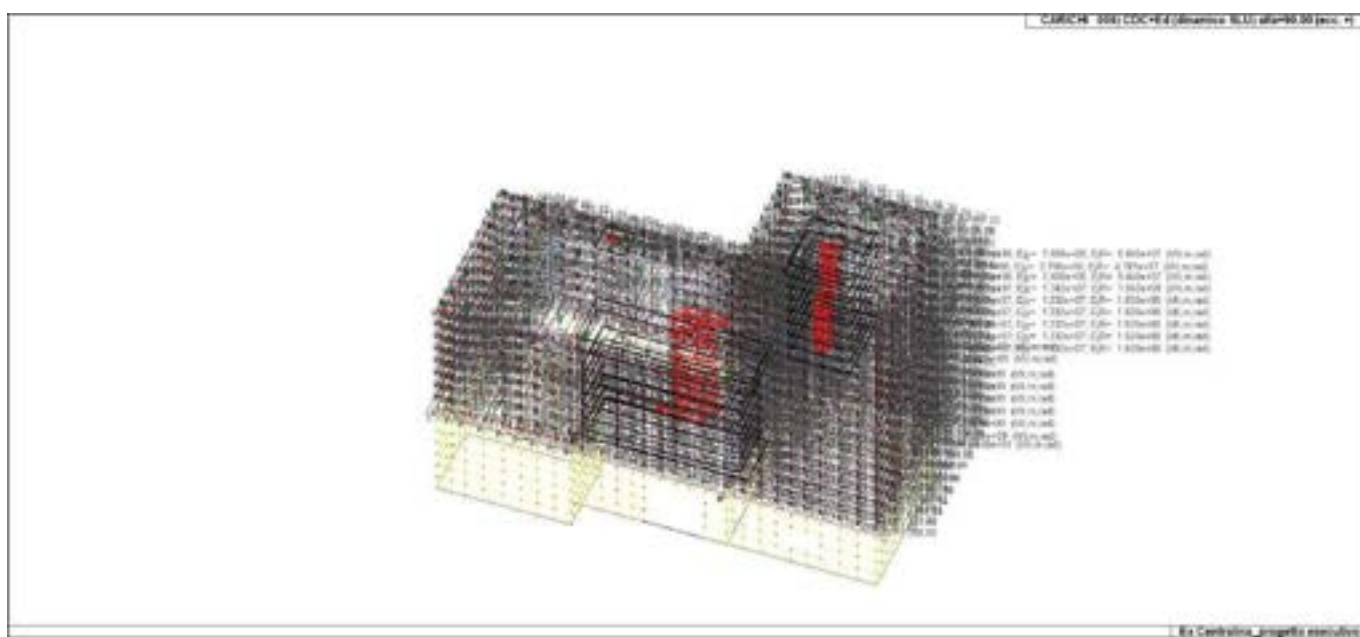
22_CDC_005_CDCQnk carico da neve



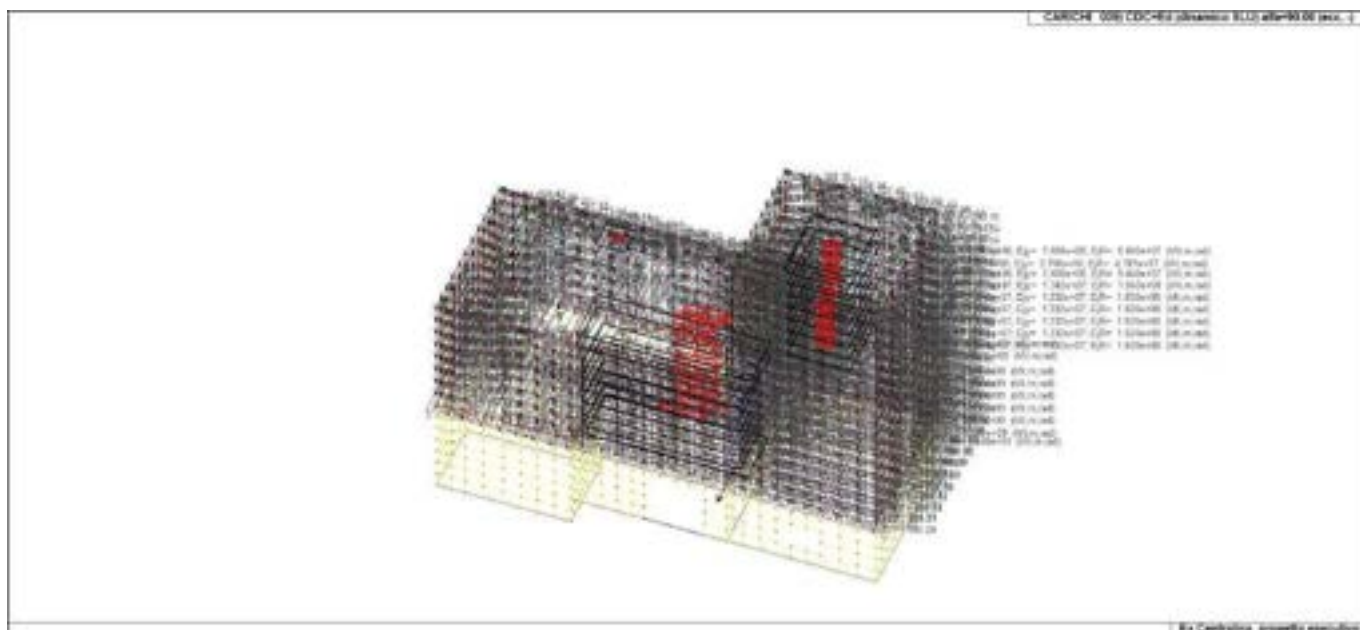
22_CDC_006_CDCEd dinamico SLU alfa00 ecc +



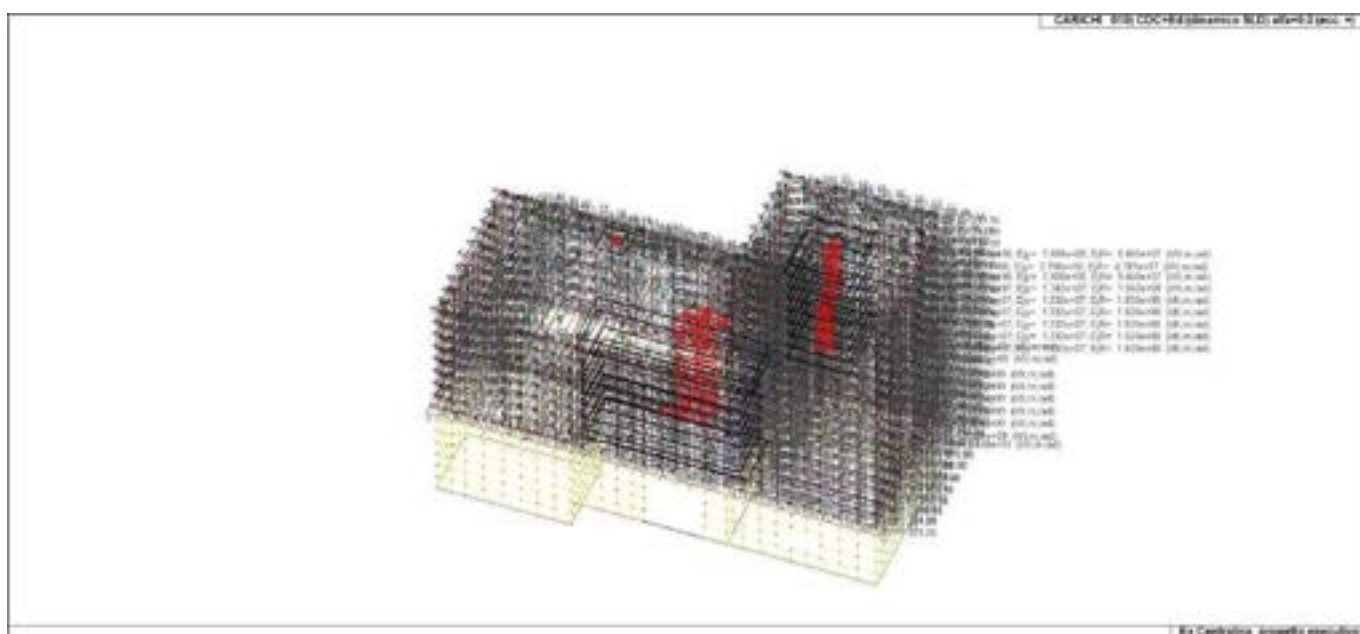
22_CDC_007_CDCEd dinamico SLU alfa00 ecc -



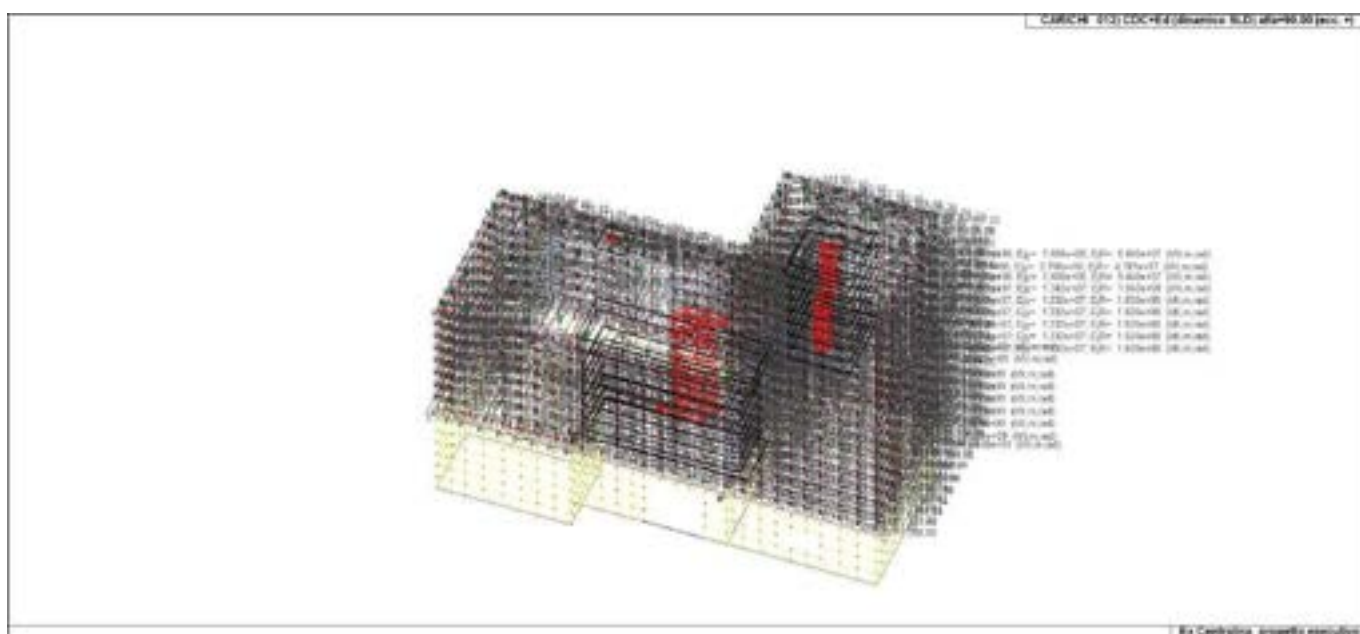
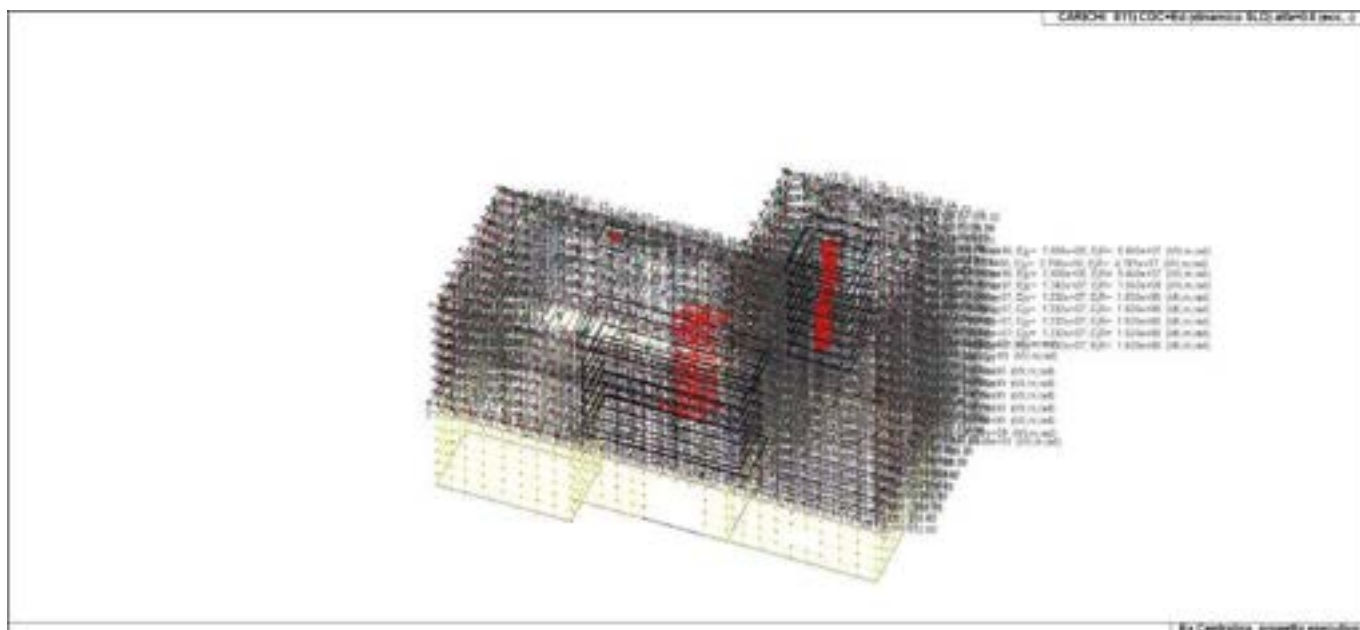
22_CDC_008_CDCEd dinamico SLU alfa9000 ecc +

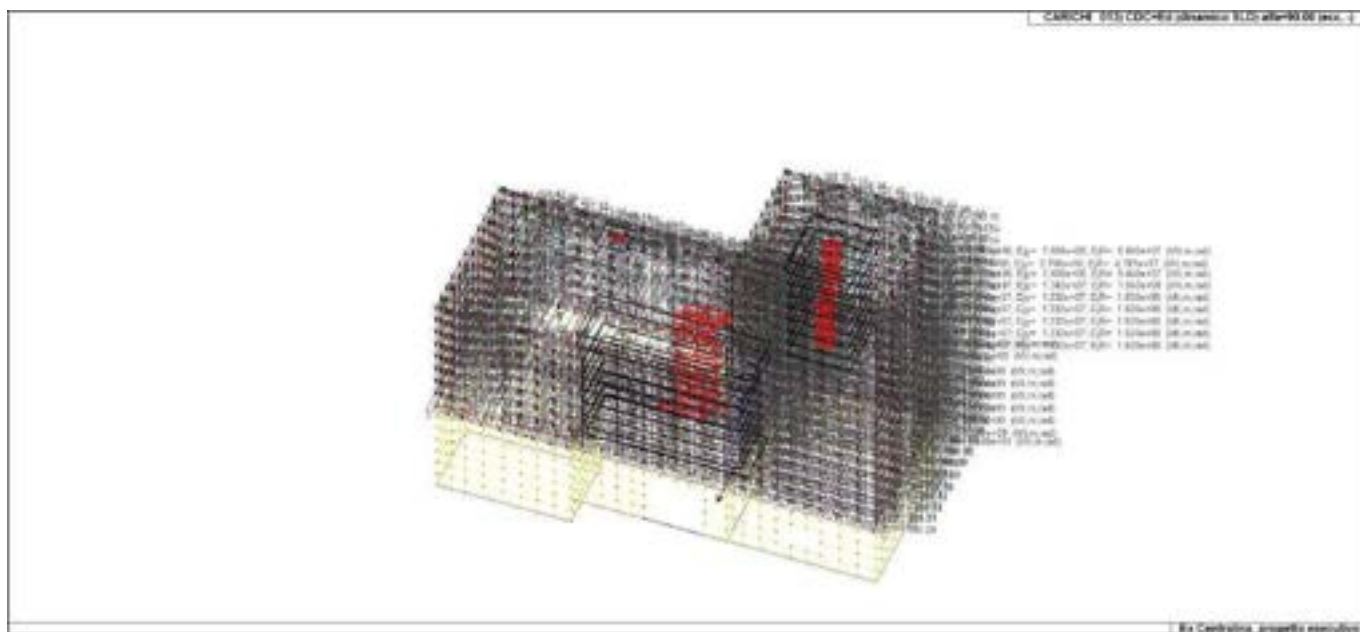


22_CDC_009_CDCEd dinamico SLU alfa9000 ecc -



22_CDC_010_CDCEd dinamico SLD alfa00 ecc +





22_CDC_013_CDCEd dinamico SLD alfa9000 ecc -

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini, ...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30kN$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30kN$)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota ≤ 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

	Coefficiente	EQU	A1	A2

		γf			
<i>Carichi permanenti</i>	<i>Favorevoli</i>	$\gamma G1$	<i>0,9</i>	<i>1,0</i>	<i>1,0</i>
	<i>Sfavorevoli</i>		<i>1,1</i>	<i>1,3</i>	<i>1,0</i>
<i>Carichi permanenti non strutturali</i>	<i>Favorevoli</i>	$\gamma G2$	<i>0,8</i>	<i>0,8</i>	<i>0,8</i>
<i>(Non compiutamente definiti)</i>	<i>Sfavorevoli</i>		<i>1,5</i>	<i>1,5</i>	<i>1,3</i>
<i>Carichi variabili</i>	<i>Favorevoli</i>	γQi	<i>0,0</i>	<i>0,0</i>	<i>0,0</i>
	<i>Sfavorevoli</i>		<i>1,5</i>	<i>1,5</i>	<i>1,3</i>

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLU	Comb. SLU A1 (SLV sism.) 33	
34	SLU	Comb. SLU A1 (SLV sism.) 34	
35	SLU	Comb. SLU A1 (SLV sism.) 35	
36	SLU	Comb. SLU A1 (SLV sism.) 36	
37	SLU	Comb. SLU A1 (SLV sism.) 37	
38	SLU	Comb. SLU A1 (SLV sism.) 38	
39	SLU	Comb. SLU A1 (SLV sism.) 39	
40	SLU	Comb. SLU A1 (SLV sism.) 40	
41	SLU	Comb. SLU A1 (SLV sism.) 41	
42	SLU	Comb. SLU A1 (SLV sism.) 42	
43	SLU	Comb. SLU A1 (SLV sism.) 43	
44	SLU	Comb. SLU A1 (SLV sism.) 44	
45	SLU	Comb. SLU A1 (SLV sism.) 45	
46	SLU	Comb. SLU A1 (SLV sism.) 46	
47	SLE(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLE(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLE(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLE(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLE(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLE(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLE(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLE(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLE(sis)	Comb. SLE (SLD Danno sism.) 55	

Cmb	Tipo	Sigla Id	effetto P-delta
56	SLE(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLE(sis)	Comb. SLE (SLD Danno sism.) 57	
58	SLE(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLE(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLE(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLE(sis)	Comb. SLE (SLD Danno sism.) 65	
66	SLE(sis)	Comb. SLE (SLD Danno sism.) 66	
67	SLE(sis)	Comb. SLE (SLD Danno sism.) 67	
68	SLE(sis)	Comb. SLE (SLD Danno sism.) 68	
69	SLE(sis)	Comb. SLE (SLD Danno sism.) 69	
70	SLE(sis)	Comb. SLE (SLD Danno sism.) 70	
71	SLE(sis)	Comb. SLE (SLD Danno sism.) 71	
72	SLE(sis)	Comb. SLE (SLD Danno sism.) 72	
73	SLE(sis)	Comb. SLE (SLD Danno sism.) 73	
74	SLE(sis)	Comb. SLE (SLD Danno sism.) 74	
75	SLE(sis)	Comb. SLE (SLD Danno sism.) 75	
76	SLE(sis)	Comb. SLE (SLD Danno sism.) 76	
77	SLE(sis)	Comb. SLE (SLD Danno sism.) 77	
78	SLE(sis)	Comb. SLE (SLD Danno sism.) 78	
79	SLE(r)	Comb. SLE(rara) 79	
80	SLE(r)	Comb. SLE(rara) 80	
81	SLE(r)	Comb. SLE(rara) 81	
82	SLE(r)	Comb. SLE(rara) 82	
83	SLE(r)	Comb. SLE(rara) 83	
84	SLE(r)	Comb. SLE(rara) 84	
85	SLE(r)	Comb. SLE(rara) 85	
86	SLE(f)	Comb. SLE(freq.) 86	
87	SLE(f)	Comb. SLE(freq.) 87	
88	SLE(f)	Comb. SLE(freq.) 88	
89	SLE(f)	Comb. SLE(freq.) 89	
90	SLE(f)	Comb. SLE(freq.) 90	
91	SLE(p)	Comb. SLE(perm.) 91	
92	SLE(p)	Comb. SLE(perm.) 92	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	1.30	1.30	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	1.30	1.30	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	1.00	1.00	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	1.00	1.00	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	1.30	1.30	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	1.30	1.30	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	1.00	1.00	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	1.00	1.00	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	
16	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	
17	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	
18	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	
19	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	
20	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	
21	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	
22	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	
23	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	
24	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	
25	1.00	1.00	1.00	0.30	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	
26	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	
27	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	
28	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	
29	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	
30	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
31	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	
32	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	
33	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	
34	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	
35	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	
36	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	
37	1.00	1.00	1.00	0.30	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	
38	1.00	1.00	1.00	0.30	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	
39	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	
40	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	
41	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	
42	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	
43	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	
44	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	
45	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	
46	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	
47	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	
48	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	
49	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	
50	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	
51	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	
52	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	
53	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	
54	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	
55	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	
56	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	
57	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	
58	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	
59	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	
60	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	
61	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	
62	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	
63	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	
64	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	
65	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	
66	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	
67	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	
68	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	
69	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	
70	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	
71	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	
72	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	
73	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	
74	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	
75	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	
76	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	
77	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	
78	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	
79	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
81	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
82	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
83	1.00	1.00	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
84	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
85	1.00	1.00	1.00	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
86	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
87	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
88	1.00	1.00	1.00	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
89	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
90	1.00	1.00	1.00	0.30	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
91	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
92	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento V_r che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento V_r e la probabilità di superamento P_{ver} associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno T_r e i relativi parametri di pericolosità sismica (vedi tabella successiva):

a_g : accelerazione orizzontale massima del terreno;

F_o : valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T^*c : periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:

S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente $S = S_s \cdot S_t$ (3.2.3)

F_o è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale

F_v è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno a_g su sito di riferimento rigido orizzontale

T_b è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.

T_c è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.

T_d è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Lo spettro di risposta elastico in accelerazione della componente orizzontale del moto sismico, S_e , è definito dalle seguenti espressioni:

$$\begin{array}{ll} 0 \leq T < T_b & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_b} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_b} \right) \right] \\ T_b \leq T < T_c & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\ T_c \leq T < T_d & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c}{T} \right) \\ T_d \leq T & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_c \cdot T_d}{T} \right) \end{array}$$

Dove per sottosuolo di categoria **A** i coefficienti S_s e C_c valgono 1; mentre per le categorie di sottosuolo B, C, D, E i coefficienti S_s e C_c vengono calcolati mediante le espressioni riportate nella seguente Tabella

Categoria sottosuolo	S_s	C_c
A	1,00	1,00
B	$1,00 \leq 1,40 - 0,40 \cdot F_a \cdot \frac{a_g}{g} \leq 1,20$	$1,10 \cdot (T_c^*)^{-0,20}$
C	$1,00 \leq 1,70 - 0,60 \cdot F_a \cdot \frac{a_g}{g} \leq 1,50$	$1,05 \cdot (T_c^*)^{-0,35}$
D	$0,90 \leq 2,40 - 1,50 \cdot F_a \cdot \frac{a_g}{g} \leq 1,80$	$1,25 \cdot (T_c^*)^{-0,50}$
E	$1,00 \leq 2,00 - 1,10 \cdot F_a \cdot \frac{a_g}{g} \leq 1,60$	$1,15 \cdot (T_c^*)^{-0,40}$

Per tenere conto delle condizioni topografiche e in assenza di specifiche analisi di risposta sismica locale, si utilizzano i valori del coefficiente topografico S_T riportati nella seguente Tabella

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30°	1,2
T4	In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30°	1,4

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico, S_{ve} , è definito dalle espressioni:

$$\begin{aligned}
 0 \leq T < T_B & \quad S_{ve}(T) = a_t \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_a} \left(1 - \frac{T}{T_B} \right) \right] \\
 T_B \leq T < T_C & \quad S_{ve}(T) = a_t \cdot S \cdot \eta \cdot F_v \\
 T_C \leq T < T_D & \quad S_{ve}(T) = a_t \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C}{T} \right) \\
 T_D \leq T & \quad S_{ve}(T) = a_t \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)
 \end{aligned}$$

I valori di S_s , T_B , T_C e T_D , sono riportati nella seguente Tabella

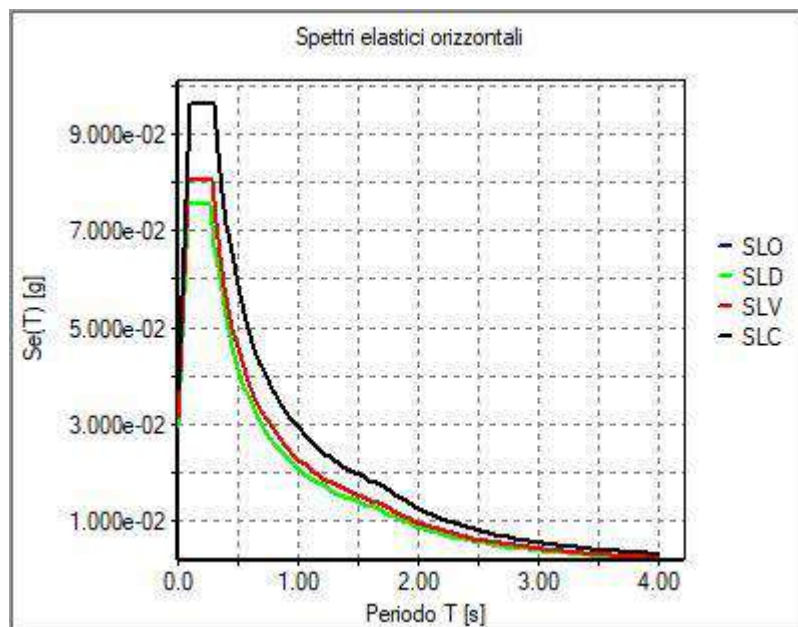
Categoria di sottosuolo	S_s	T_B	T_C	T_D
A, B, C, D, E	1,0	0,05 s	0,15 s	1,0 s

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	7.605	45.144	
13347	7.538	45.138	5.437
13348	7.609	45.141	0.523
13126	7.604	45.191	5.087
13125	7.533	45.187	7.400

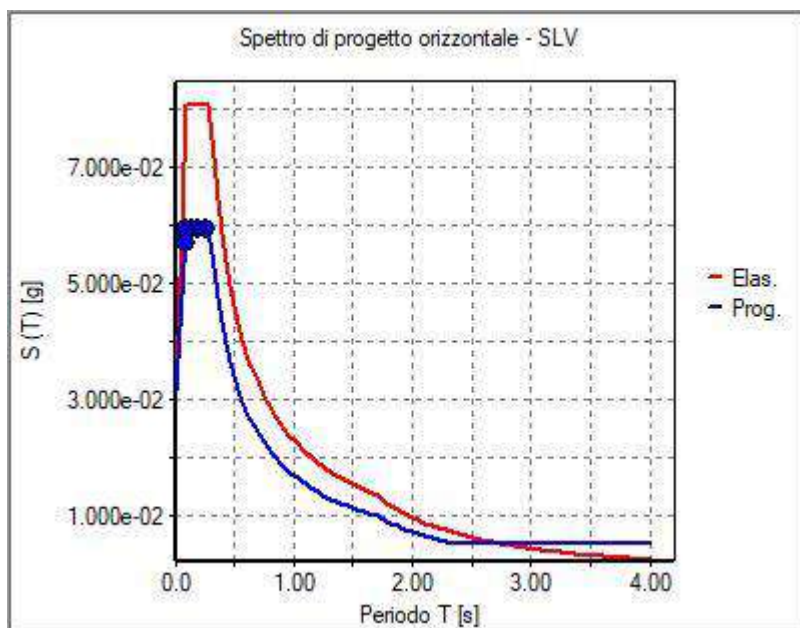
SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	91.8	30.0	0.025	2.556	0.180
SLD	91.8	30.0	0.025	2.556	0.180
SLV	88.4	34.8	0.026	2.562	0.186
SLC	75.6	53.1	0.031	2.583	0.203

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.025	1.200	2.556	0.541	0.093	0.279	1.698
SLD	0.025	1.200	2.556	0.541	0.093	0.279	1.698
SLV	0.026	1.200	2.562	0.560	0.095	0.286	1.705
SLC	0.031	1.200	2.583	0.614	0.102	0.307	1.724

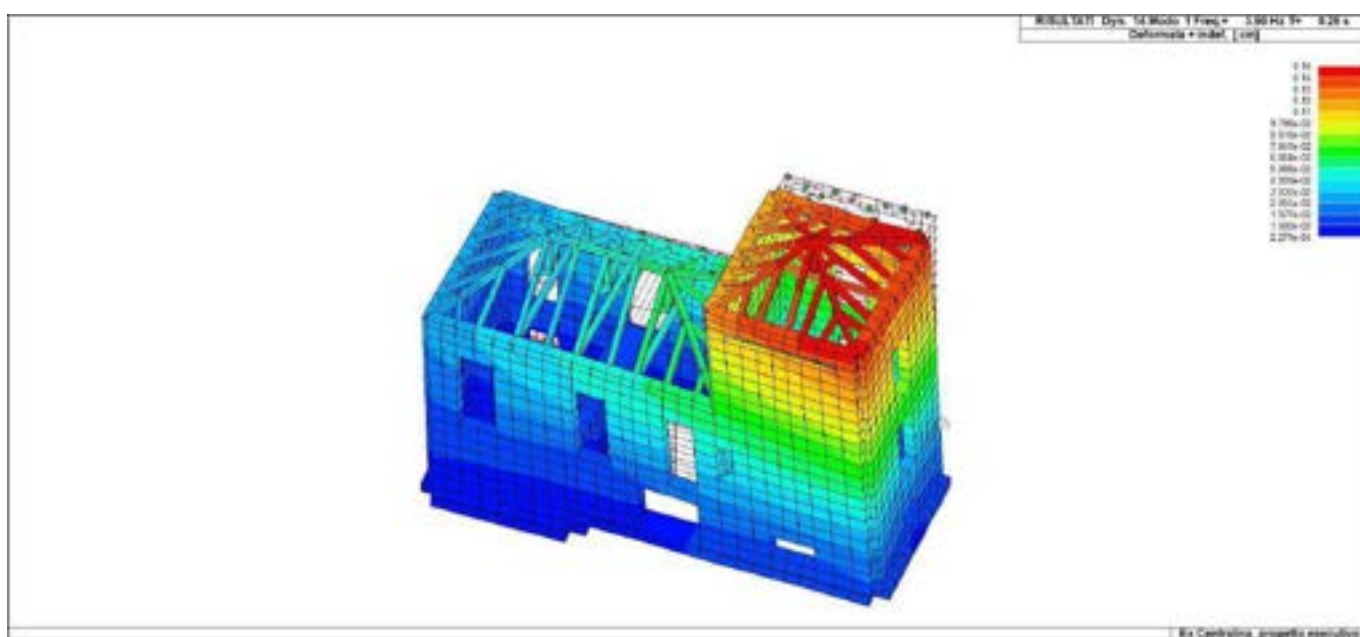
Modo	Frequenza	Periodo	X M efficace x g	%	Y M efficace x g	%	Z M efficace x g	%	RZ M efficace x g	%
	1/sec	sec	daN		daN		daN		daN cm2	
1	3.90	0.26	296.4	0	1.718e+05	70	40.3	0	1.728e+06	23
2	5.29	0.19	1.763e+05	72	0.1	0	612.9	0	4.738e+05	6
3	6.93	0.14	1093.5	0	3.266e+04	13	63.2	0	4.017e+06	53
4	10.54	0.09	3.002e+04	12	465.6	0	250.6	0	1.542e+05	2
5	10.91	0.09	1562.1	0	1.371e+04	5	56.8	0	3.708e+05	4
6	11.61	0.09	14.4	0	198.3	0	302.4	0	9936.2	0

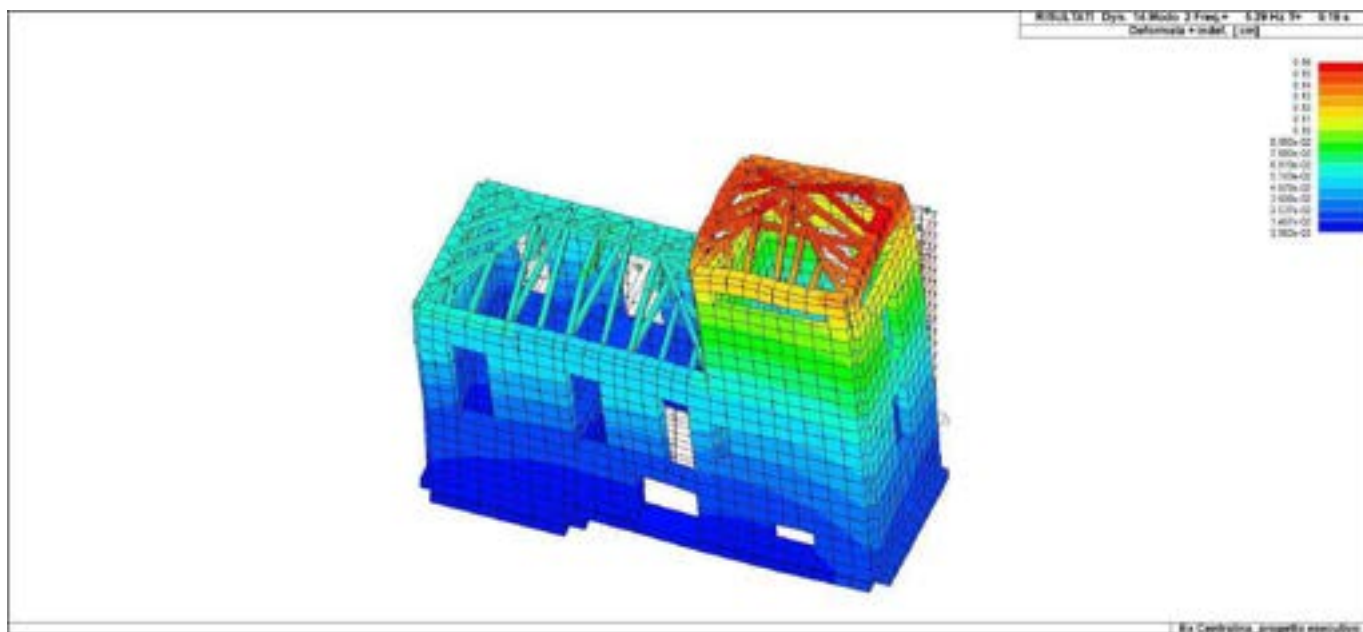


24_DIA_SPETTRI_ELASTICI_O

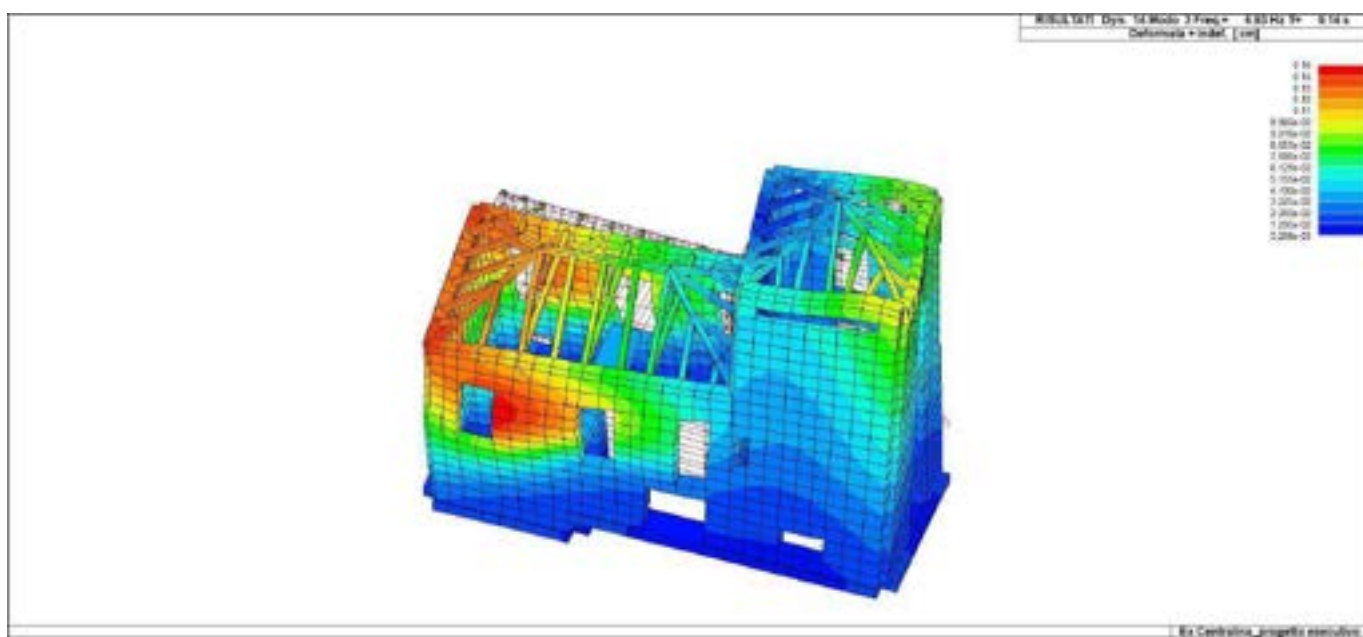


24_DIA_SPETTRI_PROGETTO_SLV_O

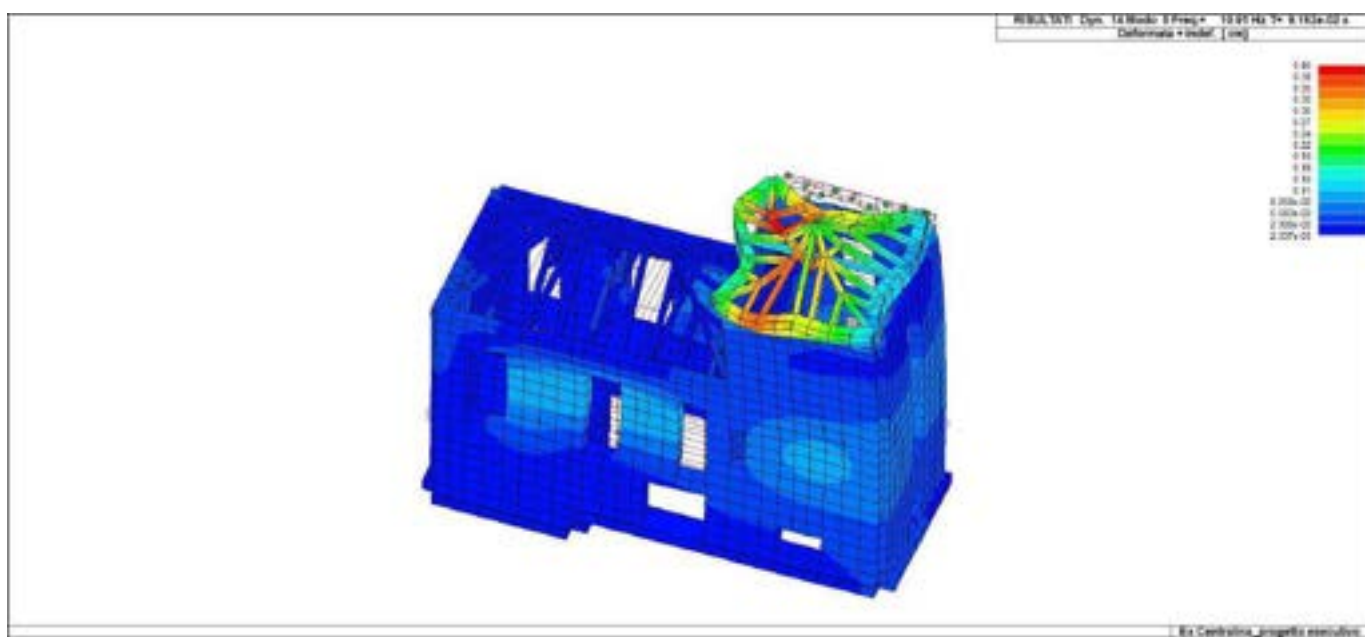
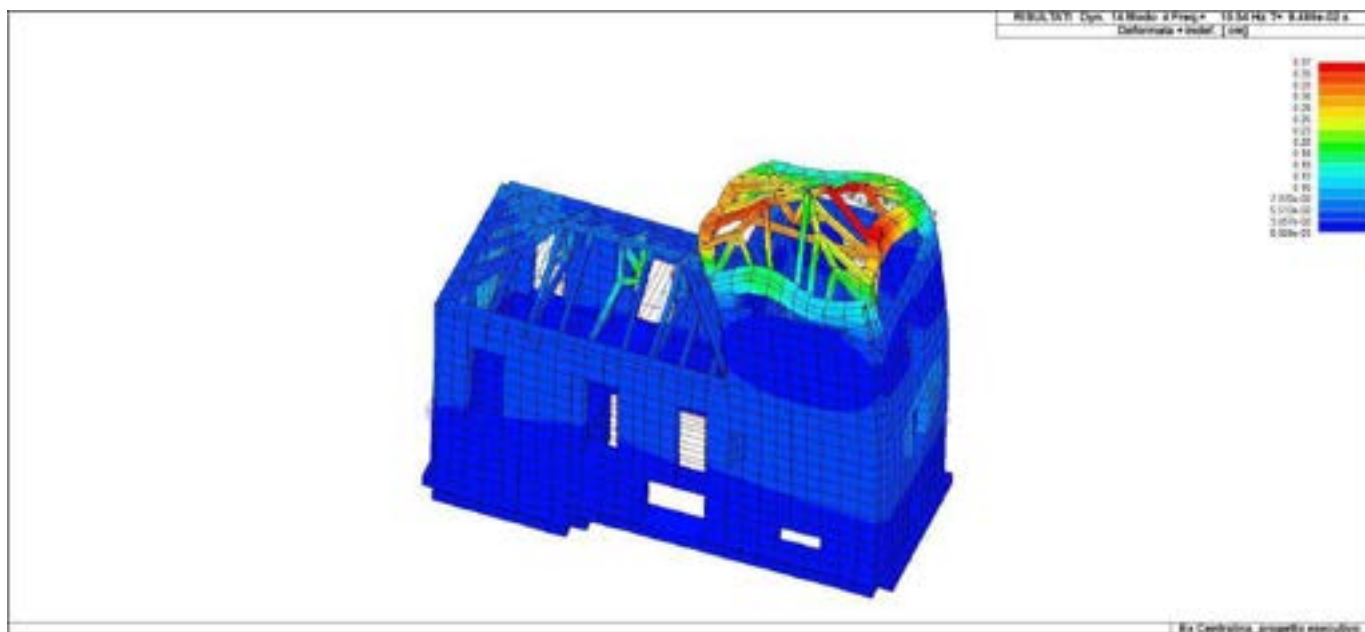


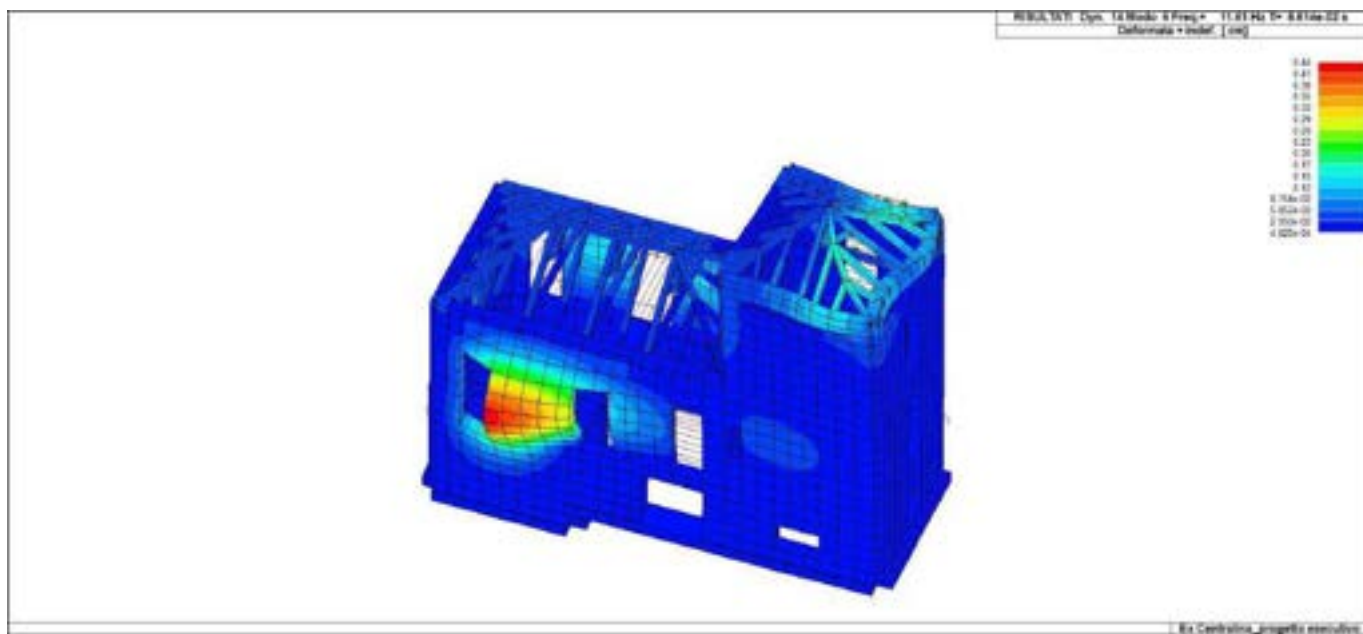


24_INPSIS_002_FORME MODALI



24_INPSIS_003_FORME MODALI





24_INPSIS_006_FORME MODALI

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente

10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione q/q_{ND} delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
Fattore di sito S		Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD		Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore di riduzione SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	proprio	Periodo proprio di vibrazione della struttura
Coefficiente Lambda		Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	spettro	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
N° di modi considerati	modi	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore q_{ND} ricavato come da 7.3.2 in funzione del fattore di comportamento q utilizzato per la struttura: $1 < q_{ND} = 2/3 \cdot q < 1.5$

Il coefficiente di amplificazione delle azioni sismiche rispetto alle azioni calcolate con il fattore di comportamento globale viene indicato nelle relative tabelle.

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

- a) analisi sismica statica equivalente:
 - quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - azione sismica complessiva
- b) analisi sismica dinamica con spettro di risposta:
 - quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/L_s (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
 - frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
 - massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione ϵ_{dT} (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità $1000 \cdot \epsilon_{dT}/h$ da confrontare direttamente con i valori forniti nella norma (es. 5 per tamponature fragili, 7.5 per tamponature duttili, 10.0 per edifici con tamponamenti collegati elasticamente, 2 per edifici in muratura ordinaria, 3 per edifici in muratura armata, 2.5 per edifici in muratura confinata).

Note:

- I valori riportati sono già amplificati per un eventuale fattore q_{SLD}
- Per SLO i valori devono essere inferiori ai $2/3$ dei limiti sopra citati

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE , area ridotta e dimensione A_2 , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

In particolare la tabella, per ogni combinazione di calcolo, riporta:

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta A_r (per dispositivi circolari)
V	Azione verticale agente
A_r	Area ridotta efficace
Dim A_2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elastomero
V_{cr}	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

- 1) $V > 0$
- 2) $\text{Sig } s < f_{yk}$
- 3) $\text{Gam } t < 5$
- 4) $\text{Gam } s < \text{Gam}^*$ (caratteristica dell' elastomero)
- 5) $\text{Gam } s < 2$
- 6) $V < 0.5 V_{cr}$

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

Caratteristiche costruzione	
Tipologia	Esistente
Regolarità pianta	SI
Regolarità altezza	NO
Classe di duttilità	progettazione con metodo con fattore q
Sistema costruttivo	Muratura
Tipo di muratura	Muratura in blocchi artificiali con percentuale di foratura > 15% (elementi semipieni, forati...)

I valori dei fattori nelle direzioni x e y sono stati impostati manualmente dal progettista.

Fattori di comportamento		
	Dissipativi	Verifiche fragili
q SLU x	1.356	1.500
q SLU y	1.356	1.500
q SLU z	1.500	

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.059 g
			angolo di ingresso: 0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.190 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.535
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	0.0	-7.98	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	0.0	-15.97	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	0.0	-10.00	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	-10.16	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	-10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	-20.31	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	-20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	-27.75	2.091e+04	1.077e+04	0.509	0.045	0.431

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
9.50	4.722e+04	2.093e+04	1.064e+04	0.0	-27.75	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.898	0.257	0.059	30.27	1.25e-02	1.720e+05	70.8	44.30	1.82e-02	0.0	0.0
2	5.255	0.190	0.059	1.741e+05	71.7	397.72	0.2	565.88	0.2	0.0	0.0
3	6.965	0.144	0.059	2645.88	1.1	3.213e+04	13.2	119.43	4.92e-02	0.0	0.0
4	10.444	0.096	0.059	3.035e+04	12.5	555.65	0.2	272.63	0.1	0.0	0.0
5	10.921	0.092	0.058	1571.07	0.6	1.362e+04	5.6	124.99	5.15e-02	0.0	0.0
6	11.618	0.086	0.057	42.28	1.74e-02	212.58	8.75e-02	334.61	0.1	0.0	0.0
7	12.635	0.079	0.055	538.34	0.2	0.12	4.74e-05	1489.46	0.6	0.0	0.0
8	12.830	0.078	0.054	138.25	5.69e-02	3.74	1.54e-03	15.37	6.33e-03	0.0	0.0
9	13.041	0.077	0.054	6773.93	2.8	496.83	0.2	1.180e+05	48.6	0.0	0.0
Risulta				2.162e+05		2.194e+05		1.210e+05			
In percentuale				88.99		90.32		49.81			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.059 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.188 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.541
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	0.0	7.98	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	0.0	15.97	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	0.0	10.00	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	10.16	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	20.31	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	0.0	27.75	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.895	0.257	0.059	830.77	0.3	1.714e+05	70.6	36.55	1.50e-02	0.0	0.0
2	5.311	0.188	0.059	1.774e+05	73.0	407.05	0.2	648.93	0.3	0.0	0.0
3	6.930	0.144	0.059	145.95	6.01e-02	3.271e+04	13.5	22.38	9.21e-03	0.0	0.0
4	10.591	0.094	0.059	2.990e+04	12.3	260.92	0.1	229.80	9.46e-02	0.0	0.0
5	10.914	0.092	0.058	1164.28	0.5	1.382e+04	5.7	11.07	4.56e-03	0.0	0.0
6	11.606	0.086	0.057	0.35	1.42e-04	165.13	6.80e-02	270.04	0.1	0.0	0.0
7	12.538	0.080	0.055	13.77	5.67e-03	0.61	2.51e-04	555.56	0.2	0.0	0.0
8	12.716	0.079	0.055	125.30	5.16e-02	7.86	3.24e-03	8.69e-04	0.0	0.0	0.0
9	13.033	0.077	0.054	7564.88	3.1	628.35	0.3	1.153e+05	47.5	0.0	0.0
Risulta				2.171e+05		2.194e+05		1.171e+05			
In percentuale				89.39		90.33		48.19			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.059 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.252 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.404
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	20.18	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
332.38	1.567e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	73.30	0.0	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.970	0.252	0.059	411.49	0.2	1.732e+05	71.3	42.37	1.74e-02	0.0	0.0
2	5.291	0.189	0.059	1.759e+05	72.4	3.87	1.59e-03	617.87	0.3	0.0	0.0
3	6.656	0.150	0.059	1309.02	0.5	3.228e+04	13.3	44.75	1.84e-02	0.0	0.0
4	10.544	0.095	0.059	3.028e+04	12.5	180.00	7.41e-02	246.69	0.1	0.0	0.0
5	10.839	0.092	0.059	1214.93	0.5	6495.83	2.7	126.51	5.21e-02	0.0	0.0
6	11.205	0.089	0.058	33.80	1.39e-02	5262.96	2.2	35.01	1.44e-02	0.0	0.0
7	12.514	0.080	0.055	267.84	0.1	86.37	3.56e-02	1468.61	0.6	0.0	0.0
8	12.778	0.078	0.054	219.91	9.05e-02	450.79	0.2	2529.39	1.0	0.0	0.0
9	12.850	0.078	0.054	246.94	0.1	18.74	7.71e-03	373.41	0.2	0.0	0.0
Risulta				2.099e+05		2.180e+05		5484.60			
In percentuale				86.41		89.75		2.26			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.059 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.262 s
			fattore q: 1.356
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.389
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	-7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	-8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	-15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	-20.18	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
492.58	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	-73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	-73.30	0.0	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.818	0.262	0.059	214.70	8.84e-02	1.720e+05	70.8	38.00	1.56e-02	0.0	0.0
2	5.290	0.189	0.059	1.766e+05	72.7	2.78	1.15e-03	609.73	0.3	0.0	0.0
3	7.279	0.137	0.059	895.97	0.4	3.180e+04	13.1	87.22	3.59e-02	0.0	0.0
4	10.518	0.095	0.059	2.633e+04	10.8	2199.98	0.9	206.44	8.50e-02	0.0	0.0
5	10.793	0.093	0.059	5301.30	2.2	1.372e+04	5.6	73.91	3.04e-02	0.0	0.0
6	12.152	0.082	0.056	86.72	3.57e-02	161.46	6.65e-02	1283.33	0.5	0.0	0.0
7	12.748	0.078	0.055	0.04	1.69e-05	78.08	3.21e-02	17.22	7.09e-03	0.0	0.0
8	12.848	0.078	0.054	119.69	4.93e-02	4.39	1.81e-03	9.08	3.74e-03	0.0	0.0
9	13.061	0.077	0.054	7433.93	3.1	342.53	0.1	1.331e+05	54.8	0.0	0.0
Risulta				2.169e+05		2.203e+05		1.354e+05			
In percentuale				89.31		90.71		55.74			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.190 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	0.0	-7.98	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	0.0	-15.97	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	-25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	0.0	-10.00	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	-10.16	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	-10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	-20.31	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	-20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	-25.55	2.044e+04	1.064e+04	2.878	0.043	0.043

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
440.00	3.413e+04	2.086e+04	1.063e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	-27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	-27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	-27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	0.0	-27.75	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.898	0.257	0.075	30.27	1.25e-02	1.720e+05	70.8	44.30	1.82e-02	0.0	0.0
2	5.255	0.190	0.075	1.741e+05	71.7	397.72	0.2	565.88	0.2	0.0	0.0
3	6.965	0.144	0.075	2645.88	1.1	3.213e+04	13.2	119.43	4.92e-02	0.0	0.0
4	10.444	0.096	0.075	3.035e+04	12.5	555.65	0.2	272.63	0.1	0.0	0.0
5	10.921	0.092	0.075	1571.07	0.6	1.362e+04	5.6	124.99	5.15e-02	0.0	0.0
6	11.618	0.086	0.072	42.28	1.74e-02	212.58	8.75e-02	334.61	0.1	0.0	0.0
7	12.635	0.079	0.069	538.34	0.2	0.12	4.74e-05	1489.46	0.6	0.0	0.0
8	12.830	0.078	0.068	138.25	5.69e-02	3.74	1.54e-03	15.37	6.33e-03	0.0	0.0
9	13.041	0.077	0.067	6773.93	2.8	496.83	0.2	1.180e+05	48.6	0.0	0.0
Risulta				2.162e+05		2.194e+05		1.210e+05			
In percentuale				88.99		90.32		49.81			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.188 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	0.0	7.98	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	0.0	15.97	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	0.0	25.55	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	0.0	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	0.0	10.00	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	10.16	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	10.21	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	20.31	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	20.42	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	0.0	25.55	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.055	0.425

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
386.19	1.756e+04	2.090e+04	1.062e+04	0.0	27.75	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	0.0	27.75	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	0.0	27.75	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	0.0	27.75	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.895	0.257	0.075	830.77	0.3	1.714e+05	70.6	36.55	1.50e-02	0.0	0.0
2	5.311	0.188	0.075	1.774e+05	73.0	407.05	0.2	648.93	0.3	0.0	0.0
3	6.930	0.144	0.075	145.95	6.01e-02	3.271e+04	13.5	22.38	9.21e-03	0.0	0.0
4	10.591	0.094	0.075	2.990e+04	12.3	260.92	0.1	229.80	9.46e-02	0.0	0.0
5	10.914	0.092	0.075	1164.28	0.5	1.382e+04	5.7	11.07	4.56e-03	0.0	0.0
6	11.606	0.086	0.072	0.35	1.42e-04	165.13	6.80e-02	270.04	0.1	0.0	0.0
7	12.538	0.080	0.069	13.77	5.67e-03	0.61	2.51e-04	555.56	0.2	0.0	0.0
8	12.716	0.079	0.068	125.30	5.16e-02	7.86	3.24e-03	8.69e-04	0.0	0.0	0.0
9	13.033	0.077	0.067	7564.88	3.1	628.35	0.3	1.153e+05	47.5	0.0	0.0
Risulta				2.171e+05		2.194e+05		1.171e+05			
In percentuale				89.39		90.33		48.19			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.252 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	20.18	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
332.38	1.567e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453
278.56	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	73.30	0.0	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.970	0.252	0.075	411.49	0.2	1.732e+05	71.3	42.37	1.74e-02	0.0	0.0
2	5.291	0.189	0.075	1.759e+05	72.4	3.87	1.59e-03	617.87	0.3	0.0	0.0
3	6.656	0.150	0.075	1309.02	0.5	3.228e+04	13.3	44.75	1.84e-02	0.0	0.0
4	10.544	0.095	0.075	3.028e+04	12.5	180.00	7.41e-02	246.69	0.1	0.0	0.0
5	10.839	0.092	0.075	1214.93	0.5	6495.83	2.7	126.51	5.21e-02	0.0	0.0
6	11.205	0.089	0.074	33.80	1.39e-02	5262.96	2.2	35.01	1.44e-02	0.0	0.0
7	12.514	0.080	0.069	267.84	0.1	86.37	3.56e-02	1468.61	0.6	0.0	0.0
8	12.778	0.078	0.068	219.91	9.05e-02	450.79	0.2	2529.39	1.0	0.0	0.0
9	12.850	0.078	0.068	246.94	0.1	18.74	7.71e-03	373.41	0.2	0.0	0.0
Risulta				2.099e+05		2.180e+05		5484.60			
In percentuale				86.41		89.75		2.26			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.075 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.262 s
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1085.50	234.23	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.26	547.68	2.044e+04	1.064e+04	-7.80	0.0	0.0	0.0	0.0	0.0	0.0
1026.99	177.49	2.044e+04	1.064e+04	-8.11	0.0	0.0	0.0	0.0	0.0	0.0
973.01	365.93	2.044e+04	1.064e+04	-15.59	0.0	0.0	0.0	0.0	0.0	0.0
945.50	25.17	2.044e+04	1.064e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.50	7620.30	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	4.2267e-04	1.0189e-04
855.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.954	0.015	0.017
805.50	2532.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.889	0.003	0.002
755.50	8689.73	2.044e+04	1.064e+04	-24.95	0.0	2.044e+04	1.064e+04	2.877	0.0	0.0
702.92	7185.83	2.044e+04	1.065e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.018	0.017
657.00	1039.23	2.116e+04	1.062e+04	-20.18	0.0	2.116e+04	1.062e+04	2.000	0.001	0.0
650.33	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
597.75	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
578.77	744.42	2.117e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
577.58	355.35	2.086e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.15	363.61	2.147e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.17	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
507.00	80.88	2.116e+04	1.062e+04	-20.18	0.0	0.0	0.0	0.0	0.0	0.0
498.16	177.97	2.076e+04	1.062e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.31	179.48	2.158e+04	1.061e+04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.58	6723.94	2.045e+04	1.066e+04	-24.95	0.0	2.044e+04	1.064e+04	2.878	0.043	0.043
440.00	3.413e+04	2.086e+04	1.063e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.055	0.425
386.19	1.756e+04	2.090e+04	1.062e+04	-73.30	0.0	2.091e+04	1.076e+04	0.473	0.016	0.433
332.38	1.567e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.027	0.453

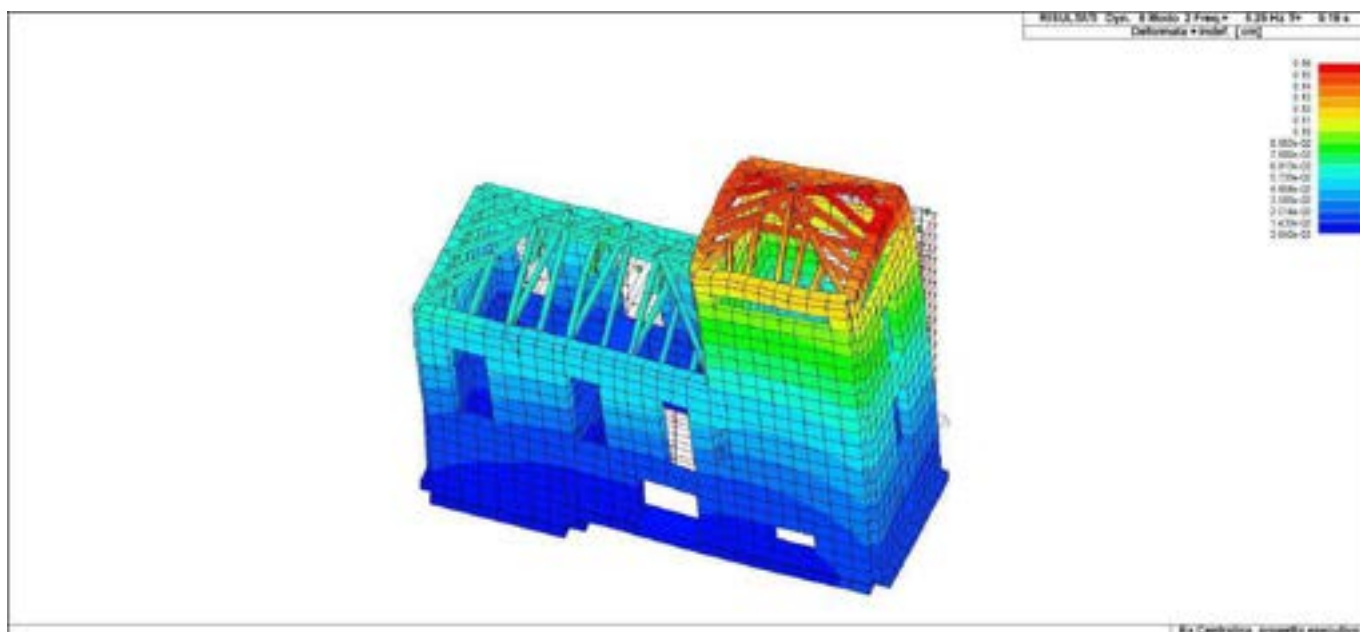
Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
278.56	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.034	0.434
224.75	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
170.94	1.359e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.511	0.031	0.440
117.12	1.369e+04	2.089e+04	1.063e+04	-73.30	0.0	2.092e+04	1.077e+04	0.507	0.033	0.438
63.31	1.404e+04	2.087e+04	1.064e+04	-73.30	0.0	2.091e+04	1.077e+04	0.509	0.045	0.431
9.50	4.722e+04	2.093e+04	1.064e+04	-73.30	0.0	2.090e+04	1.076e+04	0.470	0.027	0.369
Risulta	2.429e+05									

Modo	Frequenza	Periodo	Acc. Spetttrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.818	0.262	0.075	214.70	8.84e-02	1.720e+05	70.8	38.00	1.56e-02	0.0	0.0
2	5.290	0.189	0.075	1.766e+05	72.7	2.78	1.15e-03	609.73	0.3	0.0	0.0
3	7.279	0.137	0.075	895.97	0.4	3.180e+04	13.1	87.22	3.59e-02	0.0	0.0
4	10.518	0.095	0.075	2.633e+04	10.8	2199.98	0.9	206.44	8.50e-02	0.0	0.0
5	10.793	0.093	0.075	5301.30	2.2	1.372e+04	5.6	73.91	3.04e-02	0.0	0.0
6	12.152	0.082	0.070	86.72	3.57e-02	161.46	6.65e-02	1283.33	0.5	0.0	0.0
7	12.748	0.078	0.068	0.04	1.69e-05	78.08	3.21e-02	17.22	7.09e-03	0.0	0.0
8	12.848	0.078	0.068	119.69	4.93e-02	4.39	1.81e-03	9.08	3.74e-03	0.0	0.0
9	13.061	0.077	0.067	7433.93	3.1	342.53	0.1	1.331e+05	54.8	0.0	0.0
Risulta				2.169e+05		2.203e+05		1.354e+05			
In percentuale				89.31		90.71		55.74			

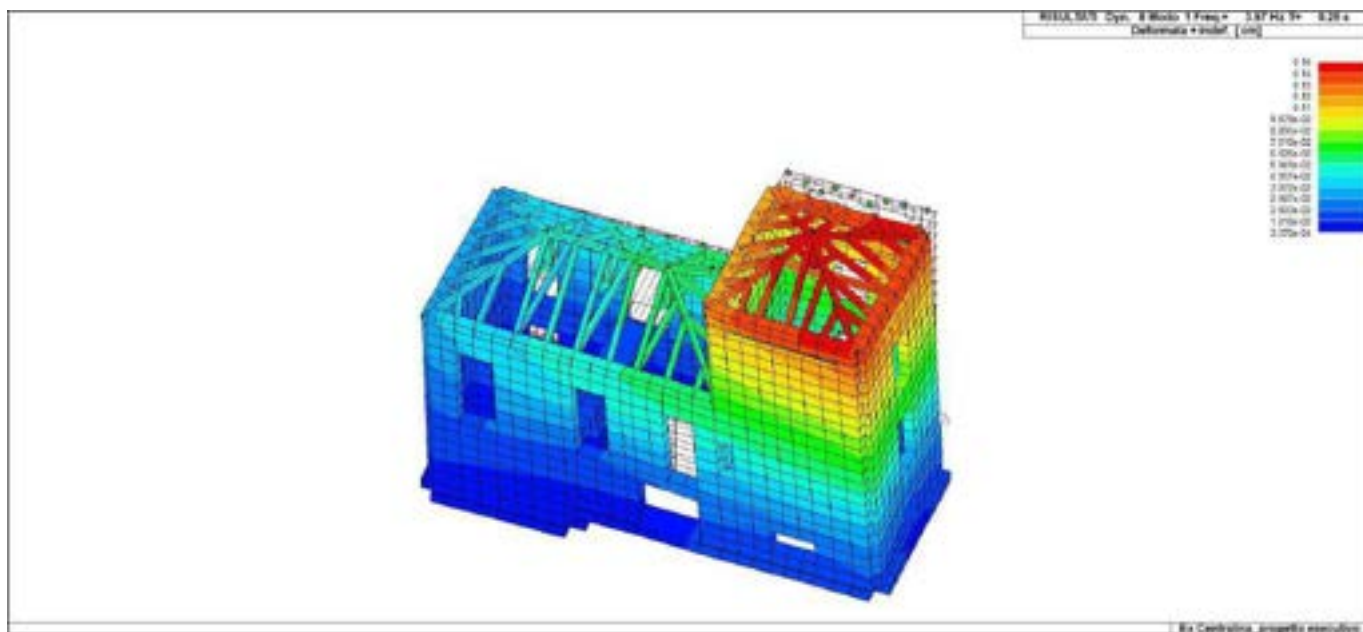
Cmb	Pilas. 1000 etaT/h			etaT	inter. h	Pilas. 1000 etaT/h			etaT	inter. h	Pilas. 1000 etaT/h			etaT	inter. h
			cm	cm				cm	cm				cm	cm	
47	115	0.18	0.03	150.0	116	0.32	0.05	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
48	115	0.15	0.02	150.0	116	0.30	0.04	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
49	115	0.08	0.01	150.0	116	0.34	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.81e-03		140.0											
50	115	0.08	0.01	150.0	116	0.35	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.97e-03		140.0											
51	115	0.18	0.03	150.0	116	0.31	0.05	150.0	117	0.21	0.03	150.0			
	245	0.09	0.01	140.0											
52	115	0.16	0.02	150.0	116	0.30	0.05	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
53	115	0.08	0.01	150.0	116	0.34	0.05	150.0	117	0.26	0.04	150.0			
	245	0.069.05e-03		140.0											
54	115	0.08	0.01	150.0	116	0.35	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.77e-03		140.0											
55	115	0.19	0.03	150.0	116	0.32	0.05	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
56	115	0.17	0.02	150.0	116	0.30	0.04	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
57	115	0.07	0.01	150.0	116	0.34	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.16e-03		140.0											
58	115	0.07	0.01	150.0	116	0.35	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.63e-03		140.0											
59	115	0.19	0.03	150.0	116	0.32	0.05	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
60	115	0.17	0.03	150.0	116	0.30	0.05	150.0	117	0.20	0.03	150.0			
	245	0.09	0.01	140.0											
61	115	0.07	0.01	150.0	116	0.34	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.39e-03		140.0											
62	115	0.068.88e-03		150.0	116	0.35	0.05	150.0	117	0.26	0.04	150.0			
	245	0.068.46e-03		140.0											
63	115	0.16	0.02	150.0	116	0.19	0.03	150.0	117	0.22	0.03	150.0			
	245	0.08	0.01	140.0											
64	115	0.15	0.02	150.0	116	0.27	0.04	150.0	117	0.22	0.03	150.0			
	245	0.09	0.01	140.0											
65	115	0.08	0.01	150.0	116	0.37	0.06	150.0	117	0.24	0.04	150.0			
	245	0.07	0.01	140.0											
66	115	0.08	0.01	150.0	116	0.38	0.06	150.0	117	0.24	0.04	150.0			
	245	0.08	0.01	140.0											
67	115	0.16	0.02	150.0	116	0.19	0.03	150.0	117	0.22	0.03	150.0			
	245	0.08	0.01	140.0											

68	115	0.15	0.02	150.0	116	0.27	0.04	150.0	117	0.22	0.03	150.0
	245	0.09	0.01	140.0								
69	115	0.08	0.01	150.0	116	0.37	0.06	150.0	117	0.24	0.04	150.0
	245	0.07	0.01	140.0								
70	115	0.07	0.01	150.0	116	0.38	0.06	150.0	117	0.24	0.04	150.0
	245	0.08	0.01	140.0								
71	115	0.17	0.03	150.0	116	0.20	0.03	150.0	117	0.23	0.03	150.0
	245	0.08	0.01	140.0								
72	115	0.14	0.02	150.0	116	0.25	0.04	150.0	117	0.22	0.03	150.0
	245	0.09	0.01	140.0								
73	115	0.09	0.01	150.0	116	0.37	0.06	150.0	117	0.24	0.04	150.0
	245	0.08	0.01	140.0								
74	115	0.07	0.01	150.0	116	0.38	0.06	150.0	117	0.24	0.04	150.0
	245	0.08	0.01	140.0								
75	115	0.17	0.03	150.0	116	0.20	0.03	150.0	117	0.23	0.03	150.0
	245	0.09	0.01	140.0								
76	115	0.14	0.02	150.0	116	0.25	0.04	150.0	117	0.22	0.03	150.0
	245	0.09	0.01	140.0								
77	115	0.09	0.01	150.0	116	0.37	0.06	150.0	117	0.24	0.04	150.0
	245	0.08	0.01	140.0								
78	115	0.07	0.01	150.0	116	0.38	0.06	150.0	117	0.24	0.04	150.0
	245	0.08	0.01	140.0								

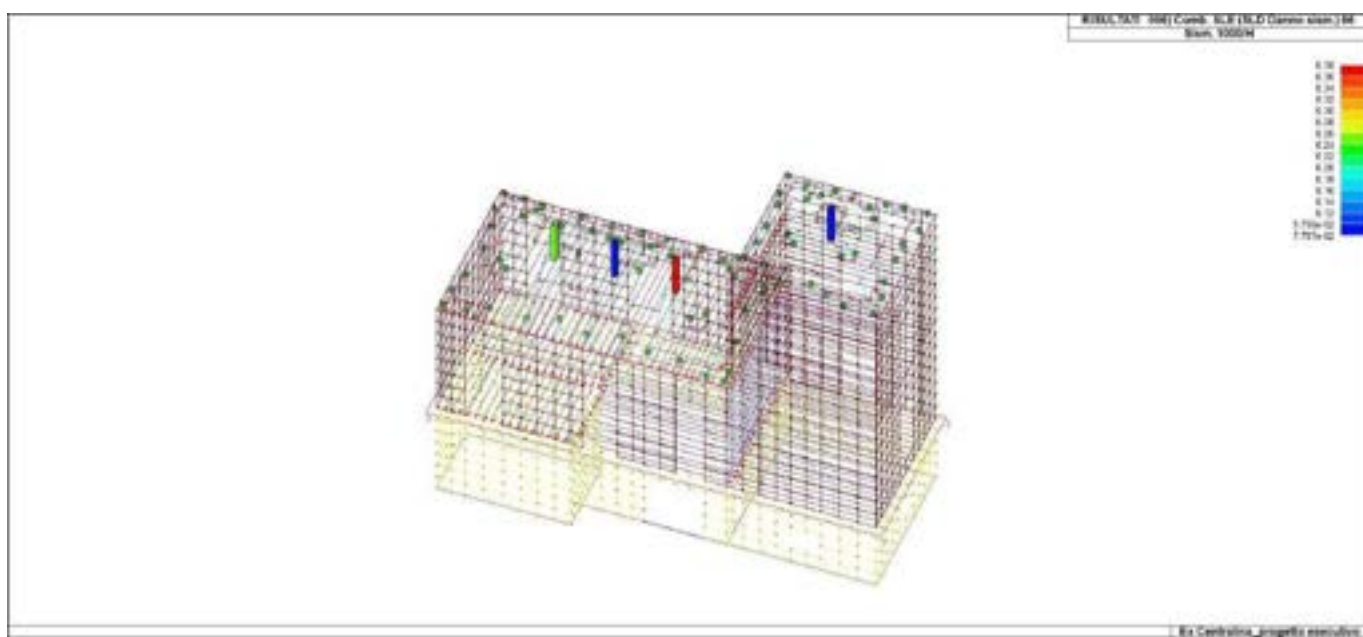
Cmb 1000 etaT/h
0.38



31_RIS_MODOX_002_CDCEd dinamico SLU alfa00 ecc +



31_RIS_MODALY_001_CDCEd dinamico SLU alfa9000 ecc +



31_RIS_SLE_066_Comb SLE SLD Danno sism 66

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.

Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (esprese nel riferimento globale della struttura) per ogni palo componente l'opera.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (<i>PALO</i>) 4) plinto su palo 5) plinto su due pali (<i>PL.2P</i>) 6) plinto su tre pali (<i>PL.3P</i>) 7) plinto su quattro pali (<i>PL.4P</i>) 8) plinto rettangolare su cinque pali (<i>PL.5P.R</i>) 9) plinto pentagonale su cinque pali (<i>PL.5P</i>) 10) plinto su sei pali (<i>PL.6P</i>)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione F_z (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O Wink V	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.

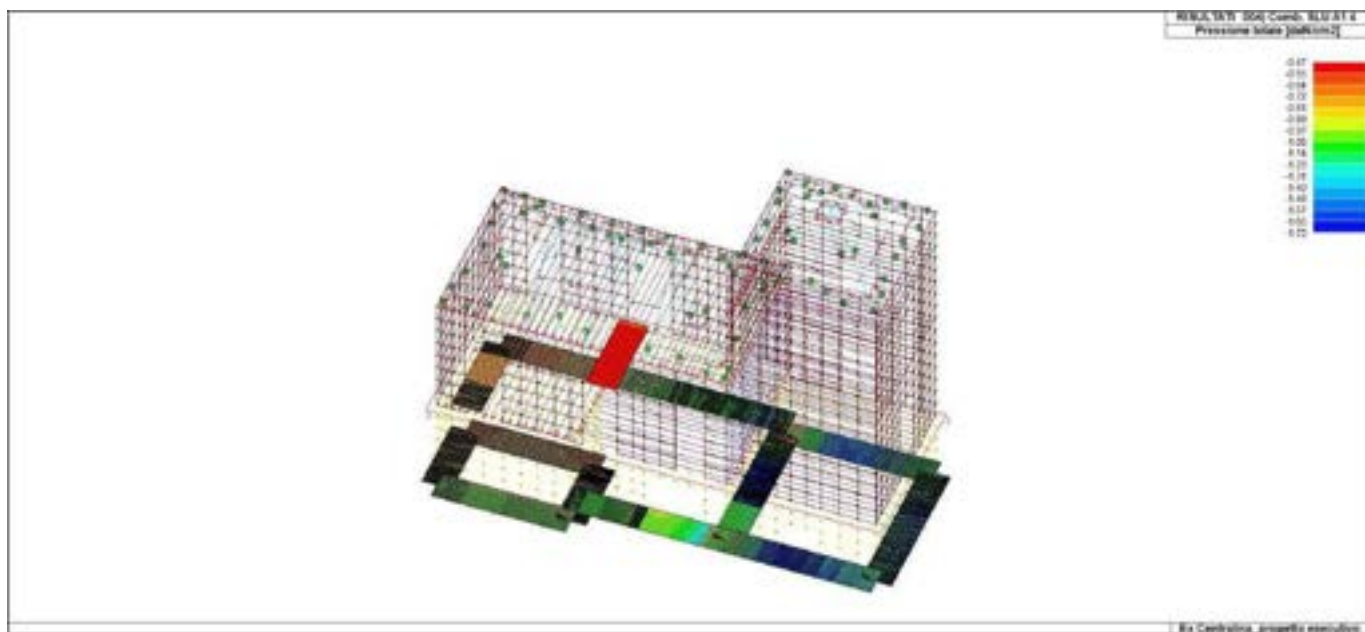
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.

Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

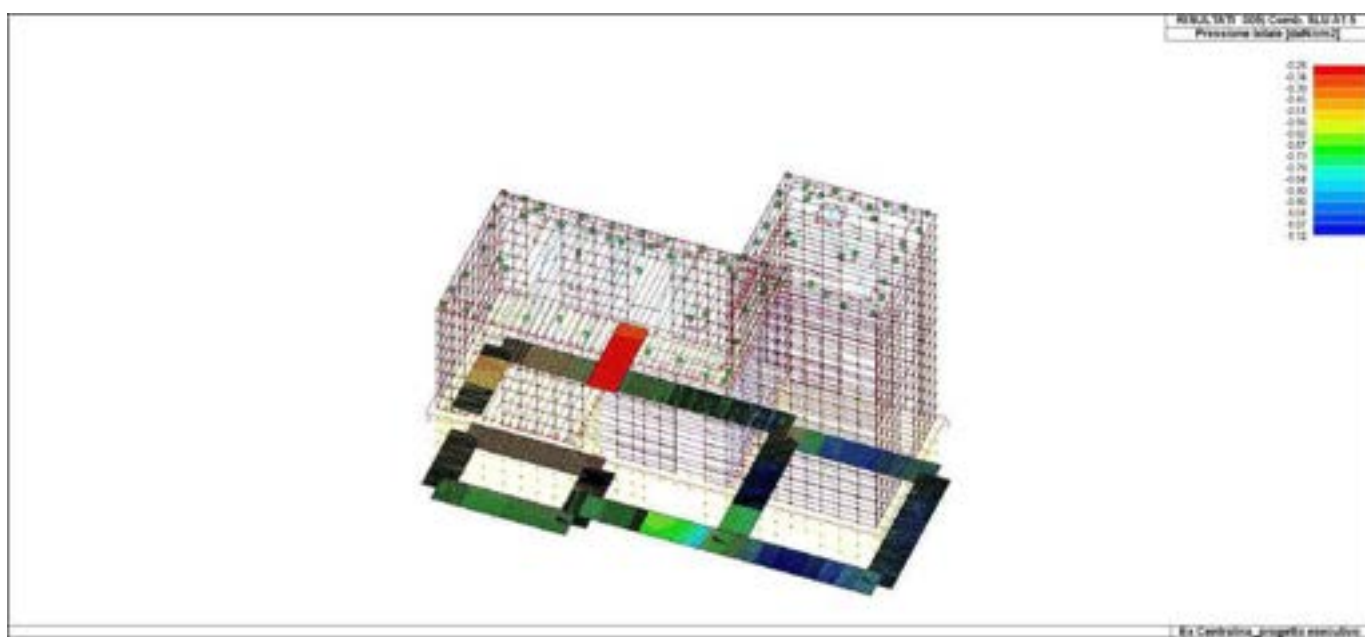
Elem.	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2	Cmb	Pt ini daN/cm2	Pt fin daN/cm2	Pt max daN/cm2
94	4	-1.31	-1.23	-1.31	43	-1.04	-0.97	-1.04	75	-1.08	-1.00	-1.08
	82	-0.98	-0.92	-0.98	87	-0.92	-0.87	-0.92	92	-0.90	-0.85	-0.90
95	4	-1.40	-1.31	-1.40	43	-1.13	-1.04	-1.13	75	-1.17	-1.08	-1.17
	82	-1.05	-0.98	-1.05	87	-0.99	-0.92	-0.99	92	-0.97	-0.90	-0.97
96	4	-1.48	-1.38	-1.48	43	-1.19	-1.10	-1.19	75	-1.23	-1.14	-1.23
	82	-1.11	-1.03	-1.11	87	-1.04	-0.97	-1.04	92	-1.02	-0.95	-1.02
97	4	-1.11	-1.05	-1.11	43	-0.89	-0.84	-0.89	75	-0.93	-0.88	-0.93
	82	-0.83	-0.79	-0.83	87	-0.78	-0.74	-0.78	92	-0.76	-0.72	-0.76
98	4	-0.89	-0.89	-0.89	43	-0.71	-0.69	-0.71	75	-0.73	-0.71	-0.73
	82	-0.67	-0.67	-0.67	87	-0.63	-0.63	-0.63	92	-0.61	-0.61	-0.61
99	4	-0.57	-0.51	-0.57	35	-0.42	-0.35	-0.42	67	-0.42	-0.35	-0.42
	82	-0.42	-0.37	-0.42	87	-0.40	-0.34	-0.40	92	-0.39	-0.33	-0.39
144	4	-1.34	-1.25	-1.34	43	-1.09	-1.02	-1.09	75	-1.13	-1.05	-1.13
	82	-1.01	-0.94	-1.01	87	-0.96	-0.89	-0.96	92	-0.95	-0.88	-0.95
145	4	-1.43	-1.31	-1.43	43	-1.16	-1.07	-1.16	75	-1.20	-1.11	-1.20
	82	-1.07	-0.99	-1.07	87	-1.02	-0.94	-1.02	92	-1.01	-0.92	-1.01
146	4	-1.56	-1.42	-1.56	43	-1.27	-1.16	-1.27	75	-1.32	-1.20	-1.32
	82	-1.17	-1.07	-1.17	87	-1.12	-1.02	-1.12	92	-1.10	-1.00	-1.10
147	4	-1.60	-1.50	-1.60	43	-1.30	-1.22	-1.30	75	-1.35	-1.27	-1.35
	82	-1.20	-1.13	-1.20	87	-1.15	-1.08	-1.15	92	-1.13	-1.06	-1.13
148	4	-1.66	-1.61	-1.66	43	-1.35	-1.30	-1.35	75	-1.39	-1.35	-1.39
	82	-1.25	-1.21	-1.25	87	-1.19	-1.15	-1.19	92	-1.17	-1.13	-1.17
149	4	-1.65	-1.65	-1.65	43	-1.33	-1.33	-1.33	75	-1.38	-1.38	-1.38
	82	-1.24	-1.24	-1.24	87	-1.18	-1.18	-1.18	92	-1.16	-1.16	-1.16
150	4	-1.55	-1.57	-1.57	43	-1.25	-1.27	-1.27	75	-1.30	-1.31	-1.31
	82	-1.17	-1.18	-1.18	87	-1.11	-1.12	-1.12	92	-1.09	-1.10	-1.10
151	4	-1.31	-1.30	-1.31	43	-1.05	-1.04	-1.05	75	-1.09	-1.08	-1.09
	82	-0.98	-0.97	-0.98	87	-0.93	-0.92	-0.93	92	-0.91	-0.90	-0.91
152	4	-1.02	-0.98	-1.02	43	-0.82	-0.79	-0.82	75	-0.85	-0.82	-0.85
	82	-0.77	-0.73	-0.77	87	-0.73	-0.69	-0.73	92	-0.71	-0.68	-0.71
153	4	-0.87	-0.90	-0.90	43	-0.67	-0.71	-0.71	75	-0.69	-0.73	-0.73
	82	-0.65	-0.67	-0.67	87	-0.62	-0.64	-0.64	92	-0.60	-0.62	-0.62
154	4	-1.22	-1.20	-1.22	39	-0.89	-0.93	-0.93	71	-0.90	-0.96	-0.96
	82	-0.91	-0.90	-0.91	87	-0.85	-0.85	-0.85	92	-0.83	-0.83	-0.83
155	4	-1.68	-1.64	-1.68	39	-1.20	-1.19	-1.20	71	-1.21	-1.21	-1.21
	82	-1.26	-1.22	-1.26	87	-1.17	-1.14	-1.17	92	-1.14	-1.12	-1.14
156	4	-1.71	-1.68	-1.71	39	-1.20	-1.20	-1.20	71	-1.21	-1.21	-1.21
	82	-1.28	-1.26	-1.28	87	-1.19	-1.17	-1.19	92	-1.16	-1.14	-1.16
157	4	-1.73	-1.71	-1.73	27	-1.20	-1.20	-1.20	59	-1.21	-1.21	-1.21
	82	-1.29	-1.28	-1.29	87	-1.21	-1.19	-1.21	92	-1.18	-1.16	-1.18
158	4	-1.72	-1.72	-1.73	43	-1.21	-1.18	-1.21	75	-1.22	-1.18	-1.22
	82	-1.29	-1.29	-1.29	87	-1.20	-1.20	-1.20	92	-1.17	-1.17	-1.17
159	4	-1.49	-1.51	-1.51	43	-1.08	-1.06	-1.08	75	-1.10	-1.07	-1.10
	82	-1.12	-1.13	-1.13	87	-1.04	-1.05	-1.05	92	-1.02	-1.03	-1.03
160	4	-1.19	-1.21	-1.21	43	-0.89	-0.88	-0.89	75	-0.91	-0.89	-0.91
	82	-0.89	-0.91	-0.91	87	-0.83	-0.85	-0.85	92	-0.81	-0.83	-0.83
161	4	-0.88	-0.91	-0.91	43	-0.68	-0.68	-0.68	75	-0.70	-0.69	-0.70
	82	-0.66	-0.68	-0.68	87	-0.62	-0.64	-0.64	92	-0.61	-0.62	-0.62
162	4	-0.93	-0.93	-0.93	43	-0.73	-0.72	-0.73	75	-0.75	-0.75	-0.75
	82	-0.69	-0.69	-0.70	87	-0.65	-0.65	-0.65	92	-0.64	-0.63	-0.64
163	4	-1.19	-1.23	-1.23	43	-0.94	-0.97	-0.97	75	-0.98	-1.00	-1.00
	82	-0.89	-0.92	-0.92	87	-0.84	-0.87	-0.87	92	-0.82	-0.85	-0.85
164	4	-1.44	-1.49	-1.49	39	-1.15	-1.18	-1.18	71	-1.19	-1.23	-1.23
	82	-1.08	-1.12	-1.12	87	-1.02	-1.05	-1.05	92	-1.00	-1.03	-1.03
165	4	-1.51	-1.52	-1.52	39	-1.22	-1.22	-1.22	71	-1.27	-1.27	-1.27
	82	-1.13	-1.14	-1.14	87	-1.07	-1.08	-1.08	92	-1.05	-1.06	-1.06
166	4	-1.53	-1.47	-1.53	43	-1.26	-1.19	-1.26	75	-1.30	-1.24	-1.30
	82	-1.15	-1.10	-1.15	87	-1.09	-1.05	-1.09	92	-1.07	-1.03	-1.07
167	4	-1.43	-1.35	-1.43	43	-1.18	-1.11	-1.18	75	-1.23	-1.16	-1.23
	82	-1.07	-1.02	-1.07	87	-1.02	-0.97	-1.02	92	-1.01	-0.95	-1.01
168	4	-1.34	-1.27	-1.34	43	-1.12	-1.05	-1.12	75	-1.17	-1.09	-1.17
	82	-1.01	-0.95	-1.01	87	-0.97	-0.91	-0.97	92	-0.95	-0.89	-0.95
169	4	-1.24	-1.16	-1.24	43	-1.03	-0.97	-1.03	75	-1.08	-1.01	-1.08
	82	-0.93	-0.88	-0.93	87	-0.89	-0.84	-0.89	92	-0.88	-0.82	-0.88
170	4	-1.25	-1.18	-1.25	43	-1.04	-0.99	-1.04	75	-1.09	-1.03	-1.09
	82	-0.94	-0.89	-0.94	87	-0.90	-0.85	-0.90	92	-0.88	-0.84	-0.88
171	4	-1.30	-1.29	-1.30	43	-1.06	-1.03	-1.06	75	-1.10	-1.06	-1.10
	82	-0.98	-0.97	-0.98	87	-0.94	-0.93	-0.94	92	-0.92	-0.91	-0.92
172	4	-1.29	-1.27	-1.29	43	-1.03	-0.99	-1.03	75	-1.06	-1.01	-1.06
	82	-0.97	-0.96	-0.97	87	-0.93	-0.91	-0.93	92	-0.91	-0.90	-0.91
173	4	-1.40	-1.38	-1.40	27	-1.10	-1.08	-1.10	59	-1.13	-1.10	-1.13
	82	-1.06	-1.04	-1.06	87	-1.01	-0.99	-1.01	92	-0.99	-0.98	-0.99
174	4	-1.47	-1.45	-1.47	27	-1.15	-1.13	-1.15	59	-1.18	-1.15	-1.18
	82	-1.11	-1.09	-1.11	87	-1.06	-1.04	-1.06	92	-1.04	-1.02	-1.04
175	4	-1.48	-1.48	-1.48	23	-1.14	-1.14	-1.14	55	-1.17	-1.17	-1.17

	82	-1.11	-1.12	-1.12	87	-1.06	-1.06	-1.06	92	-1.04	-1.05	-1.05
176	4	-1.40	-1.45	-1.45	27	-1.08	-1.13	-1.13	59	-1.11	-1.15	-1.15
	82	-1.06	-1.09	-1.09	87	-1.01	-1.04	-1.04	92	-0.99	-1.03	-1.03
177	4	-1.38	-1.44	-1.44	27	-1.07	-1.12	-1.12	59	-1.09	-1.15	-1.15
	82	-1.04	-1.08	-1.08	87	-0.99	-1.03	-1.03	92	-0.97	-1.01	-1.01
178	4	-1.36	-1.42	-1.42	27	-1.06	-1.11	-1.11	59	-1.08	-1.14	-1.14
	82	-1.02	-1.07	-1.07	87	-0.97	-1.02	-1.02	92	-0.96	-1.00	-1.00
179	4	-1.30	-1.36	-1.36	27	-1.02	-1.07	-1.07	59	-1.05	-1.10	-1.10
	82	-0.98	-1.02	-1.02	87	-0.94	-0.97	-0.97	92	-0.92	-0.96	-0.96
180	4	-1.37	-1.41	-1.41	43	-1.07	-1.13	-1.13	75	-1.10	-1.16	-1.16
	82	-1.03	-1.07	-1.07	87	-0.98	-1.01	-1.01	92	-0.96	-1.00	-1.00
181	4	-1.10	-0.95	-1.10	43	-0.89	-0.77	-0.89	75	-0.92	-0.80	-0.92
	82	-0.83	-0.71	-0.83	87	-0.78	-0.67	-0.78	92	-0.76	-0.66	-0.76
182	4	-1.37	-1.03	-1.37	43	-1.11	-0.80	-1.11	75	-1.15	-0.82	-1.15
	82	-1.03	-0.77	-1.03	87	-0.97	-0.73	-0.97	92	-0.95	-0.72	-0.95
183	4	-1.03	-1.06	-1.06	35	-0.80	-0.82	-0.82	67	-0.82	-0.84	-0.84
	82	-0.77	-0.80	-0.80	87	-0.73	-0.76	-0.76	92	-0.72	-0.74	-0.74
184	4	-1.06	-1.09	-1.09	35	-0.82	-0.84	-0.84	67	-0.84	-0.86	-0.86
	82	-0.80	-0.82	-0.82	87	-0.76	-0.78	-0.78	92	-0.74	-0.77	-0.77
185	4	-1.09	-1.12	-1.12	35	-0.84	-0.86	-0.86	67	-0.86	-0.88	-0.88
	82	-0.82	-0.84	-0.84	87	-0.78	-0.80	-0.80	92	-0.77	-0.79	-0.79
186	4	-1.12	-1.15	-1.15	35	-0.86	-0.88	-0.88	67	-0.88	-0.90	-0.90
	82	-0.84	-0.87	-0.87	87	-0.80	-0.82	-0.82	92	-0.79	-0.81	-0.81
187	4	-1.15	-1.17	-1.17	31	-0.88	-0.89	-0.89	63	-0.90	-0.91	-0.91
	82	-0.87	-0.88	-0.88	87	-0.82	-0.83	-0.83	92	-0.81	-0.82	-0.82
188	4	-0.95	-0.98	-0.98	35	-0.70	-0.74	-0.74	67	-0.71	-0.75	-0.75
	82	-0.71	-0.74	-0.74	87	-0.68	-0.70	-0.70	92	-0.66	-0.69	-0.69
189	4	-0.91	-0.95	-0.95	35	-0.67	-0.70	-0.70	67	-0.68	-0.71	-0.71
	82	-0.69	-0.71	-0.71	87	-0.65	-0.68	-0.68	92	-0.64	-0.66	-0.66
190	4	-0.87	-0.91	-0.91	35	-0.62	-0.67	-0.67	67	-0.63	-0.68	-0.68
	82	-0.65	-0.69	-0.69	87	-0.61	-0.65	-0.65	92	-0.60	-0.64	-0.64
191	4	-0.83	-0.87	-0.87	23	-0.60	-0.63	-0.63	55	-0.61	-0.63	-0.63
	82	-0.62	-0.65	-0.65	87	-0.59	-0.61	-0.61	92	-0.57	-0.60	-0.60
192	4	-0.81	-0.83	-0.83	19	-0.59	-0.60	-0.60	51	-0.60	-0.61	-0.61
	82	-0.61	-0.62	-0.62	87	-0.57	-0.59	-0.59	92	-0.56	-0.57	-0.57
193	4	-0.80	-0.81	-0.81	15	-0.58	-0.59	-0.59	47	-0.59	-0.60	-0.60
	82	-0.60	-0.61	-0.61	87	-0.56	-0.57	-0.57	92	-0.54	-0.56	-0.56
194	4	-0.81	-0.82	-0.82	31	-0.60	-0.60	-0.60	63	-0.61	-0.61	-0.61
	82	-0.61	-0.61	-0.61	87	-0.57	-0.57	-0.57	92	-0.55	-0.56	-0.56
195	4	-0.82	-0.83	-0.83	31	-0.60	-0.60	-0.60	63	-0.61	-0.61	-0.61
	82	-0.61	-0.62	-0.62	87	-0.57	-0.58	-0.58	92	-0.56	-0.57	-0.57
196	4	-0.83	-0.83	-0.83	31	-0.60	-0.60	-0.60	63	-0.61	-0.61	-0.61
	82	-0.62	-0.62	-0.62	87	-0.58	-0.59	-0.59	92	-0.57	-0.57	-0.57
197	4	-0.83	-0.84	-0.84	31	-0.60	-0.61	-0.61	63	-0.61	-0.61	-0.61
	82	-0.62	-0.63	-0.63	87	-0.59	-0.59	-0.59	92	-0.57	-0.58	-0.58
198	4	-0.84	-0.84	-0.84	31	-0.61	-0.61	-0.61	63	-0.61	-0.62	-0.62
	82	-0.63	-0.63	-0.63	87	-0.59	-0.60	-0.60	92	-0.58	-0.58	-0.58
199	4	-0.84	-0.84	-0.84	15	-0.61	-0.62	-0.62	47	-0.62	-0.63	-0.63
	82	-0.63	-0.63	-0.63	87	-0.60	-0.60	-0.60	92	-0.58	-0.58	-0.59
200	4	-0.84	-0.83	-0.84	15	-0.62	-0.62	-0.62	47	-0.63	-0.63	-0.63
	82	-0.63	-0.62	-0.63	87	-0.60	-0.59	-0.60	92	-0.58	-0.58	-0.58
201	4	-0.83	-0.81	-0.83	15	-0.62	-0.62	-0.62	47	-0.63	-0.63	-0.63
	82	-0.62	-0.61	-0.62	87	-0.59	-0.58	-0.59	92	-0.58	-0.57	-0.58
202	4	-0.81	-0.79	-0.81	15	-0.62	-0.61	-0.62	47	-0.63	-0.63	-0.63
	82	-0.61	-0.59	-0.61	87	-0.58	-0.57	-0.58	92	-0.57	-0.56	-0.57
203	4	-0.87	-0.95	-0.95	27	-0.68	-0.73	-0.73	59	-0.70	-0.75	-0.75
	82	-0.66	-0.72	-0.72	87	-0.63	-0.68	-0.68	92	-0.62	-0.67	-0.67
204	4	-0.80	-0.87	-0.87	23	-0.63	-0.68	-0.68	55	-0.65	-0.70	-0.70
	82	-0.60	-0.66	-0.66	87	-0.57	-0.63	-0.63	92	-0.57	-0.62	-0.62
205	4	-1.02	-1.03	-1.03	31	-0.77	-0.79	-0.79	63	-0.79	-0.81	-0.81
	82	-0.77	-0.78	-0.78	87	-0.73	-0.74	-0.74	92	-0.72	-0.73	-0.73
206	4	-1.03	-1.04	-1.04	31	-0.79	-0.81	-0.81	63	-0.81	-0.83	-0.83
	82	-0.78	-0.78	-0.78	87	-0.74	-0.74	-0.74	92	-0.73	-0.73	-0.73
207	4	-1.04	-1.04	-1.04	31	-0.81	-0.82	-0.82	63	-0.83	-0.84	-0.84
	82	-0.78	-0.79	-0.79	87	-0.74	-0.75	-0.75	92	-0.73	-0.74	-0.74
208	4	-1.04	-1.05	-1.05	31	-0.82	-0.83	-0.83	63	-0.84	-0.86	-0.86
	82	-0.79	-0.79	-0.79	87	-0.75	-0.75	-0.75	92	-0.74	-0.74	-0.74
209	4	-1.05	-1.05	-1.05	31	-0.83	-0.85	-0.85	63	-0.86	-0.88	-0.88
	82	-0.79	-0.79	-0.79	87	-0.75	-0.76	-0.76	92	-0.74	-0.75	-0.75
210	4	-1.05	-1.05	-1.05	31	-0.85	-0.87	-0.87	63	-0.88	-0.90	-0.90
	82	-0.79	-0.80	-0.80	87	-0.76	-0.76	-0.76	92	-0.75	-0.75	-0.75
211	4	-1.05	-1.06	-1.06	31	-0.87	-0.88	-0.88	63	-0.90	-0.91	-0.91
	82	-0.80	-0.80	-0.80	87	-0.76	-0.76	-0.76	92	-0.75	-0.75	-0.75
212	4	-1.06	-1.06	-1.06	31	-0.88	-0.89	-0.89	63	-0.91	-0.93	-0.93
	82	-0.80	-0.80	-0.80	87	-0.76	-0.77	-0.77	92	-0.75	-0.76	-0.76
213	4	-0.95	-1.00	-1.00	31	-0.78	-0.83	-0.83	63	-0.80	-0.87	-0.87
	82	-0.72	-0.76	-0.76	87	-0.69	-0.72	-0.72	92	-0.68	-0.71	-0.71

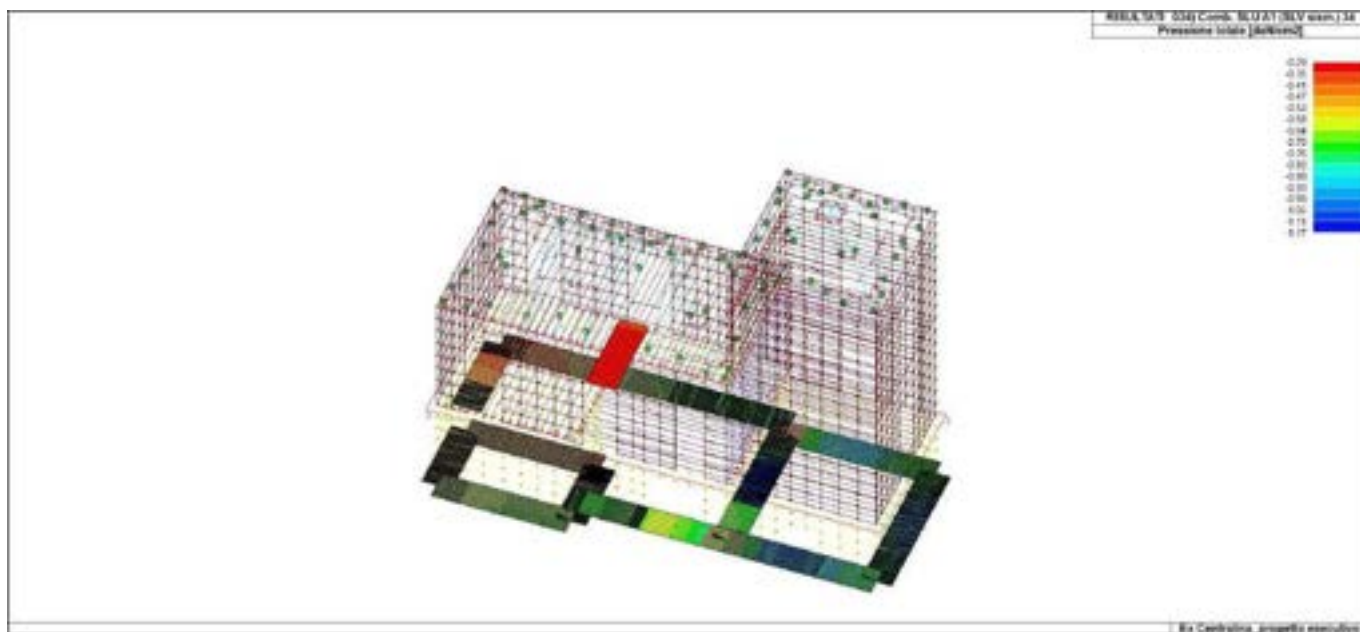
214	4	-0.90	-0.95	-0.95	31	-0.72	-0.78	-0.78	63	-0.74	-0.80	-0.80
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215	4	-0.84	-0.90	-0.90	15	-0.67	-0.73	-0.73	47	-0.69	-0.75	-0.75
	82	-0.64	-0.68	-0.68	87	-0.61	-0.65	-0.65	92	-0.60	-0.64	-0.64
216	4	-0.81	-0.84	-0.84	15	-0.63	-0.67	-0.67	47	-0.65	-0.69	-0.69
	82	-0.61	-0.64	-0.64	87	-0.58	-0.61	-0.61	92	-0.57	-0.60	-0.60
217	4	-0.79	-0.81	-0.81	15	-0.61	-0.63	-0.63	47	-0.62	-0.65	-0.65
	82	-0.60	-0.61	-0.61	87	-0.57	-0.58	-0.58	92	-0.56	-0.57	-0.57
218	4	-0.74	-0.80	-0.80	23	-0.60	-0.63	-0.63	55	-0.62	-0.65	-0.65
	82	-0.56	-0.60	-0.60	87	-0.53	-0.57	-0.57	92	-0.53	-0.57	-0.57
219	4	-0.76	-0.74	-0.76	35	-0.64	-0.61	-0.64	67	-0.67	-0.63	-0.67
	82	-0.57	-0.56	-0.57	87	-0.55	-0.53	-0.55	92	-0.54	-0.53	-0.54
220	4	-0.77	-0.77	-0.77	35	-0.65	-0.66	-0.66	67	-0.68	-0.69	-0.69
	82	-0.58	-0.58	-0.58	87	-0.56	-0.56	-0.56	92	-0.55	-0.55	-0.55
221	4	-0.77	-0.77	-0.77	35	-0.64	-0.65	-0.65	67	-0.67	-0.68	-0.68
	82	-0.58	-0.58	-0.58	87	-0.56	-0.56	-0.56	92	-0.55	-0.55	-0.55
222	4	-0.78	-0.77	-0.78	35	-0.64	-0.64	-0.64	67	-0.66	-0.67	-0.67
	82	-0.59	-0.58	-0.59	87	-0.56	-0.56	-0.56	92	-0.55	-0.55	-0.55
223	4	-0.81	-0.78	-0.81	35	-0.65	-0.64	-0.65	67	-0.67	-0.66	-0.67
	82	-0.61	-0.59	-0.61	87	-0.58	-0.56	-0.58	92	-0.57	-0.55	-0.57
224	4	-0.86	-0.81	-0.86	35	-0.67	-0.65	-0.67	67	-0.69	-0.67	-0.69
	82	-0.64	-0.61	-0.64	87	-0.61	-0.58	-0.61	92	-0.60	-0.57	-0.60
225	4	-0.90	-0.86	-0.90	35	-0.70	-0.67	-0.70	67	-0.72	-0.69	-0.72
	82	-0.67	-0.64	-0.67	87	-0.64	-0.61	-0.64	92	-0.62	-0.60	-0.62
226	4	-0.93	-0.90	-0.93	35	-0.72	-0.70	-0.72	67	-0.74	-0.72	-0.74
	82	-0.70	-0.67	-0.70	87	-0.66	-0.64	-0.66	92	-0.65	-0.62	-0.65
227	4	-0.95	-0.93	-0.95	35	-0.74	-0.72	-0.74	67	-0.76	-0.74	-0.76
	82	-0.72	-0.70	-0.72	87	-0.68	-0.66	-0.68	92	-0.67	-0.65	-0.67
228	4	-0.98	-0.95	-0.98	35	-0.76	-0.74	-0.76	67	-0.78	-0.76	-0.78
	82	-0.74	-0.72	-0.74	87	-0.69	-0.68	-0.69	92	-0.68	-0.67	-0.68
229	4	-1.00	-0.98	-1.00	35	-0.78	-0.76	-0.78	67	-0.80	-0.78	-0.80
	82	-0.75	-0.74	-0.75	87	-0.71	-0.69	-0.71	92	-0.70	-0.68	-0.70
230	4	-1.03	-1.00	-1.03	35	-0.80	-0.78	-0.80	67	-0.82	-0.80	-0.82
	82	-0.77	-0.75	-0.77	87	-0.73	-0.71	-0.73	92	-0.72	-0.70	-0.72
231	4	-1.05	-1.03	-1.05	35	-0.81	-0.80	-0.81	67	-0.84	-0.82	-0.84
	82	-0.79	-0.77	-0.79	87	-0.75	-0.73	-0.75	92	-0.73	-0.72	-0.73
232	4	-1.07	-1.05	-1.07	35	-0.83	-0.81	-0.83	67	-0.86	-0.84	-0.86
	82	-0.81	-0.79	-0.81	87	-0.76	-0.75	-0.76	92	-0.75	-0.73	-0.75
233	4	-1.10	-1.07	-1.10	35	-0.86	-0.83	-0.86	67	-0.88	-0.86	-0.88
	82	-0.83	-0.81	-0.83	87	-0.78	-0.76	-0.78	92	-0.77	-0.75	-0.77
234	4	-1.13	-1.10	-1.13	31	-0.88	-0.86	-0.88	63	-0.91	-0.88	-0.91
	82	-0.85	-0.83	-0.85	87	-0.80	-0.78	-0.80	92	-0.78	-0.77	-0.78
235	4	-1.17	-1.13	-1.17	43	-0.92	-0.88	-0.92	75	-0.95	-0.91	-0.95
	82	-0.88	-0.85	-0.88	87	-0.83	-0.80	-0.83	92	-0.81	-0.78	-0.81
267	4	-1.23	-1.17	-1.23	43	-0.97	-0.92	-0.97	75	-1.00	-0.95	-1.00
	82	-0.92	-0.88	-0.92	87	-0.87	-0.83	-0.87	92	-0.85	-0.81	-0.85
Elem.		Pt ini -1.73 -0.33	Pt fin	Pt max		Pt ini	Pt fin	Pt max		Pt ini	Pt fin	Pt max



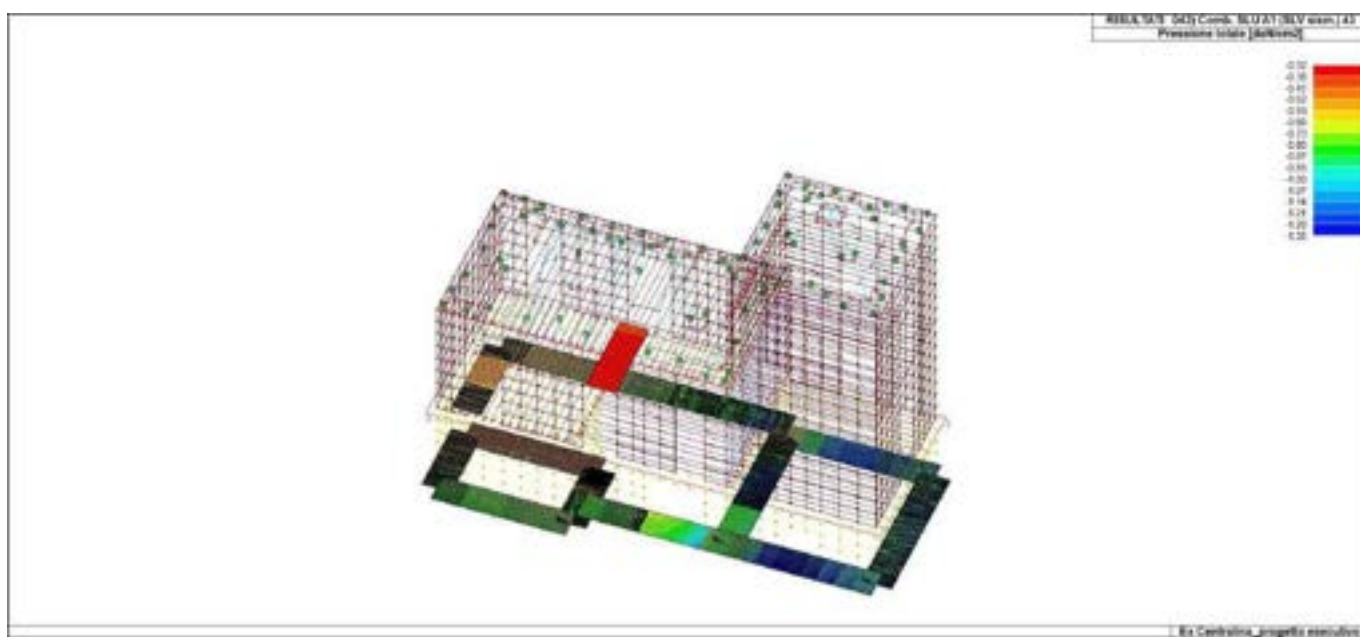
46_RIS_PRESSIONI_004_Comb SLU A1 4



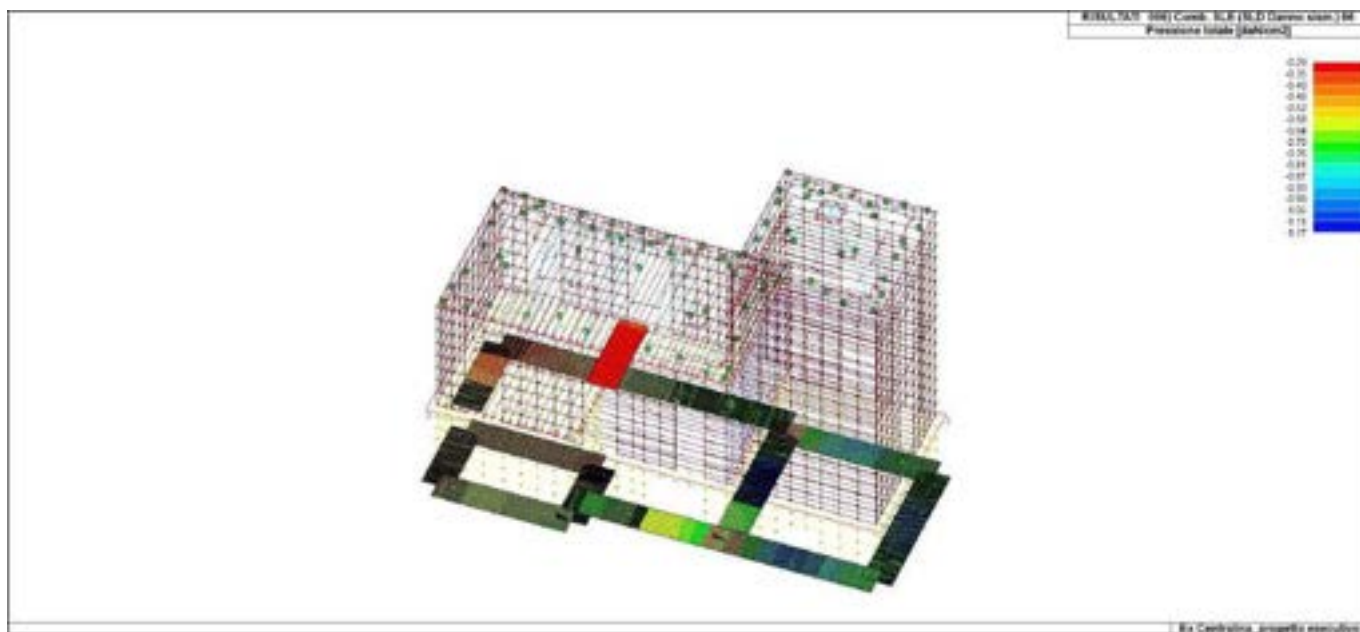
46_RIS_PRESSIONI_005_Comb SLU A1 5



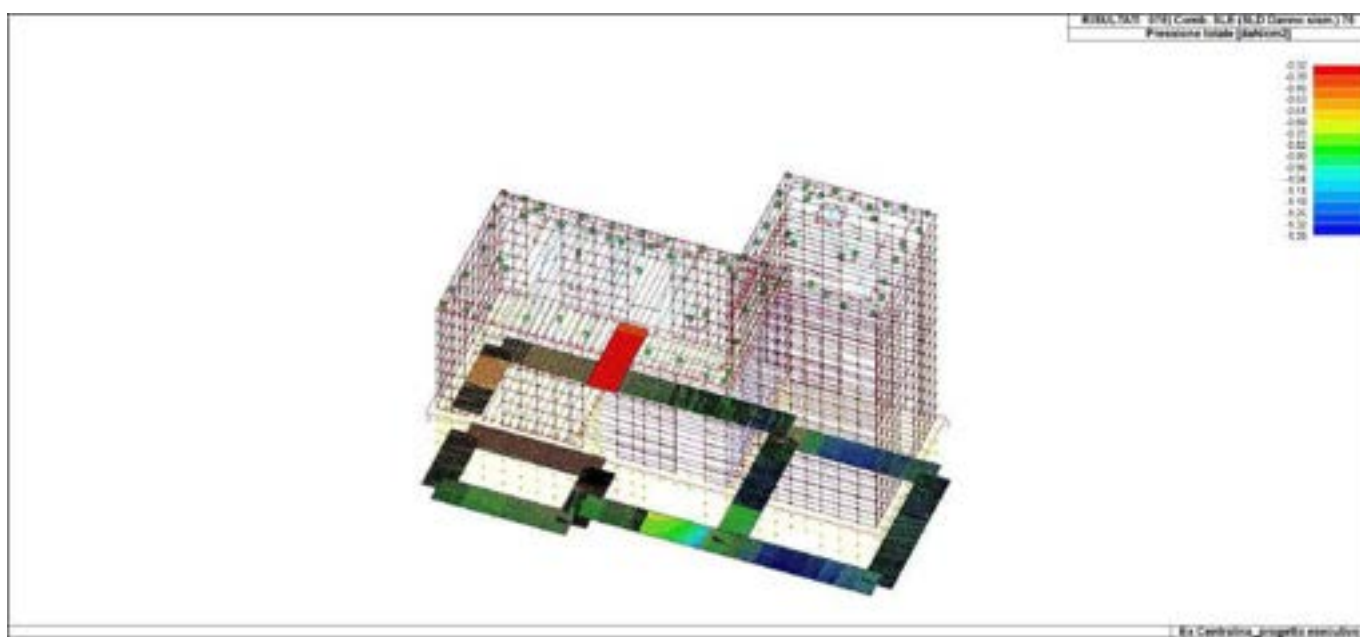
46_RIS_PRESSIONI_034_Comb SLU A1 SLV sism 34



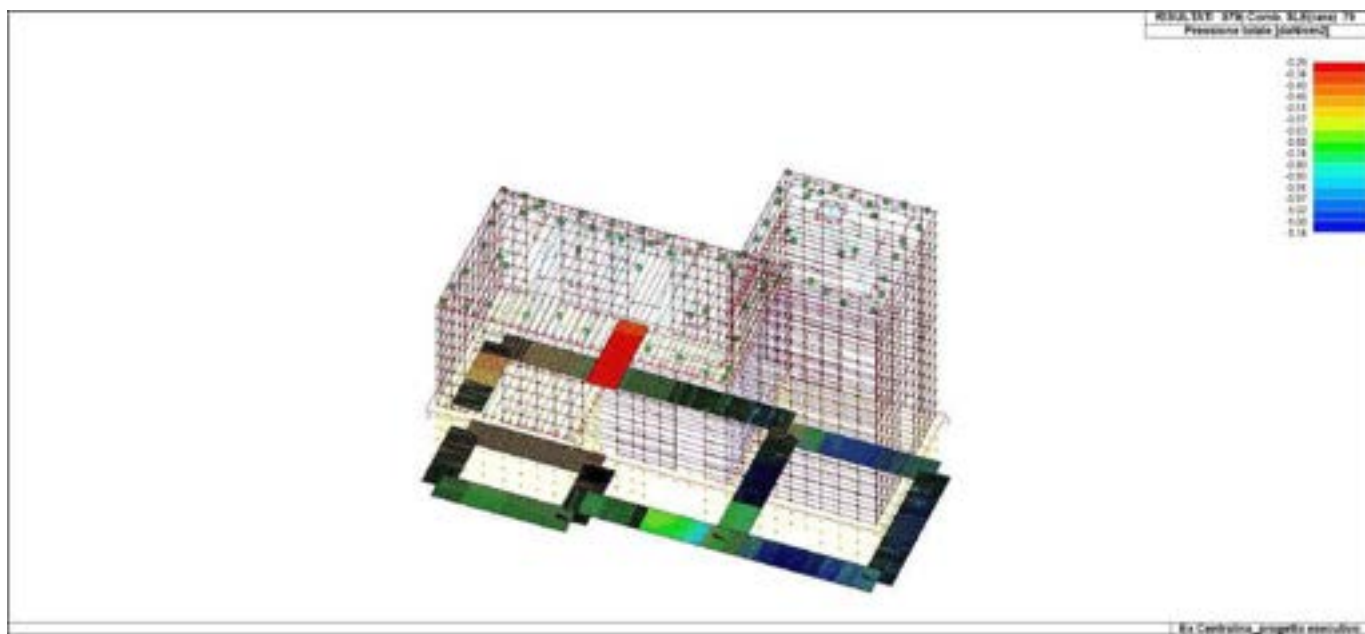
46_RIS_PRESSIONI_043_Comb SLU A1 SLV sism 43



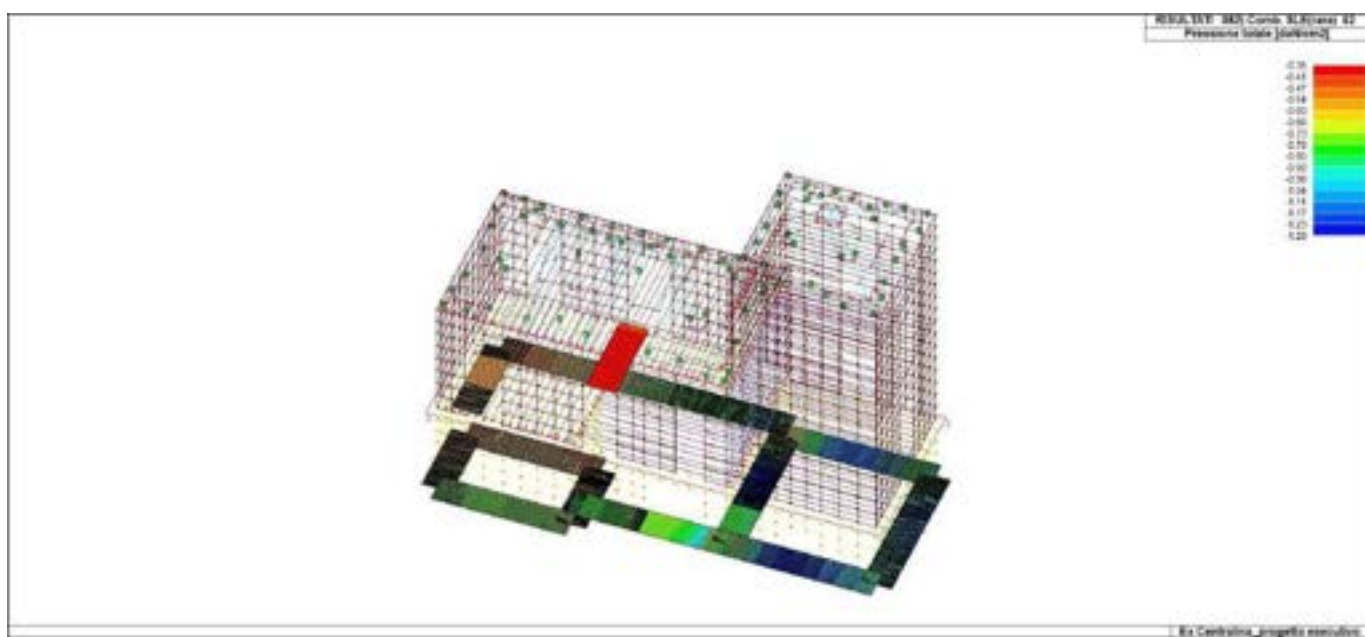
46_RIS_PRESSIONI_066_Comb SLE SLD Danno sism 66



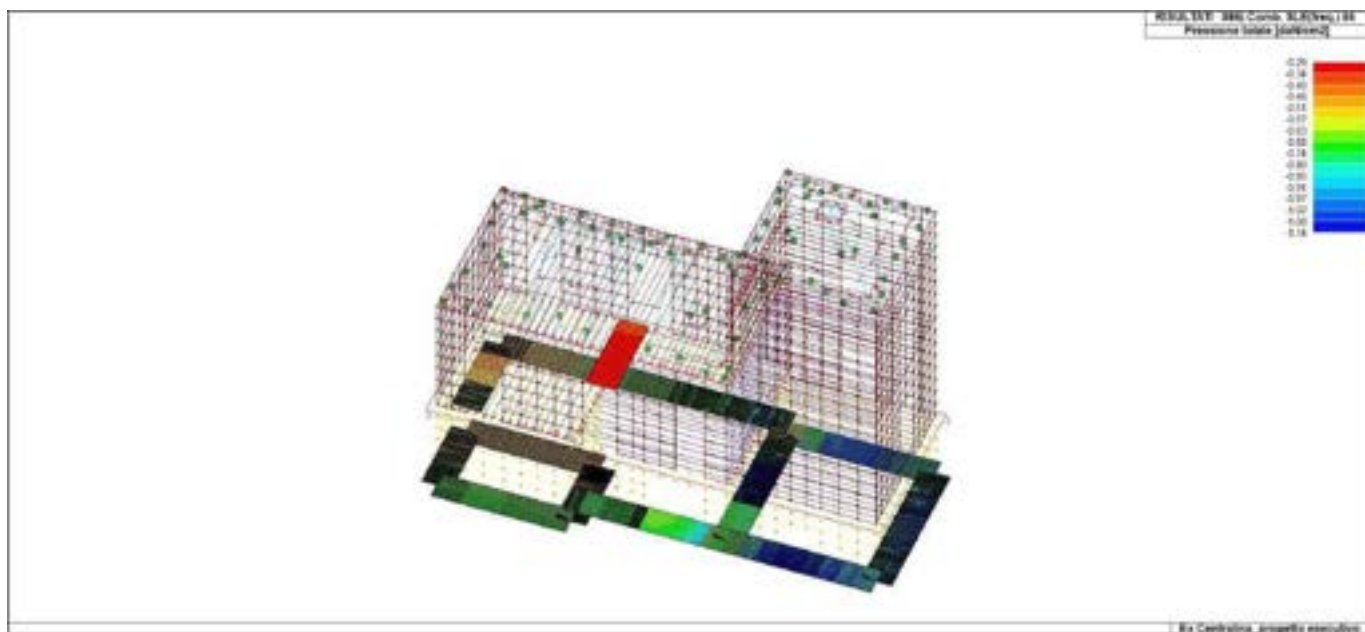
46_RIS_PRESSIONI_075_Comb SLE SLD Danno sism 75



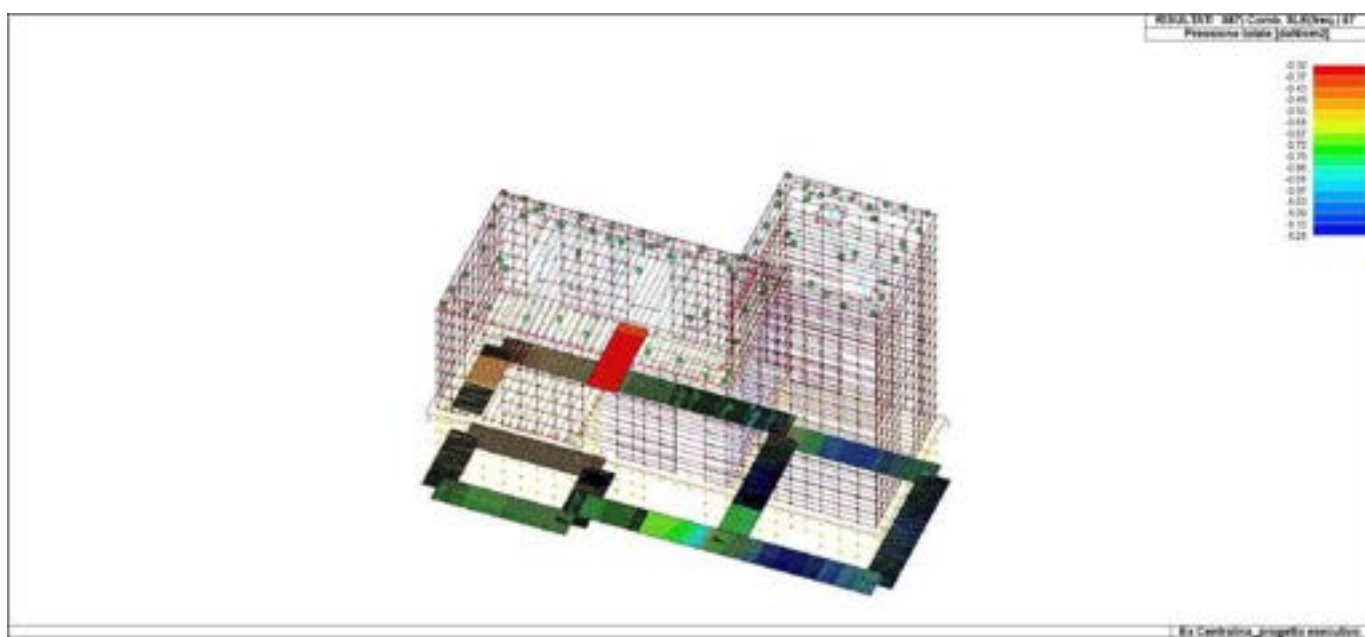
46_RIS_PRESSIONI_079_Comb SLerara 79



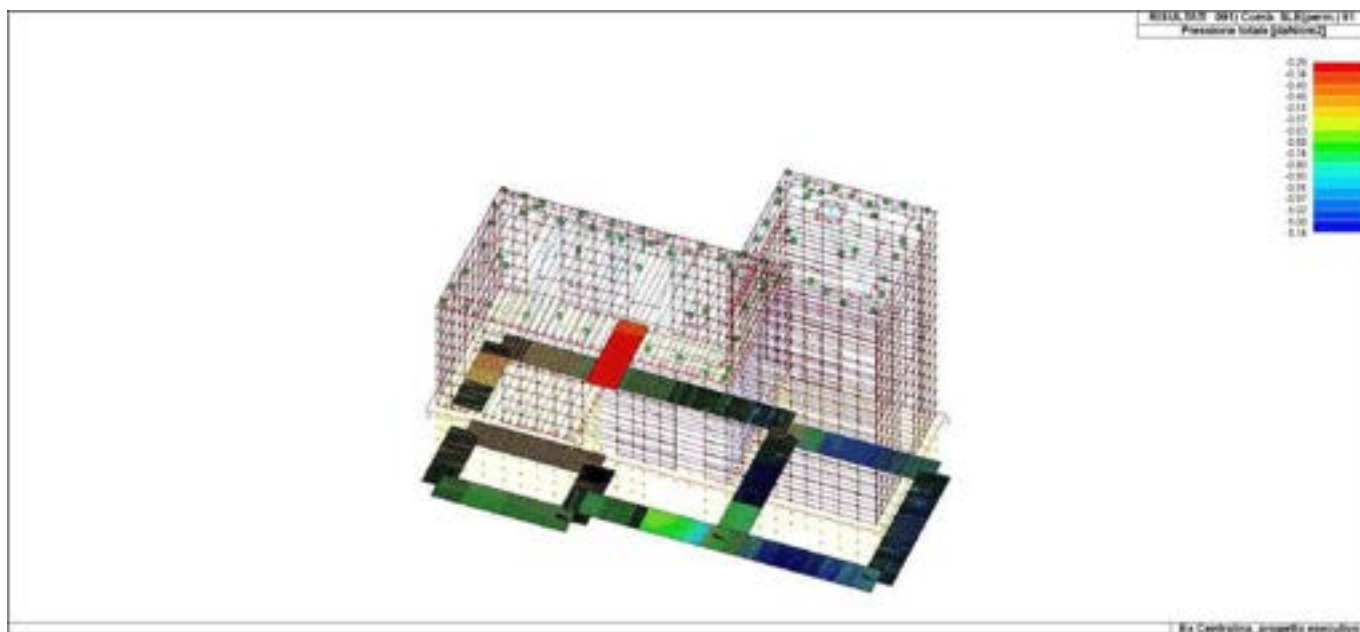
46_RIS_PRESSIONI_082_Comb SLerara 82



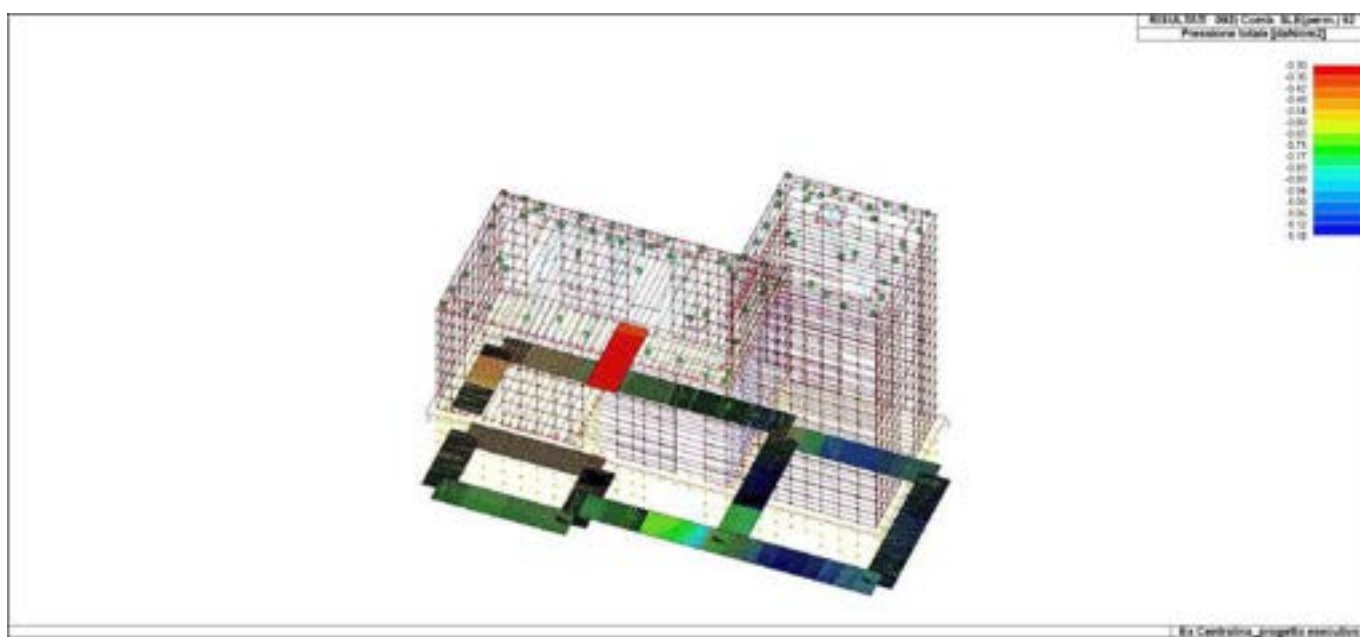
46_RIS_PRESSIONI_086_Comb SLEfreq 86



46_RIS_PRESSIONI_087_Comb SLEfreq 87



46_RIS_PRESSIONI_091_Comb SLEperm 91



46_RIS_PRESSIONI_092_Comb SLEperm 92

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

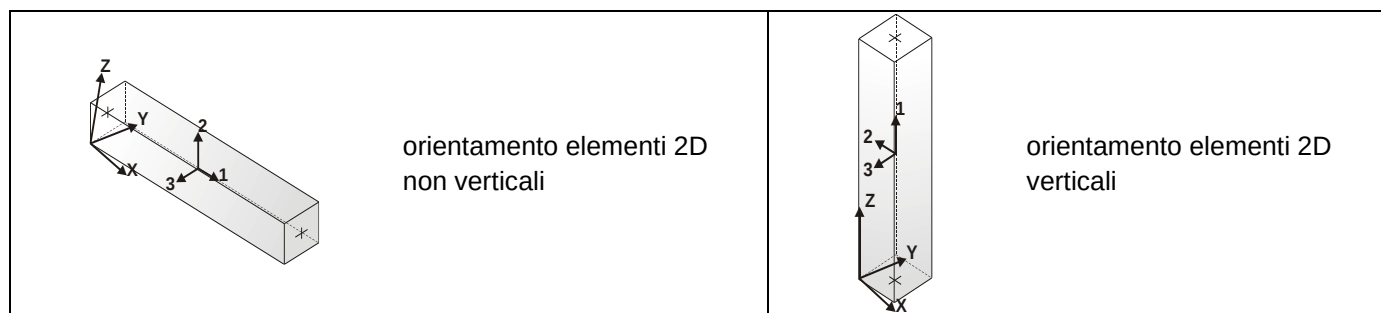
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
115	4	14.00	151.28	0.02	0.0	0.0	455.93	4.84e-03	-1.90	0.33	151.28	13.28
		13.28	-133.75	-0.02	0.0	75.0	469.20	4.84e-03	-1.90	0.33	8.77	13.64
						150.0	482.47	4.84e-03	-1.90	0.33	-133.75	14.00
115	5	5.84	30.42	0.01	0.0	0.0	124.67	2.02e-03	-0.39	0.20	30.42	5.54
		5.54	-27.34	-6.64e-03	0.0	75.0	134.88	2.02e-03	-0.39	0.20	1.54	5.69
						150.0	145.09	2.02e-03	-0.39	0.20	-27.34	5.84
115	11	12.87	185.60	0.02	0.0	0.0	546.34	4.44e-03	-2.33	0.34	185.60	12.20
		12.20	-163.90	-0.02	0.0	75.0	559.61	4.44e-03	-2.33	0.34	10.85	12.53
						150.0	572.88	4.44e-03	-2.33	0.34	-163.90	12.87
115	20	59.89	78.00	0.03	0.0	0.0	165.77	1.63	-0.99	2.19	78.00	-184.93
		-184.93	-70.65	-7.20e-03	0.0	75.0	175.97	1.63	-0.99	2.19	3.68	-62.52
						150.0	186.18	1.63	-0.99	2.19	-70.65	59.89
115	21	198.78	13.84	-1.54e-03	0.0	0.0	165.08	-1.62	-0.17	-1.77	13.84	198.78
		-45.28	-11.27	-9.28e-03	0.0	75.0	175.29	-1.62	-0.17	-1.77	1.28	76.75
						150.0	185.50	-1.62	-0.17	-1.77	-11.27	-45.28
115	27	61.17	35.80	0.03	0.0	0.0	165.68	1.62	-0.45	-1.54	35.80	-215.99
		-215.99	-31.75	-8.42e-03	0.0	75.0	175.89	1.62	-0.45	-1.54	2.02	-77.41
						150.0	186.09	1.62	-0.45	-1.54	-31.75	61.17
115	30	229.84	56.05	-3.31e-03	0.0	0.0	165.17	-1.61	-0.71	1.97	56.05	229.84
		-46.57	-50.17	-8.06e-03	0.0	75.0	175.38	-1.61	-0.71	1.97	2.94	91.64
						150.0	185.58	-1.61	-0.71	1.97	-50.17	-46.57
115	40	25.45	109.85	0.02	0.0	0.0	165.64	0.64	-1.40	-2.31e-03	109.85	-26.95
		-26.95	-100.03	-7.84e-03	0.0	75.0	175.85	0.64	-1.40	-2.31e-03	4.91	-0.75
						150.0	186.06	0.64	-1.40	-2.31e-03	-100.03	25.45
115	52	74.06	86.67	0.04	0.0	0.0	165.85	2.06	-1.10	2.69	86.67	-235.86
		-235.86	-78.67	-6.92e-03	0.0	75.0	176.06	2.06	-1.10	2.69	4.00	-80.90
						150.0	186.27	2.06	-1.10	2.69	-78.67	74.06
115	53	249.71	5.18	-6.04e-03	0.0	0.0	165.00	-2.05	-0.06	-2.27	5.18	249.71
		-59.46	-3.25	-9.56e-03	0.0	75.0	175.20	-2.05	-0.06	-2.27	0.96	95.12
						150.0	185.41	-2.05	-0.06	-2.27	-3.25	-59.46
115	59	75.70	32.95	0.04	0.0	0.0	165.75	2.05	-0.41	-2.02	32.95	-275.09
		-275.09	-29.17	-8.47e-03	0.0	75.0	175.95	2.05	-0.41	-2.02	1.89	-99.70
						150.0	186.16	2.05	-0.41	-2.02	-29.17	75.70
115	62	288.94	58.89	-8.28e-03	0.0	0.0	165.10	-2.04	-0.74	2.44	58.89	288.94
		-61.09	-52.76	-8.01e-03	0.0	75.0	175.31	-2.04	-0.74	2.44	3.07	113.92
						150.0	185.52	-2.04	-0.74	2.44	-52.76	-61.09
115	72	30.33	127.12	0.02	0.0	0.0	165.70	0.81	-1.62	-0.07	127.12	-36.20
		-36.20	-115.99	-7.73e-03	0.0	75.0	175.91	0.81	-1.62	-0.07	5.56	-2.93
						150.0	186.11	0.81	-1.62	-0.07	-115.99	30.33
115	79	6.31	35.98	0.01	0.0	0.0	139.30	2.18e-03	-0.45	0.20	35.98	5.98
		5.98	-32.22	-7.21e-03	0.0	75.0	149.51	2.18e-03	-0.45	0.20	1.88	6.14
						150.0	159.71	2.18e-03	-0.45	0.20	-32.22	6.31
115	82	9.87	101.94	0.02	0.0	0.0	312.78	3.41e-03	-1.28	0.25	101.94	9.36
		9.36	-90.21	-0.01	0.0	75.0	322.98	3.41e-03	-1.28	0.25	5.87	9.61
						150.0	333.19	3.41e-03	-1.28	0.25	-90.21	9.87
115	85	9.11	124.82	0.02	0.0	0.0	373.05	3.15e-03	-1.57	0.25	124.82	8.64
		8.64	-110.31	-0.02	0.0	75.0	383.26	3.15e-03	-1.57	0.25	7.26	8.87
						150.0	393.46	3.15e-03	-1.57	0.25	-110.31	9.11
115	86	6.31	35.98	0.01	0.0	0.0	139.30	2.18e-03	-0.45	0.20	35.98	5.98
		5.98	-32.22	-7.21e-03	0.0	75.0	149.51	2.18e-03	-0.45	0.20	1.88	6.14
						150.0	159.71	2.18e-03	-0.45	0.20	-32.22	6.31
115	87	7.97	52.55	0.02	0.0	0.0	182.84	2.75e-03	-0.66	0.22	52.55	7.55
		7.55	-46.79	-8.93e-03	0.0	75.0	193.05	2.75e-03	-0.66	0.22	2.88	7.76
						150.0	203.25	2.75e-03	-0.66	0.22	-46.79	7.97
115	90	7.40	59.05	0.02	0.0	0.0	199.98	2.56e-03	-0.74	0.22	59.05	7.02
		7.02	-52.50	-9.48e-03	0.0	75.0	210.19	2.56e-03	-0.74	0.22	3.28	7.21
						150.0	220.40	2.56e-03	-0.74	0.22	-52.50	7.40
115	91	6.31	35.98	0.01	0.0	0.0	139.30	2.18e-03	-0.45	0.20	35.98	5.98
		5.98	-32.22	-7.21e-03	0.0	75.0	149.51	2.18e-03	-0.45	0.20	1.88	6.14
						150.0	159.71	2.18e-03	-0.45	0.20	-32.22	6.31
115	92	7.30	45.92	0.02	0.0	0.0	165.43	2.52e-03	-0.58	0.21	45.92	6.92
		6.92	-40.96	-8.24e-03	0.0	75.0	175.63	2.52e-03	-0.58	0.21	2.48	7.11
						150.0	185.84	2.52e-03	-0.58	0.21	-40.96	7.30
116	5	994.28	225.20	0.04	0.0	0.0	119.70	10.43	2.36	3.21	-129.11	-569.54
		-569.54	-129.11	-1.72e-03	0.0	75.0	129.91	10.43	2.36	3.21	48.04	212.37
						150.0	140.12	10.43	2.36	3.21	225.20	994.28
116	11	4899.68	599.91	0.17	0.0	0.0	544.19	51.51	6.55	11.55	-382.89	-2826.99
		-2826.99	-382.89	0.01	0.0	75.0	557.46	51.51	6.55	11.55	108.51	1036.34
						150.0	570.73	51.51	6.55	11.55	599.91	4899.68
116	18	1651.68	220.69	0.05	0.0	0.0	161.64	16.86	2.00	2.40	-77.01	-876.91
		-876.91	-77.01	6.80e-04	0.0	75.0	171.85	16.86	2.00	2.40	71.84	387.39
						150.0	182.06	16.86	2.00	2.40	220.69	1651.68
116	26	1654.36	230.94	0.05	0.0	0.0	161.72	16.87	2.13	0.49	-85.51	-876.53

		-876.53	-85.51	1.65e-03	0.0	75.0	171.93	16.87	2.13	0.49	72.71	388.92
						150.0	182.14	16.87	2.13	0.49	230.94	1654.36
116	28	1123.84	261.99	0.06	0.0	0.0	159.34	12.27	2.53	2.56	-117.05	-716.51
		-716.51	-117.05	6.61e-04	0.0	75.0	169.54	12.27	2.53	2.56	72.47	203.67
						150.0	179.75	12.27	2.53	2.56	261.99	1123.84
116	29	1636.72	256.30	0.05	0.0	0.0	161.92	16.69	2.95	5.35	-186.67	-867.16
		-867.16	-186.67	-1.10e-03	0.0	75.0	172.12	16.69	2.95	5.35	34.82	384.78
						150.0	182.33	16.69	2.95	5.35	256.30	1636.72
116	31	1271.83	310.09	0.06	0.0	0.0	160.59	13.49	4.21	11.58	-323.82	-751.92
		-751.92	-323.82	-4.96e-03	0.0	75.0	170.80	13.49	4.21	11.58	-6.86	259.96
						150.0	181.01	13.49	4.21	11.58	310.09	1271.83
116	39	1272.42	308.05	0.06	0.0	0.0	160.63	13.50	4.21	12.06	-332.44	-752.33
		-752.33	-332.44	-4.29e-03	0.0	75.0	170.84	13.50	4.21	12.06	-12.20	260.05
						150.0	181.04	13.50	4.21	12.06	308.05	1272.42
116	50	1725.04	210.30	0.05	0.0	0.0	161.91	17.50	1.79	1.97	-56.81	-899.90
		-899.90	-56.81	9.24e-04	0.0	75.0	172.12	17.50	1.79	1.97	76.75	412.57
						150.0	182.33	17.50	1.79	1.97	210.30	1725.04
116	58	1728.61	223.31	0.05	0.0	0.0	162.02	17.52	1.96	-0.45	-67.59	-899.46
		-899.46	-67.59	2.15e-03	0.0	75.0	172.22	17.52	1.96	-0.45	77.86	414.58
						150.0	182.43	17.52	1.96	-0.45	223.31	1728.61
116	60	1054.36	262.76	0.06	0.0	0.0	158.99	11.67	2.48	2.18	-107.63	-696.11
		-696.11	-107.63	8.98e-04	0.0	75.0	169.20	11.67	2.48	2.18	77.56	179.12
						150.0	179.40	11.67	2.48	2.18	262.76	1054.36
116	61	1706.20	255.54	0.05	0.0	0.0	162.26	17.29	3.00	5.73	-196.09	-887.56
		-887.56	-196.09	-1.34e-03	0.0	75.0	172.47	17.29	3.00	5.73	29.72	409.32
						150.0	182.67	17.29	3.00	5.73	255.54	1706.20
116	63	1242.53	323.86	0.06	0.0	0.0	160.59	13.22	4.60	13.64	-370.28	-741.13
		-741.13	-370.28	-6.25e-03	0.0	75.0	170.79	13.22	4.60	13.64	-23.21	250.70
						150.0	181.00	13.22	4.60	13.64	323.86	1242.53
116	71	1243.27	321.28	0.06	0.0	0.0	160.63	13.24	4.61	14.25	-381.23	-741.65
		-741.65	-381.23	-5.38e-03	0.0	75.0	170.84	13.24	4.61	14.25	-29.98	250.81
						150.0	181.05	13.24	4.61	14.25	321.28	1243.27
116	79	1132.33	237.56	0.05	0.0	0.0	134.39	11.88	2.50	3.48	-137.46	-649.13
		-649.13	-137.46	-1.17e-03	0.0	75.0	144.59	11.88	2.50	3.48	50.05	241.60
						150.0	154.80	11.88	2.50	3.48	237.56	1132.33
116	85	3325.39	423.37	0.12	0.0	0.0	370.92	34.96	4.61	7.98	-268.02	-1918.15
		-1918.15	-268.02	8.17e-03	0.0	75.0	381.13	34.96	4.61	7.98	77.67	703.62
						150.0	391.33	34.96	4.61	7.98	423.37	3325.39
116	86	1132.33	237.56	0.05	0.0	0.0	134.39	11.88	2.50	3.48	-137.46	-649.13
		-649.13	-137.46	-1.17e-03	0.0	75.0	144.59	11.88	2.50	3.48	50.05	241.60
						150.0	154.80	11.88	2.50	3.48	237.56	1132.33
116	90	1703.18	286.24	0.07	0.0	0.0	195.69	17.88	3.05	4.63	-171.25	-979.04
		-979.04	-171.25	1.21e-03	0.0	75.0	205.89	17.88	3.05	4.63	57.49	362.07
						150.0	216.10	17.88	3.05	4.63	286.24	1703.18
116	91	1132.33	237.56	0.05	0.0	0.0	134.39	11.88	2.50	3.48	-137.46	-649.13
		-649.13	-137.46	-1.17e-03	0.0	75.0	144.59	11.88	2.50	3.48	50.05	241.60
						150.0	154.80	11.88	2.50	3.48	237.56	1132.33
116	92	1380.28	259.15	0.06	0.0	0.0	160.63	14.48	2.74	3.96	-151.86	-791.83
		-791.83	-151.86	-3.57e-04	0.0	75.0	170.83	14.48	2.74	3.96	53.64	294.22
						150.0	181.04	14.48	2.74	3.96	259.15	1380.28
117	5	700.00	31.96	-0.02	0.0	0.0	122.96	-12.55	-1.10	-3.12	31.96	700.00
		-1182.84	-132.36	-4.35e-03	0.0	75.0	133.17	-12.55	-1.10	-3.12	-50.20	-241.42
						150.0	143.38	-12.55	-1.10	-3.12	-132.36	-1182.84
117	11	3272.11	187.67	-0.14	0.0	0.0	565.32	-59.07	-5.30	-12.18	187.67	3272.11
		-5588.33	-607.46	-5.02e-03	0.0	75.0	578.59	-59.07	-5.30	-12.18	-209.90	-1158.11
						150.0	591.85	-59.07	-5.30	-12.18	-607.46	-5588.33
117	16	1042.23	49.78	-0.03	0.0	0.0	165.01	-19.48	-1.50	-5.05	49.78	1042.23
		-1880.72	-178.92	-3.80e-03	0.0	75.0	175.22	-19.48	-1.50	-5.05	-64.57	-419.24
						150.0	185.42	-19.48	-1.50	-5.05	-178.92	-1880.72
117	17	860.18	44.29	-0.04	0.0	0.0	166.35	-14.69	-1.50	-2.99	44.29	860.18
		-1342.26	-176.94	-4.93e-03	0.0	75.0	176.56	-14.69	-1.50	-2.99	-66.32	-241.04
						150.0	186.76	-14.69	-1.50	-2.99	-176.94	-1342.26
117	23	1044.88	17.48	-0.03	0.0	0.0	165.22	-19.56	-1.30	-4.81	17.48	1044.88
		-1889.55	-176.28	-4.91e-03	0.0	75.0	175.43	-19.56	-1.30	-4.81	-79.40	-422.34
						150.0	185.64	-19.56	-1.30	-4.81	-176.28	-1889.55
117	27	1044.76	21.97	-0.03	0.0	0.0	165.21	-19.56	-1.31	-4.49	21.97	1044.76
		-1890.18	-172.79	-5.11e-03	0.0	75.0	175.42	-19.56	-1.31	-4.49	-75.41	-422.71
						150.0	185.62	-19.56	-1.31	-4.49	-172.79	-1890.18
117	34	920.21	126.69	-0.04	0.0	0.0	165.61	-16.27	-1.84	1.74	126.69	920.21
		-1520.08	-148.14	-2.98e-03	0.0	75.0	175.81	-16.27	-1.84	1.74	-10.73	-299.94
						150.0	186.02	-16.27	-1.84	1.74	-148.14	-1520.08
117	37	926.79	-24.56	-0.04	0.0	0.0	166.09	-16.44	-1.22	-9.23	-24.56	926.79
		-1538.71	-207.91	-5.75e-03	0.0	75.0	176.30	-16.44	-1.22	-9.23	-116.24	-305.96
						150.0	186.51	-16.44	-1.22	-9.23	-207.91	-1538.71
117	48	1066.83	50.53	-0.03	0.0	0.0	164.83	-20.13	-1.50	-5.33	50.53	1066.83
		-1953.49	-179.17	-3.64e-03	0.0	75.0	175.04	-20.13	-1.50	-5.33	-64.32	-443.33
						150.0	185.24	-20.13	-1.50	-5.33	-179.17	-1953.49

117	49	835.58	43.55	-0.04	0.0	0.0	166.53	-14.04	-1.50	-2.71	43.55	835.58
		-1269.50	-176.68	-5.08e-03	0.0	75.0	176.73	-14.04	-1.50	-2.71	-66.57	-216.96
						150.0	186.94	-14.04	-1.50	-2.71	-176.68	-1269.50
117	55	1070.23	9.51	-0.03	0.0	0.0	165.10	-20.23	-1.25	-5.03	9.51	1070.23
		-1964.89	-175.83	-5.06e-03	0.0	75.0	175.31	-20.23	-1.25	-5.03	-83.16	-447.33
						150.0	185.51	-20.23	-1.25	-5.03	-175.83	-1964.89
117	59	1070.08	15.21	-0.03	0.0	0.0	165.08	-20.23	-1.26	-4.61	15.21	1070.08
		-1965.70	-171.40	-5.31e-03	0.0	75.0	175.29	-20.23	-1.26	-4.61	-78.09	-447.81
						150.0	185.50	-20.23	-1.26	-4.61	-171.40	-1965.70
117	66	911.83	148.21	-0.04	0.0	0.0	165.58	-16.05	-1.94	3.30	148.21	911.83
		-1495.38	-140.10	-2.61e-03	0.0	75.0	175.79	-16.05	-1.94	3.30	4.05	-291.78
						150.0	186.00	-16.05	-1.94	3.30	-140.10	-1495.38
117	69	920.18	-43.92	-0.04	0.0	0.0	166.20	-16.26	-1.14	-10.64	-43.92	920.18
		-1518.98	-216.01	-6.12e-03	0.0	75.0	176.41	-16.26	-1.14	-10.64	-129.96	-299.40
						150.0	186.62	-16.26	-1.14	-10.64	-216.01	-1518.98
117	79	789.59	37.41	-0.03	0.0	0.0	138.29	-14.17	-1.24	-3.45	37.41	789.59
		-1335.91	-148.82	-4.35e-03	0.0	75.0	148.50	-14.17	-1.24	-3.45	-55.71	-273.16
						150.0	158.70	-14.17	-1.24	-3.45	-148.82	-1335.91
117	85	2226.96	126.47	-0.10	0.0	0.0	385.10	-40.19	-3.60	-8.36	126.47	2226.96
		-3801.63	-413.84	-3.92e-03	0.0	75.0	395.30	-40.19	-3.60	-8.36	-143.69	-787.34
						150.0	405.51	-40.19	-3.60	-8.36	-413.84	-3801.63
117	86	789.59	37.41	-0.03	0.0	0.0	138.29	-14.17	-1.24	-3.45	37.41	789.59
		-1335.91	-148.82	-4.35e-03	0.0	75.0	148.50	-14.17	-1.24	-3.45	-55.71	-273.16
						150.0	158.70	-14.17	-1.24	-3.45	-148.82	-1335.91
117	90	1163.26	60.36	-0.04	0.0	0.0	202.26	-20.93	-1.85	-4.74	60.36	1163.26
		-1976.03	-217.35	-4.27e-03	0.0	75.0	212.47	-20.93	-1.85	-4.74	-78.50	-406.39
						150.0	222.67	-20.93	-1.85	-4.74	-217.35	-1976.03
117	91	789.59	37.41	-0.03	0.0	0.0	138.29	-14.17	-1.24	-3.45	37.41	789.59
		-1335.91	-148.82	-4.35e-03	0.0	75.0	148.50	-14.17	-1.24	-3.45	-55.71	-273.16
						150.0	158.70	-14.17	-1.24	-3.45	-148.82	-1335.91
117	92	951.21	47.04	-0.03	0.0	0.0	165.68	-17.08	-1.50	-4.02	47.04	951.21
		-1611.49	-177.93	-4.36e-03	0.0	75.0	175.89	-17.08	-1.50	-4.02	-65.45	-330.14
						150.0	186.09	-17.08	-1.50	-4.02	-177.93	-1611.49
245	5	43.26	14.52	9.75e-03	0.0	0.0	140.18	0.43	0.37	5.66	-37.63	-16.99
		-16.99	-37.63	-3.93e-03	0.0	70.0	149.71	0.43	0.37	5.66	-11.56	13.13
						140.0	159.23	0.43	0.37	5.66	14.52	43.26
245	11	216.72	-28.23	0.01	0.0	0.0	527.49	2.12	-0.63	42.47	-28.23	-80.40
		-80.40	-116.13	-6.96e-03	0.0	70.0	539.88	2.12	-0.63	42.47	-72.18	68.16
						140.0	552.26	2.12	-0.63	42.47	-116.13	216.72
245	20	63.21	83.99	0.01	0.0	0.0	173.42	0.62	0.87	18.46	-42.40	-22.71
		-22.71	-42.40	-2.70e-03	0.0	70.0	182.95	0.62	0.87	18.46	20.80	20.25
						140.0	192.47	0.62	0.87	18.46	83.99	63.21
245	21	56.98	-28.44	7.22e-03	0.0	0.0	178.69	0.57	-0.36	0.16	-28.44	-23.51
		-23.51	-83.07	-5.79e-03	0.0	70.0	188.21	0.57	-0.36	0.16	-55.75	16.73
						140.0	197.74	0.57	-0.36	0.16	-83.07	56.98
245	39	58.08	-159.36	8.02e-03	0.0	0.0	175.92	-1.55	-0.42	18.74	-159.36	58.08
		-158.77	-179.82	-8.05e-03	0.0	70.0	185.44	-1.55	-0.42	18.74	-169.59	-50.35
						140.0	194.97	-1.55	-0.42	18.74	-179.82	-158.77
245	42	278.97	180.75	0.01	0.0	0.0	176.20	2.74	0.94	-0.12	88.52	-104.31
		-104.31	88.52	-6.02e-04	0.0	70.0	185.72	2.74	0.94	-0.12	134.64	87.33
						140.0	195.25	2.74	0.94	-0.12	180.75	278.97
245	44	248.17	198.65	0.01	0.0	0.0	176.19	2.43	1.16	1.81	66.61	-91.48
		-91.48	66.61	-6.13e-04	0.0	70.0	185.72	2.43	1.16	1.81	132.63	78.35
						140.0	195.24	2.43	1.16	1.81	198.65	248.17
245	45	45.25	-137.45	6.99e-03	0.0	0.0	175.92	-1.24	-0.65	16.81	-137.45	45.25
		-127.98	-197.73	-8.04e-03	0.0	70.0	185.45	-1.24	-0.65	16.81	-167.59	-41.36
						140.0	194.97	-1.24	-0.65	16.81	-197.73	-127.98
245	52	64.73	106.71	0.01	0.0	0.0	172.75	0.63	1.04	20.95	-44.06	-22.90
		-22.90	-44.06	-2.28e-03	0.0	70.0	182.28	0.63	1.04	20.95	31.32	20.91
						140.0	191.80	0.63	1.04	20.95	106.71	64.73
245	53	55.47	-26.78	6.58e-03	0.0	0.0	179.36	0.55	-0.53	-2.33	-26.78	-23.32
		-23.32	-105.78	-6.21e-03	0.0	70.0	188.88	0.55	-0.53	-2.33	-66.28	16.07
						140.0	198.41	0.55	-0.53	-2.33	-105.78	55.47
245	71	80.25	-193.69	7.59e-03	0.0	0.0	175.88	-2.13	-0.61	21.28	-193.69	80.25
		-218.52	-228.87	-9.07e-03	0.0	70.0	185.41	-2.13	-0.61	21.28	-211.28	-69.13
						140.0	194.93	-2.13	-0.61	21.28	-228.87	-218.52
245	74	338.72	229.79	0.01	0.0	0.0	176.23	3.32	1.12	-2.66	122.85	-126.48
		-126.48	122.85	5.78e-04	0.0	70.0	185.76	3.32	1.12	-2.66	176.32	106.12
						140.0	195.28	3.32	1.12	-2.66	229.79	338.72
245	76	299.85	252.55	0.01	0.0	0.0	176.22	2.93	1.40	-0.18	95.06	-110.30
		-110.30	95.06	5.62e-04	0.0	70.0	185.75	2.93	1.40	-0.18	173.80	94.77
						140.0	195.27	2.93	1.40	-0.18	252.55	299.85
245	77	64.07	-165.90	6.28e-03	0.0	0.0	175.89	-1.74	-0.89	18.80	-165.90	64.07
		-179.65	-251.62	-9.05e-03	0.0	70.0	185.41	-1.74	-0.89	18.80	-208.76	-57.79
						140.0	194.94	-1.74	-0.89	18.80	-251.62	-179.65
245	79	49.29	9.48	9.73e-03	0.0	0.0	153.06	0.49	0.33	6.97	-36.85	-19.18
		-19.18	-36.85	-4.03e-03	0.0	70.0	162.59	0.49	0.33	6.97	-13.68	15.05

245	85	147.03	-24.26	9.37e-03	0.0	140.0	172.11	0.49	0.33	6.97	9.48	49.29
		-54.70	-72.80	-5.11e-03	0.0	0.0	363.48	1.44	-0.35	28.37	-24.26	-54.70
245	86	49.29	9.48	9.73e-03	0.0	70.0	373.01	1.44	-0.35	28.37	-48.53	46.17
		-19.18	-36.85	-4.03e-03	0.0	140.0	382.54	1.44	-0.35	28.37	-72.80	147.03
245	90	74.60	-11.78	9.56e-03	0.0	0.0	153.06	0.49	0.33	6.97	-36.85	-19.18
		-28.38	-33.57	-4.36e-03	0.0	70.0	162.59	0.49	0.33	6.97	-13.68	15.05
245	91	49.29	9.48	9.73e-03	0.0	140.0	172.11	0.49	0.33	6.97	9.48	49.29
		-19.18	-36.85	-4.03e-03	0.0	0.0	207.41	0.74	0.16	12.50	-33.57	-28.38
245	92	60.10	0.46	9.55e-03	0.0	70.0	216.94	0.74	0.16	12.50	-22.68	23.11
		-23.11	-35.42	-4.24e-03	0.0	140.0	226.46	0.74	0.16	12.50	-11.78	74.60
245						0.0	153.06	0.49	0.33	6.97	-36.85	-19.18
						70.0	162.59	0.49	0.33	6.97	-13.68	15.05
245						140.0	172.11	0.49	0.33	6.97	9.48	49.29
						0.0	176.06	0.59	0.26	9.31	-35.42	-23.11
245						70.0	185.58	0.59	0.26	9.31	-17.48	18.49
						140.0	195.11	0.59	0.26	9.31	0.46	60.10

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-5588.33	-607.46	-0.14	0.0	119.70	-59.07	-5.30	-12.18
	4899.68	599.91	0.17	0.0	591.85	51.51	6.55	42.47

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	4	5890.69	0.0	0.0	-645.55	0.0	-276.17	322.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-276.17	-6.54e-06	0.0	0.0	0.0	5890.69
						73.0	-276.17	-322.78	0.0	0.0	0.0	0.0
1	5	3366.75	0.0	0.0	-368.96	0.0	-125.11	184.48	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-125.11	-4.07e-06	0.0	0.0	0.0	3366.75
						73.0	-125.11	-184.48	0.0	0.0	0.0	0.0
1	27	3699.48	0.0	0.0	-405.42	0.0	-419.77	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-419.77	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-419.77	-202.71	0.0	0.0	0.0	0.0
1	30	3699.48	0.0	0.0	-405.42	0.0	117.26	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	117.26	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	117.26	-202.71	0.0	0.0	0.0	0.0
1	59	3699.48	0.0	0.0	-405.42	0.0	-492.35	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-492.35	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-492.35	-202.71	0.0	0.0	0.0	0.0
1	62	3699.48	0.0	0.0	-405.42	0.0	189.84	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	189.84	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	189.84	-202.71	0.0	0.0	0.0	0.0
1	79	3422.20	0.0	0.0	-375.04	0.0	-133.00	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-133.00	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-133.00	-187.52	0.0	0.0	0.0	0.0
1	82	4346.45	0.0	0.0	-476.32	0.0	-196.58	238.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-196.58	-4.88e-06	0.0	0.0	0.0	4346.45
						73.0	-196.58	-238.16	0.0	0.0	0.0	0.0
1	86	3422.20	0.0	0.0	-375.04	0.0	-133.00	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-133.00	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-133.00	-187.52	0.0	0.0	0.0	0.0
1	87	3884.33	0.0	0.0	-425.68	0.0	-163.42	212.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-163.42	-4.50e-06	0.0	0.0	0.0	3884.33
						73.0	-163.42	-212.84	0.0	0.0	0.0	0.0
1	91	3422.20	0.0	0.0	-375.04	0.0	-133.00	187.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-133.00	-4.11e-06	0.0	0.0	0.0	3422.20
						73.0	-133.00	-187.52	0.0	0.0	0.0	0.0
1	92	3699.48	0.0	0.0	-405.42	0.0	-151.25	202.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	36.5	-151.25	-4.34e-06	0.0	0.0	0.0	3699.48
						73.0	-151.25	-202.71	0.0	0.0	0.0	0.0
2	5	675.00	0.0	0.0	-108.00	0.0	-21.65	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-21.65	0.0	0.0	0.0	0.0	675.00
						50.0	-21.65	-54.00	0.0	0.0	0.0	0.0
2	11	877.50	0.0	0.0	-140.40	0.0	-87.20	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-87.20	0.0	0.0	0.0	0.0	877.50
						50.0	-87.20	-70.20	0.0	0.0	0.0	0.0
2	31	675.00	0.0	0.0	-108.00	0.0	-6.40	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-6.40	0.0	0.0	0.0	0.0	675.00
						50.0	-6.40	-54.00	0.0	0.0	0.0	0.0
2	34	675.00	0.0	0.0	-108.00	0.0	-48.91	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-48.91	0.0	0.0	0.0	0.0	675.00
						50.0	-48.91	-54.00	0.0	0.0	0.0	0.0
2	63	675.00	0.0	0.0	-108.00	0.0	-0.66	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-0.66	0.0	0.0	0.0	0.0	675.00
						50.0	-0.66	-54.00	0.0	0.0	0.0	0.0
2	66	675.00	0.0	0.0	-108.00	0.0	-54.66	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-54.66	0.0	0.0	0.0	0.0	675.00

						50.0	-54.66	-54.00	0.0	0.0	0.0	0.0
2	79	675.00	0.0	0.0	-108.00	0.0	-24.30	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-24.30	0.0	0.0	0.0	0.0	675.00
						50.0	-24.30	-54.00	0.0	0.0	0.0	0.0
2	85	675.00	0.0	0.0	-108.00	0.0	-59.61	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-59.61	0.0	0.0	0.0	0.0	675.00
						50.0	-59.61	-54.00	0.0	0.0	0.0	0.0
2	86	675.00	0.0	0.0	-108.00	0.0	-24.30	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-24.30	0.0	0.0	0.0	0.0	675.00
						50.0	-24.30	-54.00	0.0	0.0	0.0	0.0
2	90	675.00	0.0	0.0	-108.00	0.0	-33.15	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-33.15	0.0	0.0	0.0	0.0	675.00
						50.0	-33.15	-54.00	0.0	0.0	0.0	0.0
2	91	675.00	0.0	0.0	-108.00	0.0	-24.30	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-24.30	0.0	0.0	0.0	0.0	675.00
						50.0	-24.30	-54.00	0.0	0.0	0.0	0.0
2	92	675.00	0.0	0.0	-108.00	0.0	-27.66	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-27.66	0.0	0.0	0.0	0.0	675.00
						50.0	-27.66	-54.00	0.0	0.0	0.0	0.0
3	1	1420.86	0.0	0.0	-277.24	0.0	63.65	138.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	63.65	0.0	0.0	0.0	0.0	1420.86
						41.0	63.65	-138.62	0.0	0.0	0.0	0.0
3	14	1368.15	0.0	0.0	-266.96	0.0	5.78	133.48	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	5.78	0.0	0.0	0.0	0.0	1368.15
						41.0	5.78	-133.48	0.0	0.0	0.0	0.0
3	20	1166.98	0.0	0.0	-227.70	0.0	5.30	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	5.30	0.0	0.0	0.0	0.0	1166.98
						41.0	5.30	-113.85	0.0	0.0	0.0	0.0
3	21	1166.98	0.0	0.0	-227.70	0.0	89.93	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	89.93	0.0	0.0	0.0	0.0	1166.98
						41.0	89.93	-113.85	0.0	0.0	0.0	0.0
3	52	1166.98	0.0	0.0	-227.70	0.0	-6.14	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	-6.14	0.0	0.0	0.0	0.0	1166.98
						41.0	-6.14	-113.85	0.0	0.0	0.0	0.0
3	53	1166.98	0.0	0.0	-227.70	0.0	101.36	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	101.36	0.0	0.0	0.0	0.0	1166.98
						41.0	101.36	-113.85	0.0	0.0	0.0	0.0
3	79	1079.51	0.0	0.0	-210.64	0.0	49.52	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	49.52	0.0	0.0	0.0	0.0	1079.51
						41.0	49.52	-105.32	0.0	0.0	0.0	0.0
3	85	1283.60	0.0	0.0	-250.46	0.0	19.88	125.23	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	19.88	0.0	0.0	0.0	0.0	1283.60
						41.0	19.88	-125.23	0.0	0.0	0.0	0.0
3	86	1079.51	0.0	0.0	-210.64	0.0	49.52	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	49.52	0.0	0.0	0.0	0.0	1079.51
						41.0	49.52	-105.32	0.0	0.0	0.0	0.0
3	90	1166.98	0.0	0.0	-227.70	0.0	42.58	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	42.58	0.0	0.0	0.0	0.0	1166.98
						41.0	42.58	-113.85	0.0	0.0	0.0	0.0
3	91	1079.51	0.0	0.0	-210.64	0.0	49.52	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	49.52	0.0	0.0	0.0	0.0	1079.51
						41.0	49.52	-105.32	0.0	0.0	0.0	0.0
3	92	1166.98	0.0	0.0	-227.70	0.0	47.61	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	47.61	0.0	0.0	0.0	0.0	1166.98
						41.0	47.61	-113.85	0.0	0.0	0.0	0.0
4	5	522.72	0.0	0.0	-95.04	0.0	-171.53	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-171.53	0.0	0.0	0.0	0.0	522.72
						44.0	-171.53	-47.52	0.0	0.0	0.0	0.0
4	11	679.54	0.0	0.0	-123.55	0.0	-343.54	61.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-343.54	0.0	0.0	0.0	0.0	679.54
						44.0	-343.54	-61.78	0.0	0.0	0.0	0.0
4	40	522.72	0.0	0.0	-95.04	0.0	-317.51	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-317.51	0.0	0.0	0.0	0.0	522.72
						44.0	-317.51	-47.52	0.0	0.0	0.0	0.0
4	41	522.72	0.0	0.0	-95.04	0.0	-66.06	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-66.06	0.0	0.0	0.0	0.0	522.72
						44.0	-66.06	-47.52	0.0	0.0	0.0	0.0
4	72	522.72	0.0	0.0	-95.04	0.0	-351.49	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-351.49	0.0	0.0	0.0	0.0	522.72
						44.0	-351.49	-47.52	0.0	0.0	0.0	0.0
4	73	522.72	0.0	0.0	-95.04	0.0	-32.08	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-32.08	0.0	0.0	0.0	0.0	522.72
						44.0	-32.08	-47.52	0.0	0.0	0.0	0.0
4	79	522.72	0.0	0.0	-95.04	0.0	-178.88	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-178.88	0.0	0.0	0.0	0.0	522.72
						44.0	-178.88	-47.52	0.0	0.0	0.0	0.0
4	85	522.72	0.0	0.0	-95.04	0.0	-247.97	47.52	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	22.0	-247.97	0.0	0.0	0.0	0.0	522.72
						44.0	-247.97	-47.52	0.0	0.0	0.0	0.0
4	86	522.72	0.0	0.0	-95.04	0.0	-178.88	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-178.88	0.0	0.0	0.0	0.0	522.72
						44.0	-178.88	-47.52	0.0	0.0	0.0	0.0
4	87	522.72	0.0	0.0	-95.04	0.0	-200.39	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-200.39	0.0	0.0	0.0	0.0	522.72
						44.0	-200.39	-47.52	0.0	0.0	0.0	0.0
4	91	522.72	0.0	0.0	-95.04	0.0	-178.88	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-178.88	0.0	0.0	0.0	0.0	522.72
						44.0	-178.88	-47.52	0.0	0.0	0.0	0.0
4	92	522.72	0.0	0.0	-95.04	0.0	-191.79	47.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.0	-191.79	0.0	0.0	0.0	0.0	522.72
						44.0	-191.79	-47.52	0.0	0.0	0.0	0.0
5	1	2113.12	0.0	0.0	-338.10	0.0	49.34	169.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	49.34	-3.60e-06	0.0	0.0	0.0	2113.12
						50.0	49.34	-169.05	0.0	0.0	0.0	0.0
5	8	2229.84	0.0	0.0	-356.77	0.0	3.34	178.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	3.34	-2.77e-06	0.0	0.0	0.0	2229.84
						50.0	3.34	-178.39	0.0	0.0	0.0	0.0
5	24	1735.54	0.0	0.0	-277.69	0.0	-33.91	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-33.91	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-33.91	-138.84	0.0	0.0	0.0	0.0
5	25	1735.54	0.0	0.0	-277.69	0.0	100.85	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	100.85	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	100.85	-138.84	0.0	0.0	0.0	0.0
5	56	1735.54	0.0	0.0	-277.69	0.0	-52.14	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-52.14	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-52.14	-138.84	0.0	0.0	0.0	0.0
5	57	1735.54	0.0	0.0	-277.69	0.0	119.08	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	119.08	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	119.08	-138.84	0.0	0.0	0.0	0.0
5	79	1605.46	0.0	0.0	-256.87	0.0	39.35	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	39.35	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	39.35	-128.44	0.0	0.0	0.0	0.0
5	82	2039.06	0.0	0.0	-326.25	0.0	14.14	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	14.14	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	14.14	-163.12	0.0	0.0	0.0	0.0
5	86	1605.46	0.0	0.0	-256.87	0.0	39.35	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	39.35	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	39.35	-128.44	0.0	0.0	0.0	0.0
5	87	1822.26	0.0	0.0	-291.56	0.0	29.55	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	29.55	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	29.55	-145.78	0.0	0.0	0.0	0.0
5	91	1605.46	0.0	0.0	-256.87	0.0	39.35	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	39.35	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	39.35	-128.44	0.0	0.0	0.0	0.0
5	92	1735.54	0.0	0.0	-277.69	0.0	33.47	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	33.47	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	33.47	-138.84	0.0	0.0	0.0	0.0
6	7	530.67	0.0	0.0	-95.76	0.0	-12.08	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-12.08	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-12.08	-47.88	0.0	0.0	0.0	0.0
6	9	689.87	0.0	0.0	-124.49	0.0	-25.28	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-25.28	1.39e-06	0.0	0.0	0.0	689.87
						44.3	-25.28	-62.24	0.0	0.0	0.0	0.0
6	31	530.67	0.0	0.0	-95.76	0.0	-3.95	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-3.95	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-3.95	-47.88	0.0	0.0	0.0	0.0
6	34	530.67	0.0	0.0	-95.76	0.0	-26.08	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-26.08	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-26.08	-47.88	0.0	0.0	0.0	0.0
6	63	530.67	0.0	0.0	-95.76	0.0	-0.96	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-0.96	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-0.96	-47.88	0.0	0.0	0.0	0.0
6	66	530.67	0.0	0.0	-95.76	0.0	-29.07	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-29.07	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-29.07	-47.88	0.0	0.0	0.0	0.0
6	81	530.67	0.0	0.0	-95.76	0.0	-13.54	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-13.54	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-13.54	-47.88	0.0	0.0	0.0	0.0
6	83	530.67	0.0	0.0	-95.76	0.0	-18.67	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-18.67	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-18.67	-47.88	0.0	0.0	0.0	0.0
6	87	530.67	0.0	0.0	-95.76	0.0	-14.59	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-14.59	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-14.59	-47.88	0.0	0.0	0.0	0.0

6	88	530.67	0.0	0.0	-95.76	0.0	-16.25	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-16.25	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-16.25	-47.88	0.0	0.0	0.0	0.0
6	91	530.67	0.0	0.0	-95.76	0.0	-15.65	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-15.65	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-15.65	-47.88	0.0	0.0	0.0	0.0
6	92	530.67	0.0	0.0	-95.76	0.0	-15.02	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-15.02	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-15.02	-47.88	0.0	0.0	0.0	0.0
7	1	2580.17	0.0	0.0	-373.60	0.0	116.69	186.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	116.69	-2.81e-06	0.0	0.0	0.0	2580.17
						55.2	116.69	-186.80	0.0	0.0	0.0	0.0
7	8	2722.69	0.0	0.0	-394.24	0.0	73.59	197.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	73.59	0.0	0.0	0.0	0.0	2722.69
						55.2	73.59	-197.12	0.0	0.0	0.0	0.0
7	31	2119.14	0.0	0.0	-306.84	0.0	-20.90	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-20.90	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-20.90	-153.42	0.0	0.0	0.0	0.0
7	34	2119.14	0.0	0.0	-306.84	0.0	195.89	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	195.89	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	195.89	-153.42	0.0	0.0	0.0	0.0
7	63	2119.14	0.0	0.0	-306.84	0.0	-50.19	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-50.19	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-50.19	-153.42	0.0	0.0	0.0	0.0
7	66	2119.14	0.0	0.0	-306.84	0.0	225.18	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	225.18	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	225.18	-153.42	0.0	0.0	0.0	0.0
7	79	1960.31	0.0	0.0	-283.85	0.0	90.17	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	90.17	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	90.17	-141.92	0.0	0.0	0.0	0.0
7	82	2489.74	0.0	0.0	-360.50	0.0	78.76	180.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	78.76	0.0	0.0	0.0	0.0	2489.74
						55.2	78.76	-180.25	0.0	0.0	0.0	0.0
7	86	1960.31	0.0	0.0	-283.85	0.0	90.17	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	90.17	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	90.17	-141.92	0.0	0.0	0.0	0.0
7	87	2225.02	0.0	0.0	-322.18	0.0	85.72	161.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	85.72	-1.38e-06	0.0	0.0	0.0	2225.02
						55.2	85.72	-161.09	0.0	0.0	0.0	0.0
7	91	1960.31	0.0	0.0	-283.85	0.0	90.17	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	90.17	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	90.17	-141.92	0.0	0.0	0.0	0.0
7	92	2119.14	0.0	0.0	-306.84	0.0	87.50	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	87.50	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	87.50	-153.42	0.0	0.0	0.0	0.0
8	7	1499.34	0.0	0.0	-292.55	0.0	35.04	146.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	35.04	0.0	0.0	0.0	0.0	1499.34
						41.0	35.04	-146.28	0.0	0.0	0.0	0.0
8	9	1420.86	0.0	0.0	-277.24	0.0	52.25	138.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	52.25	0.0	0.0	0.0	0.0	1420.86
						41.0	52.25	-138.62	0.0	0.0	0.0	0.0
8	20	1166.98	0.0	0.0	-227.70	0.0	-30.17	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	-30.17	0.0	0.0	0.0	0.0	1166.98
						41.0	-30.17	-113.85	0.0	0.0	0.0	0.0
8	21	1166.98	0.0	0.0	-227.70	0.0	106.16	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	106.16	0.0	0.0	0.0	0.0	1166.98
						41.0	106.16	-113.85	0.0	0.0	0.0	0.0
8	52	1166.98	0.0	0.0	-227.70	0.0	-48.59	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	-48.59	0.0	0.0	0.0	0.0	1166.98
						41.0	-48.59	-113.85	0.0	0.0	0.0	0.0
8	53	1166.98	0.0	0.0	-227.70	0.0	124.58	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	124.58	0.0	0.0	0.0	0.0	1166.98
						41.0	124.58	-113.85	0.0	0.0	0.0	0.0
8	81	1371.06	0.0	0.0	-267.52	0.0	36.44	133.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	36.44	0.0	0.0	0.0	0.0	1371.06
						41.0	36.44	-133.76	0.0	0.0	0.0	0.0
8	83	1079.51	0.0	0.0	-210.64	0.0	39.80	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	39.80	0.0	0.0	0.0	0.0	1079.51
						41.0	39.80	-105.32	0.0	0.0	0.0	0.0
8	87	1225.29	0.0	0.0	-239.08	0.0	37.55	119.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	37.55	0.0	0.0	0.0	0.0	1225.29
						41.0	37.55	-119.54	0.0	0.0	0.0	0.0
8	88	1079.51	0.0	0.0	-210.64	0.0	38.89	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	38.89	0.0	0.0	0.0	0.0	1079.51
						41.0	38.89	-105.32	0.0	0.0	0.0	0.0
8	91	1079.51	0.0	0.0	-210.64	0.0	38.66	105.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	38.66	0.0	0.0	0.0	0.0	1079.51

						41.0	38.66	-105.32	0.0	0.0	0.0	0.0
8	92	1166.98	0.0	0.0	-227.70	0.0	37.99	113.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.5	37.99	0.0	0.0	0.0	0.0	1166.98
						41.0	37.99	-113.85	0.0	0.0	0.0	0.0
9	5	2003.43	0.0	0.0	-284.62	0.0	130.43	142.31	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	130.43	-1.09e-06	0.0	0.0	0.0	2003.43
						56.3	130.43	-142.31	0.0	0.0	0.0	0.0
9	11	3257.84	0.0	0.0	-462.82	0.0	193.50	231.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	193.50	-2.88e-06	0.0	0.0	0.0	3257.84
						56.3	193.50	-231.41	0.0	0.0	0.0	0.0
9	31	2201.43	0.0	0.0	-312.74	0.0	262.17	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	262.17	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	262.17	-156.37	0.0	0.0	0.0	0.0
9	34	2201.43	0.0	0.0	-312.74	0.0	4.89	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	4.89	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	4.89	-156.37	0.0	0.0	0.0	0.0
9	63	2201.43	0.0	0.0	-312.74	0.0	296.93	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	296.93	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	296.93	-156.37	0.0	0.0	0.0	0.0
9	66	2201.43	0.0	0.0	-312.74	0.0	-29.87	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	-29.87	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	-29.87	-156.37	0.0	0.0	0.0	0.0
9	79	2036.43	0.0	0.0	-289.30	0.0	131.55	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	131.55	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	131.55	-144.65	0.0	0.0	0.0	0.0
9	85	2421.42	0.0	0.0	-344.00	0.0	145.79	172.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	145.79	-2.09e-06	0.0	0.0	0.0	2421.42
						56.3	145.79	-172.00	0.0	0.0	0.0	0.0
9	86	2036.43	0.0	0.0	-289.30	0.0	131.55	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	131.55	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	131.55	-144.65	0.0	0.0	0.0	0.0
9	90	2201.43	0.0	0.0	-312.74	0.0	135.45	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	135.45	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	135.45	-156.37	0.0	0.0	0.0	0.0
9	91	2036.43	0.0	0.0	-289.30	0.0	131.55	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	131.55	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	131.55	-144.65	0.0	0.0	0.0	0.0
9	92	2201.43	0.0	0.0	-312.74	0.0	133.53	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	133.53	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	133.53	-156.37	0.0	0.0	0.0	0.0
10	7	530.67	0.0	0.0	-95.76	0.0	-15.98	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-15.98	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-15.98	-47.88	0.0	0.0	0.0	0.0
10	9	689.87	0.0	0.0	-124.49	0.0	-29.58	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-29.58	1.39e-06	0.0	0.0	0.0	689.87
						44.3	-29.58	-62.24	0.0	0.0	0.0	0.0
10	15	530.67	0.0	0.0	-95.76	0.0	5.71	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	5.71	1.07e-06	0.0	0.0	0.0	530.67
						44.3	5.71	-47.88	0.0	0.0	0.0	0.0
10	18	530.67	0.0	0.0	-95.76	0.0	-47.27	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-47.27	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-47.27	-47.88	0.0	0.0	0.0	0.0
10	47	530.67	0.0	0.0	-95.76	0.0	12.87	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	12.87	1.07e-06	0.0	0.0	0.0	530.67
						44.3	12.87	-47.88	0.0	0.0	0.0	0.0
10	50	530.67	0.0	0.0	-95.76	0.0	-54.43	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-54.43	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-54.43	-47.88	0.0	0.0	0.0	0.0
10	81	530.67	0.0	0.0	-95.76	0.0	-18.05	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-18.05	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-18.05	-47.88	0.0	0.0	0.0	0.0
10	83	530.67	0.0	0.0	-95.76	0.0	-22.56	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-22.56	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-22.56	-47.88	0.0	0.0	0.0	0.0
10	87	530.67	0.0	0.0	-95.76	0.0	-20.00	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-20.00	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-20.00	-47.88	0.0	0.0	0.0	0.0
10	88	530.67	0.0	0.0	-95.76	0.0	-22.07	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-22.07	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-22.07	-47.88	0.0	0.0	0.0	0.0
10	91	530.67	0.0	0.0	-95.76	0.0	-21.95	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-21.95	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-21.95	-47.88	0.0	0.0	0.0	0.0
10	92	530.67	0.0	0.0	-95.76	0.0	-20.78	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-20.78	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-20.78	-47.88	0.0	0.0	0.0	0.0
11	1	2892.64	0.0	0.0	-395.58	0.0	54.12	197.79	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	29.2	54.12	2.94e-06	0.0	0.0	0.0	2892.64
						58.5	54.12	-197.79	0.0	0.0	0.0	0.0
11	8	3052.42	0.0	0.0	-417.43	0.0	20.95	208.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	20.95	0.0	0.0	0.0	0.0	3052.42
						58.5	20.95	-208.71	0.0	0.0	0.0	0.0
11	15	2375.78	0.0	0.0	-324.89	0.0	-54.25	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-54.25	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-54.25	-162.45	0.0	0.0	0.0	0.0
11	18	2375.78	0.0	0.0	-324.89	0.0	131.26	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	131.26	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	131.26	-162.45	0.0	0.0	0.0	0.0
11	47	2375.78	0.0	0.0	-324.89	0.0	-79.31	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-79.31	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-79.31	-162.45	0.0	0.0	0.0	0.0
11	50	2375.78	0.0	0.0	-324.89	0.0	156.32	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	156.32	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	156.32	-162.45	0.0	0.0	0.0	0.0
11	79	2197.72	0.0	0.0	-300.54	0.0	42.23	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	42.23	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	42.23	-150.27	0.0	0.0	0.0	0.0
11	82	2791.26	0.0	0.0	-381.71	0.0	27.52	190.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	27.52	0.0	0.0	0.0	0.0	2791.26
						58.5	27.52	-190.86	0.0	0.0	0.0	0.0
11	86	2197.72	0.0	0.0	-300.54	0.0	42.23	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	42.23	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	42.23	-150.27	0.0	0.0	0.0	0.0
11	87	2494.49	0.0	0.0	-341.13	0.0	36.02	170.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	36.02	1.57e-06	0.0	0.0	0.0	2494.49
						58.5	36.02	-170.56	0.0	0.0	0.0	0.0
11	91	2197.72	0.0	0.0	-300.54	0.0	42.23	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	42.23	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	42.23	-150.27	0.0	0.0	0.0	0.0
11	92	2375.78	0.0	0.0	-324.89	0.0	38.50	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	38.50	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	38.50	-162.45	0.0	0.0	0.0	0.0
12	1	2113.12	0.0	0.0	-338.10	0.0	79.40	169.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	79.40	-3.60e-06	0.0	0.0	0.0	2113.12
						50.0	79.40	-169.05	0.0	0.0	0.0	0.0
12	8	2229.84	0.0	0.0	-356.77	0.0	46.78	178.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	46.78	-2.77e-06	0.0	0.0	0.0	2229.84
						50.0	46.78	-178.39	0.0	0.0	0.0	0.0
12	24	1735.54	0.0	0.0	-277.69	0.0	-12.26	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-12.26	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-12.26	-138.84	0.0	0.0	0.0	0.0
12	25	1735.54	0.0	0.0	-277.69	0.0	129.57	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	129.57	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	129.57	-138.84	0.0	0.0	0.0	0.0
12	56	1735.54	0.0	0.0	-277.69	0.0	-31.44	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-31.44	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	-31.44	-138.84	0.0	0.0	0.0	0.0
12	57	1735.54	0.0	0.0	-277.69	0.0	148.75	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	148.75	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	148.75	-138.84	0.0	0.0	0.0	0.0
12	79	1605.46	0.0	0.0	-256.87	0.0	61.43	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	61.43	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	61.43	-128.44	0.0	0.0	0.0	0.0
12	82	2039.06	0.0	0.0	-326.25	0.0	51.36	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	51.36	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	51.36	-163.12	0.0	0.0	0.0	0.0
12	86	1605.46	0.0	0.0	-256.87	0.0	61.43	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	61.43	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	61.43	-128.44	0.0	0.0	0.0	0.0
12	87	1822.26	0.0	0.0	-291.56	0.0	56.80	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	56.80	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	56.80	-145.78	0.0	0.0	0.0	0.0
12	91	1605.46	0.0	0.0	-256.87	0.0	61.43	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	61.43	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	61.43	-128.44	0.0	0.0	0.0	0.0
12	92	1735.54	0.0	0.0	-277.69	0.0	58.65	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	58.65	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	58.65	-138.84	0.0	0.0	0.0	0.0
13	1	1285.62	0.0	0.0	-263.72	0.0	28.95	131.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	28.95	0.0	0.0	0.0	0.0	1285.62
						39.0	28.95	-131.86	0.0	0.0	0.0	0.0
13	14	1237.92	0.0	0.0	-253.93	0.0	-27.16	126.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-27.16	0.0	0.0	0.0	0.0	1237.92
						39.0	-27.16	-126.97	0.0	0.0	0.0	0.0

13	31	1055.90	0.0	0.0	-216.60	0.0	-34.12	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-34.12	0.0	0.0	0.0	0.0	1055.90
						39.0	-34.12	-108.30	0.0	0.0	0.0	0.0
13	34	1055.90	0.0	0.0	-216.60	0.0	74.49	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	74.49	0.0	0.0	0.0	0.0	1055.90
						39.0	74.49	-108.30	0.0	0.0	0.0	0.0
13	63	1055.90	0.0	0.0	-216.60	0.0	-48.80	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-48.80	0.0	0.0	0.0	0.0	1055.90
						39.0	-48.80	-108.30	0.0	0.0	0.0	0.0
13	66	1055.90	0.0	0.0	-216.60	0.0	89.17	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	89.17	0.0	0.0	0.0	0.0	1055.90
						39.0	89.17	-108.30	0.0	0.0	0.0	0.0
13	79	976.76	0.0	0.0	-200.36	0.0	22.75	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	22.75	0.0	0.0	0.0	0.0	976.76
						39.0	22.75	-100.18	0.0	0.0	0.0	0.0
13	85	1161.42	0.0	0.0	-238.24	0.0	-10.93	119.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-10.93	0.0	0.0	0.0	0.0	1161.42
						39.0	-10.93	-119.12	0.0	0.0	0.0	0.0
13	86	976.76	0.0	0.0	-200.36	0.0	22.75	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	22.75	0.0	0.0	0.0	0.0	976.76
						39.0	22.75	-100.18	0.0	0.0	0.0	0.0
13	90	1055.90	0.0	0.0	-216.60	0.0	14.64	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	14.64	0.0	0.0	0.0	0.0	1055.90
						39.0	14.64	-108.30	0.0	0.0	0.0	0.0
13	91	976.76	0.0	0.0	-200.36	0.0	22.75	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	22.75	0.0	0.0	0.0	0.0	976.76
						39.0	22.75	-100.18	0.0	0.0	0.0	0.0
13	92	1055.90	0.0	0.0	-216.60	0.0	20.19	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	20.19	0.0	0.0	0.0	0.0	1055.90
						39.0	20.19	-108.30	0.0	0.0	0.0	0.0
14	5	2003.43	0.0	0.0	-284.62	0.0	125.95	142.31	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	125.95	-1.09e-06	0.0	0.0	0.0	2003.43
						56.3	125.95	-142.31	0.0	0.0	0.0	0.0
14	11	3257.84	0.0	0.0	-462.82	0.0	189.90	231.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	189.90	-2.88e-06	0.0	0.0	0.0	3257.84
						56.3	189.90	-231.41	0.0	0.0	0.0	0.0
14	36	2201.43	0.0	0.0	-312.74	0.0	8.61	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	8.61	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	8.61	-156.37	0.0	0.0	0.0	0.0
14	37	2201.43	0.0	0.0	-312.74	0.0	249.02	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	249.02	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	249.02	-156.37	0.0	0.0	0.0	0.0
14	68	2201.43	0.0	0.0	-312.74	0.0	-23.88	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	-23.88	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	-23.88	-156.37	0.0	0.0	0.0	0.0
14	69	2201.43	0.0	0.0	-312.74	0.0	281.50	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	281.50	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	281.50	-156.37	0.0	0.0	0.0	0.0
14	79	2036.43	0.0	0.0	-289.30	0.0	127.03	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	127.03	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	127.03	-144.65	0.0	0.0	0.0	0.0
14	85	2421.42	0.0	0.0	-344.00	0.0	142.82	172.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	142.82	-2.09e-06	0.0	0.0	0.0	2421.42
						56.3	142.82	-172.00	0.0	0.0	0.0	0.0
14	86	2036.43	0.0	0.0	-289.30	0.0	127.03	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	127.03	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	127.03	-144.65	0.0	0.0	0.0	0.0
14	90	2201.43	0.0	0.0	-312.74	0.0	131.14	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	131.14	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	131.14	-156.37	0.0	0.0	0.0	0.0
14	91	2036.43	0.0	0.0	-289.30	0.0	127.03	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	127.03	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	127.03	-144.65	0.0	0.0	0.0	0.0
14	92	2201.43	0.0	0.0	-312.74	0.0	128.81	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	128.81	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	128.81	-156.37	0.0	0.0	0.0	0.0
15	5	530.67	0.0	0.0	-95.76	0.0	-39.92	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-39.92	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-39.92	-47.88	0.0	0.0	0.0	0.0
15	11	689.87	0.0	0.0	-124.49	0.0	-77.39	62.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-77.39	1.39e-06	0.0	0.0	0.0	689.87
						44.3	-77.39	-62.24	0.0	0.0	0.0	0.0
15	15	530.67	0.0	0.0	-95.76	0.0	-14.26	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-14.26	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-14.26	-47.88	0.0	0.0	0.0	0.0
15	18	530.67	0.0	0.0	-95.76	0.0	-69.17	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-69.17	1.07e-06	0.0	0.0	0.0	530.67

						44.3	-69.17	-47.88	0.0	0.0	0.0	0.0
15	47	530.67	0.0	0.0	-95.76	0.0	-6.84	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-6.84	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-6.84	-47.88	0.0	0.0	0.0	0.0
15	50	530.67	0.0	0.0	-95.76	0.0	-76.58	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-76.58	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-76.58	-47.88	0.0	0.0	0.0	0.0
15	79	530.67	0.0	0.0	-95.76	0.0	-41.17	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-41.17	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-41.17	-47.88	0.0	0.0	0.0	0.0
15	85	530.67	0.0	0.0	-95.76	0.0	-56.25	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-56.25	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-56.25	-47.88	0.0	0.0	0.0	0.0
15	86	530.67	0.0	0.0	-95.76	0.0	-41.17	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-41.17	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-41.17	-47.88	0.0	0.0	0.0	0.0
15	90	530.67	0.0	0.0	-95.76	0.0	-44.47	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-44.47	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-44.47	-47.88	0.0	0.0	0.0	0.0
15	91	530.67	0.0	0.0	-95.76	0.0	-41.17	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-41.17	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-41.17	-47.88	0.0	0.0	0.0	0.0
15	92	530.67	0.0	0.0	-95.76	0.0	-41.71	47.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.2	-41.71	1.07e-06	0.0	0.0	0.0	530.67
						44.3	-41.71	-47.88	0.0	0.0	0.0	0.0
16	5	1195.48	0.0	0.0	-219.86	0.0	-71.56	109.93	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-71.56	-1.17e-06	0.0	0.0	0.0	1195.48
						43.5	-71.56	-109.93	0.0	0.0	0.0	0.0
16	11	1944.01	0.0	0.0	-357.52	0.0	-185.58	178.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-185.58	-1.24e-06	0.0	0.0	0.0	1944.01
						43.5	-185.58	-178.76	0.0	0.0	0.0	0.0
16	15	1313.63	0.0	0.0	-241.59	0.0	-65.00	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-65.00	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-65.00	-120.79	0.0	0.0	0.0	0.0
16	18	1313.63	0.0	0.0	-241.59	0.0	-102.13	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-102.13	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-102.13	-120.79	0.0	0.0	0.0	0.0
16	47	1313.63	0.0	0.0	-241.59	0.0	-59.98	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-59.98	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-59.98	-120.79	0.0	0.0	0.0	0.0
16	50	1313.63	0.0	0.0	-241.59	0.0	-107.14	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-107.14	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-107.14	-120.79	0.0	0.0	0.0	0.0
16	79	1215.17	0.0	0.0	-223.48	0.0	-75.55	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-75.55	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-75.55	-111.74	0.0	0.0	0.0	0.0
16	85	1444.90	0.0	0.0	-265.73	0.0	-131.13	132.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-131.13	0.0	0.0	0.0	0.0	1444.90
						43.5	-131.13	-132.86	0.0	0.0	0.0	0.0
16	86	1215.17	0.0	0.0	-223.48	0.0	-75.55	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-75.55	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-75.55	-111.74	0.0	0.0	0.0	0.0
16	90	1313.63	0.0	0.0	-241.59	0.0	-90.94	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-90.94	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-90.94	-120.79	0.0	0.0	0.0	0.0
16	91	1215.17	0.0	0.0	-223.48	0.0	-75.55	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-75.55	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-75.55	-111.74	0.0	0.0	0.0	0.0
16	92	1313.63	0.0	0.0	-241.59	0.0	-83.56	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-83.56	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-83.56	-120.79	0.0	0.0	0.0	0.0
17	5	1195.48	0.0	0.0	-219.86	0.0	-53.07	109.93	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-53.07	-1.17e-06	0.0	0.0	0.0	1195.48
						43.5	-53.07	-109.93	0.0	0.0	0.0	0.0
17	11	1944.01	0.0	0.0	-357.52	0.0	-96.20	178.76	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-96.20	-1.24e-06	0.0	0.0	0.0	1944.01
						43.5	-96.20	-178.76	0.0	0.0	0.0	0.0
17	20	1313.63	0.0	0.0	-241.59	0.0	-29.87	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-29.87	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-29.87	-120.79	0.0	0.0	0.0	0.0
17	21	1313.63	0.0	0.0	-241.59	0.0	-85.02	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-85.02	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-85.02	-120.79	0.0	0.0	0.0	0.0
17	52	1313.63	0.0	0.0	-241.59	0.0	-22.42	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-22.42	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-22.42	-120.79	0.0	0.0	0.0	0.0
17	53	1313.63	0.0	0.0	-241.59	0.0	-92.47	120.79	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	21.8	-92.47	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-92.47	-120.79	0.0	0.0	0.0	0.0
17	79	1215.17	0.0	0.0	-223.48	0.0	-54.39	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-54.39	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-54.39	-111.74	0.0	0.0	0.0	0.0
17	85	1444.90	0.0	0.0	-265.73	0.0	-70.51	132.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-70.51	0.0	0.0	0.0	0.0	1444.90
						43.5	-70.51	-132.86	0.0	0.0	0.0	0.0
17	86	1215.17	0.0	0.0	-223.48	0.0	-54.39	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-54.39	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-54.39	-111.74	0.0	0.0	0.0	0.0
17	87	1379.27	0.0	0.0	-253.66	0.0	-59.49	126.83	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-59.49	-1.03e-06	0.0	0.0	0.0	1379.27
						43.5	-59.49	-126.83	0.0	0.0	0.0	0.0
17	91	1215.17	0.0	0.0	-223.48	0.0	-54.39	111.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-54.39	-1.22e-06	0.0	0.0	0.0	1215.17
						43.5	-54.39	-111.74	0.0	0.0	0.0	0.0
17	92	1313.63	0.0	0.0	-241.59	0.0	-57.45	120.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	21.8	-57.45	-1.11e-06	0.0	0.0	0.0	1313.63
						43.5	-57.45	-120.79	0.0	0.0	0.0	0.0
18	3	2763.51	0.0	0.0	-442.16	0.0	268.79	221.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	268.79	-3.60e-06	0.0	0.0	0.0	2763.51
						50.0	268.79	-221.08	0.0	0.0	0.0	0.0
18	12	1579.45	0.0	0.0	-252.71	0.0	167.90	126.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	167.90	-2.77e-06	0.0	0.0	0.0	1579.45
						50.0	167.90	-126.36	0.0	0.0	0.0	0.0
18	31	1735.54	0.0	0.0	-277.69	0.0	315.86	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	315.86	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	315.86	-138.84	0.0	0.0	0.0	0.0
18	34	1735.54	0.0	0.0	-277.69	0.0	61.89	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	61.89	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	61.89	-138.84	0.0	0.0	0.0	0.0
18	63	1735.54	0.0	0.0	-277.69	0.0	350.16	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	350.16	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	350.16	-138.84	0.0	0.0	0.0	0.0
18	66	1735.54	0.0	0.0	-277.69	0.0	27.58	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	27.58	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	27.58	-138.84	0.0	0.0	0.0	0.0
18	81	2039.06	0.0	0.0	-326.25	0.0	201.73	163.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	201.73	-2.77e-06	0.0	0.0	0.0	2039.06
						50.0	201.73	-163.12	0.0	0.0	0.0	0.0
18	83	1605.46	0.0	0.0	-256.87	0.0	174.97	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	174.97	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	174.97	-128.44	0.0	0.0	0.0	0.0
18	87	1822.26	0.0	0.0	-291.56	0.0	192.55	145.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	192.55	-2.77e-06	0.0	0.0	0.0	1822.26
						50.0	192.55	-145.78	0.0	0.0	0.0	0.0
18	88	1605.46	0.0	0.0	-256.87	0.0	181.69	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	181.69	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	181.69	-128.44	0.0	0.0	0.0	0.0
18	91	1605.46	0.0	0.0	-256.87	0.0	183.36	128.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	183.36	-2.77e-06	0.0	0.0	0.0	1605.46
						50.0	183.36	-128.44	0.0	0.0	0.0	0.0
18	92	1735.54	0.0	0.0	-277.69	0.0	188.87	138.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	188.87	-2.77e-06	0.0	0.0	0.0	1735.54
						50.0	188.87	-138.84	0.0	0.0	0.0	0.0
19	1	1285.62	0.0	0.0	-263.72	0.0	38.14	131.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	38.14	0.0	0.0	0.0	0.0	1285.62
						39.0	38.14	-131.86	0.0	0.0	0.0	0.0
19	14	1237.92	0.0	0.0	-253.93	0.0	-5.53	126.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-5.53	0.0	0.0	0.0	0.0	1237.92
						39.0	-5.53	-126.97	0.0	0.0	0.0	0.0
19	15	1055.90	0.0	0.0	-216.60	0.0	-42.74	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-42.74	0.0	0.0	0.0	0.0	1055.90
						39.0	-42.74	-108.30	0.0	0.0	0.0	0.0
19	18	1055.90	0.0	0.0	-216.60	0.0	98.60	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	98.60	0.0	0.0	0.0	0.0	1055.90
						39.0	98.60	-108.30	0.0	0.0	0.0	0.0
19	47	1055.90	0.0	0.0	-216.60	0.0	-61.84	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-61.84	0.0	0.0	0.0	0.0	1055.90
						39.0	-61.84	-108.30	0.0	0.0	0.0	0.0
19	50	1055.90	0.0	0.0	-216.60	0.0	117.70	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	117.70	0.0	0.0	0.0	0.0	1055.90
						39.0	117.70	-108.30	0.0	0.0	0.0	0.0
19	79	976.76	0.0	0.0	-200.36	0.0	29.51	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	29.51	0.0	0.0	0.0	0.0	976.76
						39.0	29.51	-100.18	0.0	0.0	0.0	0.0

19	85	1161.42	0.0	0.0	-238.24	0.0	6.00	119.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	6.00	0.0	0.0	0.0	0.0	1161.42
						39.0	6.00	-119.12	0.0	0.0	0.0	0.0
19	86	976.76	0.0	0.0	-200.36	0.0	29.51	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	29.51	0.0	0.0	0.0	0.0	976.76
						39.0	29.51	-100.18	0.0	0.0	0.0	0.0
19	90	1055.90	0.0	0.0	-216.60	0.0	23.97	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	23.97	0.0	0.0	0.0	0.0	1055.90
						39.0	23.97	-108.30	0.0	0.0	0.0	0.0
19	91	976.76	0.0	0.0	-200.36	0.0	29.51	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	29.51	0.0	0.0	0.0	0.0	976.76
						39.0	29.51	-100.18	0.0	0.0	0.0	0.0
19	92	1055.90	0.0	0.0	-216.60	0.0	27.93	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	27.93	0.0	0.0	0.0	0.0	1055.90
						39.0	27.93	-108.30	0.0	0.0	0.0	0.0
20	5	1417.96	0.0	0.0	-239.44	0.0	138.14	119.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	138.14	0.0	0.0	0.0	0.0	1417.96
						47.4	138.14	-119.72	0.0	0.0	0.0	0.0
20	11	2305.79	0.0	0.0	-389.37	0.0	213.24	194.68	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	213.24	0.0	0.0	0.0	0.0	2305.79
						47.4	213.24	-194.68	0.0	0.0	0.0	0.0
20	31	1558.09	0.0	0.0	-263.11	0.0	242.04	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	242.04	0.0	0.0	0.0	0.0	1558.09
						47.4	242.04	-131.55	0.0	0.0	0.0	0.0
20	34	1558.09	0.0	0.0	-263.11	0.0	42.98	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	42.98	0.0	0.0	0.0	0.0	1558.09
						47.4	42.98	-131.55	0.0	0.0	0.0	0.0
20	63	1558.09	0.0	0.0	-263.11	0.0	268.94	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	268.94	0.0	0.0	0.0	0.0	1558.09
						47.4	268.94	-131.55	0.0	0.0	0.0	0.0
20	66	1558.09	0.0	0.0	-263.11	0.0	16.09	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	16.09	0.0	0.0	0.0	0.0	1558.09
						47.4	16.09	-131.55	0.0	0.0	0.0	0.0
20	79	1441.31	0.0	0.0	-243.39	0.0	139.62	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	139.62	0.0	0.0	0.0	0.0	1441.31
						47.4	139.62	-121.69	0.0	0.0	0.0	0.0
20	85	1713.80	0.0	0.0	-289.40	0.0	159.79	144.70	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	159.79	0.0	0.0	0.0	0.0	1713.80
						47.4	159.79	-144.70	0.0	0.0	0.0	0.0
20	86	1441.31	0.0	0.0	-243.39	0.0	139.62	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	139.62	0.0	0.0	0.0	0.0	1441.31
						47.4	139.62	-121.69	0.0	0.0	0.0	0.0
20	90	1558.09	0.0	0.0	-263.11	0.0	145.20	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	145.20	0.0	0.0	0.0	0.0	1558.09
						47.4	145.20	-131.55	0.0	0.0	0.0	0.0
20	91	1441.31	0.0	0.0	-243.39	0.0	139.62	121.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	139.62	0.0	0.0	0.0	0.0	1441.31
						47.4	139.62	-121.69	0.0	0.0	0.0	0.0
20	92	1558.09	0.0	0.0	-263.11	0.0	142.51	131.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.7	142.51	0.0	0.0	0.0	0.0	1558.09
						47.4	142.51	-131.55	0.0	0.0	0.0	0.0
21	7	877.23	0.0	0.0	-123.12	0.0	-12.89	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-12.89	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-12.89	-61.56	0.0	0.0	0.0	0.0
21	9	1140.40	0.0	0.0	-160.06	0.0	-27.42	80.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-27.42	1.79e-06	0.0	0.0	0.0	1140.40
						57.0	-27.42	-80.03	0.0	0.0	0.0	0.0
21	15	877.23	0.0	0.0	-123.12	0.0	17.42	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	17.42	1.37e-06	0.0	0.0	0.0	877.23
						57.0	17.42	-61.56	0.0	0.0	0.0	0.0
21	18	877.23	0.0	0.0	-123.12	0.0	-50.38	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-50.38	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-50.38	-61.56	0.0	0.0	0.0	0.0
21	47	877.23	0.0	0.0	-123.12	0.0	26.58	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	26.58	1.37e-06	0.0	0.0	0.0	877.23
						57.0	26.58	-61.56	0.0	0.0	0.0	0.0
21	50	877.23	0.0	0.0	-123.12	0.0	-59.54	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-59.54	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-59.54	-61.56	0.0	0.0	0.0	0.0
21	81	877.23	0.0	0.0	-123.12	0.0	-14.54	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-14.54	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-14.54	-61.56	0.0	0.0	0.0	0.0
21	83	877.23	0.0	0.0	-123.12	0.0	-20.41	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-20.41	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-20.41	-61.56	0.0	0.0	0.0	0.0
21	87	877.23	0.0	0.0	-123.12	0.0	-15.93	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-15.93	1.37e-06	0.0	0.0	0.0	877.23

						57.0	-15.93	-61.56	0.0	0.0	0.0	0.0
21	88	877.23	0.0	0.0	-123.12	0.0	-17.93	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-17.93	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-17.93	-61.56	0.0	0.0	0.0	0.0
21	91	877.23	0.0	0.0	-123.12	0.0	-17.31	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-17.31	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-17.31	-61.56	0.0	0.0	0.0	0.0
21	92	877.23	0.0	0.0	-123.12	0.0	-16.48	61.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.5	-16.48	1.37e-06	0.0	0.0	0.0	877.23
						57.0	-16.48	-61.56	0.0	0.0	0.0	0.0
22	5	2162.10	0.0	0.0	-295.67	0.0	-71.79	147.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-71.79	2.43e-06	0.0	0.0	0.0	2162.10
						58.5	-71.79	-147.84	0.0	0.0	0.0	0.0
22	11	3515.87	0.0	0.0	-480.80	0.0	-172.98	240.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-172.98	1.34e-06	0.0	0.0	0.0	3515.87
						58.5	-172.98	-240.40	0.0	0.0	0.0	0.0
22	31	2375.78	0.0	0.0	-324.89	0.0	-129.64	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-129.64	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-129.64	-162.45	0.0	0.0	0.0	0.0
22	34	2375.78	0.0	0.0	-324.89	0.0	-36.93	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-36.93	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-36.93	-162.45	0.0	0.0	0.0	0.0
22	63	2375.78	0.0	0.0	-324.89	0.0	-142.17	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-142.17	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-142.17	-162.45	0.0	0.0	0.0	0.0
22	66	2375.78	0.0	0.0	-324.89	0.0	-24.40	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-24.40	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-24.40	-162.45	0.0	0.0	0.0	0.0
22	79	2197.72	0.0	0.0	-300.54	0.0	-74.99	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-74.99	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-74.99	-150.27	0.0	0.0	0.0	0.0
22	85	2613.20	0.0	0.0	-357.36	0.0	-123.19	178.68	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-123.19	1.27e-06	0.0	0.0	0.0	2613.20
						58.5	-123.19	-178.68	0.0	0.0	0.0	0.0
22	86	2197.72	0.0	0.0	-300.54	0.0	-74.99	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-74.99	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-74.99	-150.27	0.0	0.0	0.0	0.0
22	90	2375.78	0.0	0.0	-324.89	0.0	-89.05	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-89.05	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-89.05	-162.45	0.0	0.0	0.0	0.0
22	91	2197.72	0.0	0.0	-300.54	0.0	-74.99	150.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-74.99	2.33e-06	0.0	0.0	0.0	2197.72
						58.5	-74.99	-150.27	0.0	0.0	0.0	0.0
22	92	2375.78	0.0	0.0	-324.89	0.0	-83.28	162.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	29.2	-83.28	1.88e-06	0.0	0.0	0.0	2375.78
						58.5	-83.28	-162.45	0.0	0.0	0.0	0.0
23	4	3144.22	0.0	0.0	-471.64	0.0	185.06	235.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	185.06	0.0	0.0	0.0	0.0	3144.22
						53.3	185.06	-235.82	0.0	0.0	0.0	0.0
23	5	1797.04	0.0	0.0	-269.56	0.0	124.89	134.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	124.89	1.76e-06	0.0	0.0	0.0	1797.04
						53.3	124.89	-134.78	0.0	0.0	0.0	0.0
23	35	1974.63	0.0	0.0	-296.20	0.0	209.04	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	209.04	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	209.04	-148.10	0.0	0.0	0.0	0.0
23	38	1974.63	0.0	0.0	-296.20	0.0	51.26	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	51.26	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	51.26	-148.10	0.0	0.0	0.0	0.0
23	67	1974.63	0.0	0.0	-296.20	0.0	230.36	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	230.36	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	230.36	-148.10	0.0	0.0	0.0	0.0
23	70	1974.63	0.0	0.0	-296.20	0.0	29.93	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	29.93	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	29.93	-148.10	0.0	0.0	0.0	0.0
23	79	1826.64	0.0	0.0	-274.00	0.0	126.86	137.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	126.86	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	126.86	-137.00	0.0	0.0	0.0	0.0
23	82	2319.96	0.0	0.0	-348.00	0.0	138.97	174.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	138.97	0.0	0.0	0.0	0.0	2319.96
						53.3	138.97	-174.00	0.0	0.0	0.0	0.0
23	86	1826.64	0.0	0.0	-274.00	0.0	126.86	137.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	126.86	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	126.86	-137.00	0.0	0.0	0.0	0.0
23	87	2073.30	0.0	0.0	-311.00	0.0	132.34	155.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	132.34	1.07e-06	0.0	0.0	0.0	2073.30
						53.3	132.34	-155.50	0.0	0.0	0.0	0.0
23	91	1826.64	0.0	0.0	-274.00	0.0	126.86	137.00	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	26.7	126.86	1.79e-06	0.0	0.0	0.0	1826.64
						53.3	126.86	-137.00	0.0	0.0	0.0	0.0
23	92	1974.63	0.0	0.0	-296.20	0.0	130.15	148.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.7	130.15	1.36e-06	0.0	0.0	0.0	1974.63
						53.3	130.15	-148.10	0.0	0.0	0.0	0.0
24	3	1681.32	0.0	0.0	-344.89	0.0	122.87	172.44	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	122.87	0.0	0.0	0.0	0.0	1681.32
						39.0	122.87	-172.44	0.0	0.0	0.0	0.0
24	12	960.93	0.0	0.0	-197.11	0.0	73.17	98.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	73.17	0.0	0.0	0.0	0.0	960.93
						39.0	73.17	-98.56	0.0	0.0	0.0	0.0
24	31	1055.90	0.0	0.0	-216.60	0.0	-0.21	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-0.21	0.0	0.0	0.0	0.0	1055.90
						39.0	-0.21	-108.30	0.0	0.0	0.0	0.0
24	34	1055.90	0.0	0.0	-216.60	0.0	171.36	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	171.36	0.0	0.0	0.0	0.0	1055.90
						39.0	171.36	-108.30	0.0	0.0	0.0	0.0
24	63	1055.90	0.0	0.0	-216.60	0.0	-23.40	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	-23.40	0.0	0.0	0.0	0.0	1055.90
						39.0	-23.40	-108.30	0.0	0.0	0.0	0.0
24	66	1055.90	0.0	0.0	-216.60	0.0	194.54	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	194.54	0.0	0.0	0.0	0.0	1055.90
						39.0	194.54	-108.30	0.0	0.0	0.0	0.0
24	81	1240.56	0.0	0.0	-254.47	0.0	91.91	127.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	91.91	0.0	0.0	0.0	0.0	1240.56
						39.0	91.91	-127.24	0.0	0.0	0.0	0.0
24	83	976.76	0.0	0.0	-200.36	0.0	77.44	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	77.44	0.0	0.0	0.0	0.0	976.76
						39.0	77.44	-100.18	0.0	0.0	0.0	0.0
24	87	1108.66	0.0	0.0	-227.42	0.0	87.38	113.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	87.38	0.0	0.0	0.0	0.0	1108.66
						39.0	87.38	-113.71	0.0	0.0	0.0	0.0
24	88	976.76	0.0	0.0	-200.36	0.0	81.77	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	81.77	0.0	0.0	0.0	0.0	976.76
						39.0	81.77	-100.18	0.0	0.0	0.0	0.0
24	91	976.76	0.0	0.0	-200.36	0.0	82.86	100.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	82.86	0.0	0.0	0.0	0.0	976.76
						39.0	82.86	-100.18	0.0	0.0	0.0	0.0
24	92	1055.90	0.0	0.0	-216.60	0.0	85.57	108.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.5	85.57	0.0	0.0	0.0	0.0	1055.90
						39.0	85.57	-108.30	0.0	0.0	0.0	0.0
25	7	2828.41	0.0	0.0	-401.82	0.0	149.78	200.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	149.78	-3.38e-06	0.0	0.0	0.0	2828.41
						56.3	149.78	-200.91	0.0	0.0	0.0	0.0
25	9	2680.36	0.0	0.0	-380.78	0.0	208.72	190.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	208.72	-1.27e-06	0.0	0.0	0.0	2680.36
						56.3	208.72	-190.39	0.0	0.0	0.0	0.0
25	36	2201.43	0.0	0.0	-312.74	0.0	56.92	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	56.92	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	56.92	-156.37	0.0	0.0	0.0	0.0
25	37	2201.43	0.0	0.0	-312.74	0.0	250.86	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	250.86	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	250.86	-156.37	0.0	0.0	0.0	0.0
25	68	2201.43	0.0	0.0	-312.74	0.0	30.72	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	30.72	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	30.72	-156.37	0.0	0.0	0.0	0.0
25	69	2201.43	0.0	0.0	-312.74	0.0	277.06	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	277.06	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	277.06	-156.37	0.0	0.0	0.0	0.0
25	81	2586.42	0.0	0.0	-367.44	0.0	151.70	183.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	151.70	-2.55e-06	0.0	0.0	0.0	2586.42
						56.3	151.70	-183.72	0.0	0.0	0.0	0.0
25	83	2036.43	0.0	0.0	-289.30	0.0	159.56	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	159.56	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	159.56	-144.65	0.0	0.0	0.0	0.0
25	87	2311.42	0.0	0.0	-328.37	0.0	153.26	164.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	153.26	-1.79e-06	0.0	0.0	0.0	2311.42
						56.3	153.26	-164.19	0.0	0.0	0.0	0.0
25	88	2036.43	0.0	0.0	-289.30	0.0	155.77	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	155.77	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	155.77	-144.65	0.0	0.0	0.0	0.0
25	91	2036.43	0.0	0.0	-289.30	0.0	154.83	144.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	154.83	-1.03e-06	0.0	0.0	0.0	2036.43
						56.3	154.83	-144.65	0.0	0.0	0.0	0.0
25	92	2201.43	0.0	0.0	-312.74	0.0	153.89	156.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	28.2	153.89	-1.48e-06	0.0	0.0	0.0	2201.43
						56.3	153.89	-156.37	0.0	0.0	0.0	0.0

26	7	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-66.35 -66.35 -66.35	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	9	1140.40 0.0	0.0 0.0	0.0 0.0	-160.06 0.0	0.0 28.5 57.0	-99.08 -99.08 -99.08	80.03 1.79e-06 -80.03	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1140.40 0.0
26	28	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-26.12 -26.12 -26.12	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	29	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-117.35 -117.35 -117.35	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	60	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-13.80 -13.80 -13.80	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	61	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-129.68 -129.68 -129.68	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	81	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-69.00 -69.00 -69.00	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	83	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-75.31 -75.31 -75.31	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	87	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-70.96 -70.96 -70.96	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	88	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-73.39 -73.39 -73.39	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	91	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-72.91 -72.91 -72.91	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
26	92	877.23 0.0	0.0 0.0	0.0 0.0	-123.12 0.0	0.0 28.5 57.0	-71.74 -71.74 -71.74	61.56 1.37e-06 -61.56	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 877.23 0.0
27	4	88.30 0.0	0.0 0.0	0.0 0.0	-79.04 0.0	0.0 4.5 8.9	-202.22 -202.22 -202.22	39.52 0.0 -39.52	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 88.30 0.0
27	5	50.47 0.0	0.0 0.0	0.0 0.0	-45.17 0.0	0.0 4.5 8.9	-102.56 -102.56 -102.56	22.59 0.0 -22.59	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 50.47 0.0
27	36	55.45 0.0	0.0 0.0	0.0 0.0	-49.64 0.0	0.0 4.5 8.9	-255.37 -255.37 -255.37	24.82 0.0 -24.82	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 55.45 0.0
27	37	55.45 0.0	0.0 0.0	0.0 0.0	-49.64 0.0	0.0 4.5 8.9	24.05 24.05 24.05	24.82 0.0 -24.82	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 55.45 0.0
27	68	55.45 0.0	0.0 0.0	0.0 0.0	-49.64 0.0	0.0 4.5 8.9	-293.13 -293.13 -293.13	24.82 0.0 -24.82	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 55.45 0.0
27	69	55.45 0.0	0.0 0.0	0.0 0.0	-49.64 0.0	0.0 4.5 8.9	61.80 61.80 61.80	24.82 0.0 -24.82	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 55.45 0.0
27	79	51.30 0.0	0.0 0.0	0.0 0.0	-45.92 0.0	0.0 4.5 8.9	-106.09 -106.09 -106.09	22.96 0.0 -22.96	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 51.30 0.0
27	82	65.15 0.0	0.0 0.0	0.0 0.0	-58.32 0.0	0.0 4.5 8.9	-146.61 -146.61 -146.61	29.16 0.0 -29.16	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 65.15 0.0
27	86	51.30 0.0	0.0 0.0	0.0 0.0	-45.92 0.0	0.0 4.5 8.9	-106.09 -106.09 -106.09	22.96 0.0 -22.96	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 51.30 0.0
27	87	58.22 0.0	0.0 0.0	0.0 0.0	-52.12 0.0	0.0 4.5 8.9	-122.05 -122.05 -122.05	26.06 0.0 -26.06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 58.22 0.0
27	91	51.30 0.0	0.0 0.0	0.0 0.0	-45.92 0.0	0.0 4.5 8.9	-106.09 -106.09 -106.09	22.96 0.0 -22.96	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 51.30 0.0
27	92	55.45 0.0	0.0 0.0	0.0 0.0	-49.64 0.0	0.0 4.5 8.9	-115.66 -115.66 -115.66	24.82 0.0 -24.82	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 55.45 0.0
28	1	1263.76 0.0	0.0 0.0	0.0 0.0	-261.47 0.0	0.0 19.3 38.7	85.50 85.50 85.50	130.73 1.80e-06 -130.73	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1263.76 0.0
28	14	1216.87 0.0	0.0 0.0	0.0 0.0	-251.76 0.0	0.0 19.3	57.10 57.10	125.88 1.73e-06	0.0 0.0	0.0 0.0	0.0 0.0	0.0 1216.87

						38.7	57.10	-125.88	0.0	0.0	0.0	0.0
28	36	1037.95	0.0	0.0	-214.75	0.0	-63.04	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-63.04	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-63.04	-107.37	0.0	0.0	0.0	0.0
28	37	1037.95	0.0	0.0	-214.75	0.0	192.20	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	192.20	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	192.20	-107.37	0.0	0.0	0.0	0.0
28	68	1037.95	0.0	0.0	-214.75	0.0	-97.53	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-97.53	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	-97.53	-107.37	0.0	0.0	0.0	0.0
28	69	1037.95	0.0	0.0	-214.75	0.0	226.68	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	226.68	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	226.68	-107.37	0.0	0.0	0.0	0.0
28	79	960.15	0.0	0.0	-198.65	0.0	65.83	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	65.83	1.40e-06	0.0	0.0	0.0	960.15
						38.7	65.83	-99.33	0.0	0.0	0.0	0.0
28	85	1141.67	0.0	0.0	-236.21	0.0	59.96	118.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	59.96	1.61e-06	0.0	0.0	0.0	1141.67
						38.7	59.96	-118.10	0.0	0.0	0.0	0.0
28	86	960.15	0.0	0.0	-198.65	0.0	65.83	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	65.83	1.40e-06	0.0	0.0	0.0	960.15
						38.7	65.83	-99.33	0.0	0.0	0.0	0.0
28	87	1089.81	0.0	0.0	-225.48	0.0	63.74	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	63.74	1.55e-06	0.0	0.0	0.0	1089.81
						38.7	63.74	-112.74	0.0	0.0	0.0	0.0
28	91	960.15	0.0	0.0	-198.65	0.0	65.83	99.33	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	65.83	1.40e-06	0.0	0.0	0.0	960.15
						38.7	65.83	-99.33	0.0	0.0	0.0	0.0
28	92	1037.95	0.0	0.0	-214.75	0.0	64.58	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	64.58	1.49e-06	0.0	0.0	0.0	1037.95
						38.7	64.58	-107.37	0.0	0.0	0.0	0.0
29	3	1652.70	0.0	0.0	-341.94	0.0	270.56	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	270.56	-1.03e-06	0.0	0.0	0.0	1652.70
						38.7	270.56	-170.97	0.0	0.0	0.0	0.0
29	12	944.58	0.0	0.0	-195.43	0.0	159.93	97.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	159.93	-1.55e-06	0.0	0.0	0.0	944.58
						38.7	159.93	-97.72	0.0	0.0	0.0	0.0
29	36	1037.93	0.0	0.0	-214.74	0.0	314.03	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	314.03	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	314.03	-107.37	0.0	0.0	0.0	0.0
29	37	1037.93	0.0	0.0	-214.74	0.0	41.24	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	41.24	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	41.24	-107.37	0.0	0.0	0.0	0.0
29	68	1037.93	0.0	0.0	-214.74	0.0	350.88	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	350.88	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	350.88	-107.37	0.0	0.0	0.0	0.0
29	69	1037.93	0.0	0.0	-214.74	0.0	4.38	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	4.38	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	4.38	-107.37	0.0	0.0	0.0	0.0
29	81	1219.45	0.0	0.0	-252.30	0.0	199.82	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	199.82	0.0	0.0	0.0	0.0	1219.45
						38.7	199.82	-126.15	0.0	0.0	0.0	0.0
29	83	960.14	0.0	0.0	-198.65	0.0	165.62	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	165.62	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	165.62	-99.32	0.0	0.0	0.0	0.0
29	87	1089.79	0.0	0.0	-225.47	0.0	183.97	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	183.97	-1.24e-06	0.0	0.0	0.0	1089.79
						38.7	183.97	-112.74	0.0	0.0	0.0	0.0
29	88	960.14	0.0	0.0	-198.65	0.0	167.62	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	167.62	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	167.62	-99.32	0.0	0.0	0.0	0.0
29	91	960.14	0.0	0.0	-198.65	0.0	168.12	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	168.12	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	168.12	-99.32	0.0	0.0	0.0	0.0
29	92	1037.93	0.0	0.0	-214.74	0.0	177.63	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	177.63	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	177.63	-107.37	0.0	0.0	0.0	0.0
30	1	3381.46	0.0	0.0	-427.69	0.0	102.77	213.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	102.77	-4.23e-06	0.0	0.0	0.0	3381.46
						63.2	102.77	-213.85	0.0	0.0	0.0	0.0
30	14	3256.01	0.0	0.0	-411.83	0.0	39.15	205.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	39.15	-2.40e-06	0.0	0.0	0.0	3256.01
						63.2	39.15	-205.91	0.0	0.0	0.0	0.0
30	36	2777.25	0.0	0.0	-351.27	0.0	-2.65	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-2.65	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-2.65	-175.64	0.0	0.0	0.0	0.0
30	37	2777.25	0.0	0.0	-351.27	0.0	152.90	175.64	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	31.6	152.90	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	152.90	-175.64	0.0	0.0	0.0	0.0
30	68	2777.25	0.0	0.0	-351.27	0.0	-23.67	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-23.67	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-23.67	-175.64	0.0	0.0	0.0	0.0
30	69	2777.25	0.0	0.0	-351.27	0.0	173.92	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	173.92	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	173.92	-175.64	0.0	0.0	0.0	0.0
30	79	2569.10	0.0	0.0	-324.95	0.0	80.30	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	80.30	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	80.30	-162.47	0.0	0.0	0.0	0.0
30	85	3054.79	0.0	0.0	-386.38	0.0	51.79	193.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	51.79	-2.70e-06	0.0	0.0	0.0	3054.79
						63.2	51.79	-193.19	0.0	0.0	0.0	0.0
30	86	2569.10	0.0	0.0	-324.95	0.0	80.30	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	80.30	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	80.30	-162.47	0.0	0.0	0.0	0.0
30	87	2916.02	0.0	0.0	-368.83	0.0	71.67	184.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	71.67	-2.85e-06	0.0	0.0	0.0	2916.02
						63.2	71.67	-184.41	0.0	0.0	0.0	0.0
30	91	2569.10	0.0	0.0	-324.95	0.0	80.30	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	80.30	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	80.30	-162.47	0.0	0.0	0.0	0.0
30	92	2777.25	0.0	0.0	-351.27	0.0	75.12	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	75.12	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	75.12	-175.64	0.0	0.0	0.0	0.0
31	1	1087.67	0.0	0.0	-156.31	0.0	-18.90	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-18.90	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	-18.90	-78.16	0.0	0.0	0.0	0.0
31	14	836.67	0.0	0.0	-120.24	0.0	0.84	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	0.84	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	0.84	-60.12	0.0	0.0	0.0	0.0
31	15	836.67	0.0	0.0	-120.24	0.0	9.92	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	9.92	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	9.92	-60.12	0.0	0.0	0.0	0.0
31	18	836.67	0.0	0.0	-120.24	0.0	-35.74	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-35.74	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-35.74	-60.12	0.0	0.0	0.0	0.0
31	47	836.67	0.0	0.0	-120.24	0.0	16.09	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	16.09	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	16.09	-60.12	0.0	0.0	0.0	0.0
31	50	836.67	0.0	0.0	-120.24	0.0	-41.91	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-41.91	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-41.91	-60.12	0.0	0.0	0.0	0.0
31	79	836.67	0.0	0.0	-120.24	0.0	-14.83	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-14.83	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-14.83	-60.12	0.0	0.0	0.0	0.0
31	85	836.67	0.0	0.0	-120.24	0.0	-4.13	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-4.13	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-4.13	-60.12	0.0	0.0	0.0	0.0
31	86	836.67	0.0	0.0	-120.24	0.0	-14.83	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-14.83	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-14.83	-60.12	0.0	0.0	0.0	0.0
31	87	836.67	0.0	0.0	-120.24	0.0	-11.63	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-11.63	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-11.63	-60.12	0.0	0.0	0.0	0.0
31	91	836.67	0.0	0.0	-120.24	0.0	-14.83	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-14.83	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-14.83	-60.12	0.0	0.0	0.0	0.0
31	92	836.67	0.0	0.0	-120.24	0.0	-12.91	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-12.91	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-12.91	-60.12	0.0	0.0	0.0	0.0
32	1	2178.70	0.0	0.0	-343.31	0.0	80.28	171.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	80.28	2.50e-06	0.0	0.0	0.0	2178.70
						50.8	80.28	-171.65	0.0	0.0	0.0	0.0
32	14	2097.87	0.0	0.0	-330.57	0.0	52.99	165.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	52.99	1.68e-06	0.0	0.0	0.0	2097.87
						50.8	52.99	-165.28	0.0	0.0	0.0	0.0
32	36	1789.41	0.0	0.0	-281.96	0.0	-53.80	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-53.80	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-53.80	-140.98	0.0	0.0	0.0	0.0
32	37	1789.41	0.0	0.0	-281.96	0.0	175.08	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	175.08	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	175.08	-140.98	0.0	0.0	0.0	0.0
32	68	1789.41	0.0	0.0	-281.96	0.0	-84.73	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-84.73	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-84.73	-140.98	0.0	0.0	0.0	0.0

32	69	1789.41	0.0	0.0	-281.96	0.0	206.01	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	206.01	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	206.01	-140.98	0.0	0.0	0.0	0.0
32	79	1655.29	0.0	0.0	-260.83	0.0	61.80	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	61.80	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	61.80	-130.41	0.0	0.0	0.0	0.0
32	85	1968.23	0.0	0.0	-310.14	0.0	55.89	155.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	55.89	1.78e-06	0.0	0.0	0.0	1968.23
						50.8	55.89	-155.07	0.0	0.0	0.0	0.0
32	86	1655.29	0.0	0.0	-260.83	0.0	61.80	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	61.80	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	61.80	-130.41	0.0	0.0	0.0	0.0
32	87	1878.82	0.0	0.0	-296.05	0.0	59.87	148.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	59.87	1.81e-06	0.0	0.0	0.0	1878.82
						50.8	59.87	-148.03	0.0	0.0	0.0	0.0
32	91	1655.29	0.0	0.0	-260.83	0.0	61.80	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	61.80	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	61.80	-130.41	0.0	0.0	0.0	0.0
32	92	1789.41	0.0	0.0	-281.96	0.0	60.64	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	60.64	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	60.64	-140.98	0.0	0.0	0.0	0.0
33	4	1652.70	0.0	0.0	-341.94	0.0	190.91	170.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	190.91	-1.03e-06	0.0	0.0	0.0	1652.70
						38.7	190.91	-170.97	0.0	0.0	0.0	0.0
33	5	944.58	0.0	0.0	-195.43	0.0	115.56	97.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	115.56	-1.55e-06	0.0	0.0	0.0	944.58
						38.7	115.56	-97.72	0.0	0.0	0.0	0.0
33	31	1037.93	0.0	0.0	-214.74	0.0	36.41	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	36.41	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	36.41	-107.37	0.0	0.0	0.0	0.0
33	34	1037.93	0.0	0.0	-214.74	0.0	211.87	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	211.87	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	211.87	-107.37	0.0	0.0	0.0	0.0
33	63	1037.93	0.0	0.0	-214.74	0.0	12.70	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	12.70	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	12.70	-107.37	0.0	0.0	0.0	0.0
33	66	1037.93	0.0	0.0	-214.74	0.0	235.58	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	235.58	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	235.58	-107.37	0.0	0.0	0.0	0.0
33	79	960.14	0.0	0.0	-198.65	0.0	118.44	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	118.44	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	118.44	-99.32	0.0	0.0	0.0	0.0
33	82	1219.45	0.0	0.0	-252.30	0.0	141.15	126.15	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	141.15	0.0	0.0	0.0	0.0	1219.45
						38.7	141.15	-126.15	0.0	0.0	0.0	0.0
33	86	960.14	0.0	0.0	-198.65	0.0	118.44	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	118.44	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	118.44	-99.32	0.0	0.0	0.0	0.0
33	87	1089.79	0.0	0.0	-225.47	0.0	127.94	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	127.94	-1.24e-06	0.0	0.0	0.0	1089.79
						38.7	127.94	-112.74	0.0	0.0	0.0	0.0
33	91	960.14	0.0	0.0	-198.65	0.0	118.44	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	118.44	-1.62e-06	0.0	0.0	0.0	960.14
						38.7	118.44	-99.32	0.0	0.0	0.0	0.0
33	92	1037.93	0.0	0.0	-214.74	0.0	124.14	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	124.14	-1.39e-06	0.0	0.0	0.0	1037.93
						38.7	124.14	-107.37	0.0	0.0	0.0	0.0
34	5	2527.47	0.0	0.0	-319.68	0.0	-75.40	159.84	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-75.40	-3.20e-06	0.0	0.0	0.0	2527.47
						63.2	-75.40	-159.84	0.0	0.0	0.0	0.0
34	11	4110.00	0.0	0.0	-519.84	0.0	-176.36	259.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-176.36	-3.43e-06	0.0	0.0	0.0	4110.00
						63.2	-176.36	-259.92	0.0	0.0	0.0	0.0
34	35	2777.25	0.0	0.0	-351.27	0.0	-49.97	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-49.97	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-49.97	-175.64	0.0	0.0	0.0	0.0
34	38	2777.25	0.0	0.0	-351.27	0.0	-123.69	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-123.69	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-123.69	-175.64	0.0	0.0	0.0	0.0
34	67	2777.25	0.0	0.0	-351.27	0.0	-40.01	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-40.01	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-40.01	-175.64	0.0	0.0	0.0	0.0
34	70	2777.25	0.0	0.0	-351.27	0.0	-133.65	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-133.65	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-133.65	-175.64	0.0	0.0	0.0	0.0
34	79	2569.10	0.0	0.0	-324.95	0.0	-78.54	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-78.54	-3.23e-06	0.0	0.0	0.0	2569.10

						63.2	-78.54	-162.47	0.0	0.0	0.0	0.0
34	85	3054.79	0.0	0.0	-386.38	0.0	-125.95	193.19	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-125.95	-2.70e-06	0.0	0.0	0.0	3054.79
						63.2	-125.95	-193.19	0.0	0.0	0.0	0.0
34	86	2569.10	0.0	0.0	-324.95	0.0	-78.54	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-78.54	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-78.54	-162.47	0.0	0.0	0.0	0.0
34	90	2777.25	0.0	0.0	-351.27	0.0	-92.44	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-92.44	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-92.44	-175.64	0.0	0.0	0.0	0.0
34	91	2569.10	0.0	0.0	-324.95	0.0	-78.54	162.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-78.54	-3.23e-06	0.0	0.0	0.0	2569.10
						63.2	-78.54	-162.47	0.0	0.0	0.0	0.0
34	92	2777.25	0.0	0.0	-351.27	0.0	-86.83	175.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.6	-86.83	-3.00e-06	0.0	0.0	0.0	2777.25
						63.2	-86.83	-175.64	0.0	0.0	0.0	0.0
35	5	836.67	0.0	0.0	-120.24	0.0	-36.69	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-36.69	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-36.69	-60.12	0.0	0.0	0.0	0.0
35	11	1087.67	0.0	0.0	-156.31	0.0	-69.92	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-69.92	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	-69.92	-78.16	0.0	0.0	0.0	0.0
35	24	836.67	0.0	0.0	-120.24	0.0	-11.79	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-11.79	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-11.79	-60.12	0.0	0.0	0.0	0.0
35	25	836.67	0.0	0.0	-120.24	0.0	-64.65	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-64.65	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-64.65	-60.12	0.0	0.0	0.0	0.0
35	56	836.67	0.0	0.0	-120.24	0.0	-4.64	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-4.64	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-4.64	-60.12	0.0	0.0	0.0	0.0
35	57	836.67	0.0	0.0	-120.24	0.0	-71.80	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-71.80	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-71.80	-60.12	0.0	0.0	0.0	0.0
35	79	836.67	0.0	0.0	-120.24	0.0	-37.80	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-37.80	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-37.80	-60.12	0.0	0.0	0.0	0.0
35	85	836.67	0.0	0.0	-120.24	0.0	-50.91	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-50.91	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-50.91	-60.12	0.0	0.0	0.0	0.0
35	86	836.67	0.0	0.0	-120.24	0.0	-37.80	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-37.80	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-37.80	-60.12	0.0	0.0	0.0	0.0
35	90	836.67	0.0	0.0	-120.24	0.0	-40.65	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-40.65	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-40.65	-60.12	0.0	0.0	0.0	0.0
35	91	836.67	0.0	0.0	-120.24	0.0	-37.80	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-37.80	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-37.80	-60.12	0.0	0.0	0.0	0.0
35	92	836.67	0.0	0.0	-120.24	0.0	-38.22	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-38.22	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-38.22	-60.12	0.0	0.0	0.0	0.0
36	1	2178.70	0.0	0.0	-343.31	0.0	62.82	171.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	62.82	2.50e-06	0.0	0.0	0.0	2178.70
						50.8	62.82	-171.65	0.0	0.0	0.0	0.0
36	14	2097.87	0.0	0.0	-330.57	0.0	33.39	165.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	33.39	1.68e-06	0.0	0.0	0.0	2097.87
						50.8	33.39	-165.28	0.0	0.0	0.0	0.0
36	35	1789.41	0.0	0.0	-281.96	0.0	159.20	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	159.20	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	159.20	-140.98	0.0	0.0	0.0	0.0
36	38	1789.41	0.0	0.0	-281.96	0.0	-66.00	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-66.00	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-66.00	-140.98	0.0	0.0	0.0	0.0
36	67	1789.41	0.0	0.0	-281.96	0.0	189.64	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	189.64	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	189.64	-140.98	0.0	0.0	0.0	0.0
36	70	1789.41	0.0	0.0	-281.96	0.0	-96.43	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	-96.43	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	-96.43	-140.98	0.0	0.0	0.0	0.0
36	79	1655.29	0.0	0.0	-260.83	0.0	48.68	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	48.68	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	48.68	-130.41	0.0	0.0	0.0	0.0
36	85	1968.23	0.0	0.0	-310.14	0.0	38.18	155.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	38.18	1.78e-06	0.0	0.0	0.0	1968.23
						50.8	38.18	-155.07	0.0	0.0	0.0	0.0
36	86	1655.29	0.0	0.0	-260.83	0.0	48.68	130.41	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	25.4	48.68	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	48.68	-130.41	0.0	0.0	0.0	0.0
36	87	1878.82	0.0	0.0	-296.05	0.0	45.22	148.03	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	45.22	1.81e-06	0.0	0.0	0.0	1878.82
						50.8	45.22	-148.03	0.0	0.0	0.0	0.0
36	91	1655.29	0.0	0.0	-260.83	0.0	48.68	130.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	48.68	1.90e-06	0.0	0.0	0.0	1655.29
						50.8	48.68	-130.41	0.0	0.0	0.0	0.0
36	92	1789.41	0.0	0.0	-281.96	0.0	46.60	140.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.4	46.60	1.85e-06	0.0	0.0	0.0	1789.41
						50.8	46.60	-140.98	0.0	0.0	0.0	0.0
37	5	944.56	0.0	0.0	-195.43	0.0	70.73	97.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	70.73	0.0	0.0	0.0	0.0	944.56
						38.7	70.73	-97.71	0.0	0.0	0.0	0.0
37	11	1535.98	0.0	0.0	-317.79	0.0	119.84	158.90	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	119.84	0.0	0.0	0.0	0.0	1535.98
						38.7	119.84	-158.90	0.0	0.0	0.0	0.0
37	31	1037.91	0.0	0.0	-214.74	0.0	-61.85	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-61.85	0.0	0.0	0.0	0.0	1037.91
						38.7	-61.85	-107.37	0.0	0.0	0.0	0.0
37	34	1037.91	0.0	0.0	-214.74	0.0	213.16	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	213.16	0.0	0.0	0.0	0.0	1037.91
						38.7	213.16	-107.37	0.0	0.0	0.0	0.0
37	63	1037.91	0.0	0.0	-214.74	0.0	-99.01	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	-99.01	0.0	0.0	0.0	0.0	1037.91
						38.7	-99.01	-107.37	0.0	0.0	0.0	0.0
37	66	1037.91	0.0	0.0	-214.74	0.0	250.32	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	250.32	0.0	0.0	0.0	0.0	1037.91
						38.7	250.32	-107.37	0.0	0.0	0.0	0.0
37	79	960.12	0.0	0.0	-198.65	0.0	72.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	72.35	0.0	0.0	0.0	0.0	960.12
						38.7	72.35	-99.32	0.0	0.0	0.0	0.0
37	85	1141.63	0.0	0.0	-236.20	0.0	88.46	118.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	88.46	0.0	0.0	0.0	0.0	1141.63
						38.7	88.46	-118.10	0.0	0.0	0.0	0.0
37	86	960.12	0.0	0.0	-198.65	0.0	72.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	72.35	0.0	0.0	0.0	0.0	960.12
						38.7	72.35	-99.32	0.0	0.0	0.0	0.0
37	87	1089.77	0.0	0.0	-225.47	0.0	77.86	112.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	77.86	0.0	0.0	0.0	0.0	1089.77
						38.7	77.86	-112.74	0.0	0.0	0.0	0.0
37	91	960.12	0.0	0.0	-198.65	0.0	72.35	99.32	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	72.35	0.0	0.0	0.0	0.0	960.12
						38.7	72.35	-99.32	0.0	0.0	0.0	0.0
37	92	1037.91	0.0	0.0	-214.74	0.0	75.66	107.37	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	19.3	75.66	0.0	0.0	0.0	0.0	1037.91
						38.7	75.66	-107.37	0.0	0.0	0.0	0.0
38	3	2507.21	0.0	0.0	-421.16	0.0	-91.65	210.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-91.65	1.14e-06	0.0	0.0	0.0	2507.21
						47.6	-91.65	-210.58	0.0	0.0	0.0	0.0
38	12	1432.96	0.0	0.0	-240.71	0.0	-58.79	120.35	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-58.79	0.0	0.0	0.0	0.0	1432.96
						47.6	-58.79	-120.35	0.0	0.0	0.0	0.0
38	27	1574.58	0.0	0.0	-264.50	0.0	-38.21	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-38.21	0.0	0.0	0.0	0.0	1574.58
						47.6	-38.21	-132.25	0.0	0.0	0.0	0.0
38	30	1574.58	0.0	0.0	-264.50	0.0	-91.12	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-91.12	0.0	0.0	0.0	0.0	1574.58
						47.6	-91.12	-132.25	0.0	0.0	0.0	0.0
38	59	1574.58	0.0	0.0	-264.50	0.0	-31.06	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-31.06	0.0	0.0	0.0	0.0	1574.58
						47.6	-31.06	-132.25	0.0	0.0	0.0	0.0
38	62	1574.58	0.0	0.0	-264.50	0.0	-98.27	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-98.27	0.0	0.0	0.0	0.0	1574.58
						47.6	-98.27	-132.25	0.0	0.0	0.0	0.0
38	81	1849.95	0.0	0.0	-310.75	0.0	-69.18	155.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-69.18	0.0	0.0	0.0	0.0	1849.95
						47.6	-69.18	-155.38	0.0	0.0	0.0	0.0
38	83	1456.56	0.0	0.0	-244.67	0.0	-60.39	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-60.39	0.0	0.0	0.0	0.0	1456.56
						47.6	-60.39	-122.34	0.0	0.0	0.0	0.0
38	87	1653.26	0.0	0.0	-277.71	0.0	-65.96	138.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-65.96	0.0	0.0	0.0	0.0	1653.26
						47.6	-65.96	-138.86	0.0	0.0	0.0	0.0
38	88	1456.56	0.0	0.0	-244.67	0.0	-62.26	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-62.26	0.0	0.0	0.0	0.0	1456.56
						47.6	-62.26	-122.34	0.0	0.0	0.0	0.0

38	91	1456.56	0.0	0.0	-244.67	0.0	-62.73	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-62.73	0.0	0.0	0.0	0.0	1456.56
						47.6	-62.73	-122.34	0.0	0.0	0.0	0.0
38	92	1574.58	0.0	0.0	-264.50	0.0	-64.67	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-64.67	0.0	0.0	0.0	0.0	1574.58
						47.6	-64.67	-132.25	0.0	0.0	0.0	0.0
39	5	836.67	0.0	0.0	-120.24	0.0	-45.16	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-45.16	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-45.16	-60.12	0.0	0.0	0.0	0.0
39	11	1087.67	0.0	0.0	-156.31	0.0	-94.42	78.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-94.42	-1.39e-06	0.0	0.0	0.0	1087.67
						55.7	-94.42	-78.16	0.0	0.0	0.0	0.0
39	24	836.67	0.0	0.0	-120.24	0.0	-27.33	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-27.33	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-27.33	-60.12	0.0	0.0	0.0	0.0
39	25	836.67	0.0	0.0	-120.24	0.0	-68.68	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-68.68	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-68.68	-60.12	0.0	0.0	0.0	0.0
39	56	836.67	0.0	0.0	-120.24	0.0	-21.74	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-21.74	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-21.74	-60.12	0.0	0.0	0.0	0.0
39	57	836.67	0.0	0.0	-120.24	0.0	-74.27	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-74.27	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-74.27	-60.12	0.0	0.0	0.0	0.0
39	79	836.67	0.0	0.0	-120.24	0.0	-46.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-46.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-46.86	-60.12	0.0	0.0	0.0	0.0
39	85	836.67	0.0	0.0	-120.24	0.0	-68.06	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-68.06	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-68.06	-60.12	0.0	0.0	0.0	0.0
39	86	836.67	0.0	0.0	-120.24	0.0	-46.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-46.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-46.86	-60.12	0.0	0.0	0.0	0.0
39	90	836.67	0.0	0.0	-120.24	0.0	-51.71	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-51.71	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-51.71	-60.12	0.0	0.0	0.0	0.0
39	91	836.67	0.0	0.0	-120.24	0.0	-46.86	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-46.86	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-46.86	-60.12	0.0	0.0	0.0	0.0
39	92	836.67	0.0	0.0	-120.24	0.0	-48.00	60.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.8	-48.00	-1.07e-06	0.0	0.0	0.0	836.67
						55.7	-48.00	-60.12	0.0	0.0	0.0	0.0
40	1	3403.95	0.0	0.0	-429.11	0.0	97.68	214.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	97.68	-6.24e-06	0.0	0.0	0.0	3403.95
						63.5	97.68	-214.56	0.0	0.0	0.0	0.0
40	8	3591.97	0.0	0.0	-452.82	0.0	72.23	226.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	72.23	-4.09e-06	0.0	0.0	0.0	3591.97
						63.5	72.23	-226.41	0.0	0.0	0.0	0.0
40	35	2795.73	0.0	0.0	-352.44	0.0	187.93	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	187.93	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	187.93	-176.22	0.0	0.0	0.0	0.0
40	38	2795.73	0.0	0.0	-352.44	0.0	-38.93	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	-38.93	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	-38.93	-176.22	0.0	0.0	0.0	0.0
40	67	2795.73	0.0	0.0	-352.44	0.0	218.59	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	218.59	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	218.59	-176.22	0.0	0.0	0.0	0.0
40	70	2795.73	0.0	0.0	-352.44	0.0	-69.58	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	-69.58	-4.62e-06	0.0	0.0	0.0	2795.73
						63.5	-69.58	-176.22	0.0	0.0	0.0	0.0
40	79	2586.19	0.0	0.0	-326.02	0.0	74.99	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	74.99	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	74.99	-163.01	0.0	0.0	0.0	0.0
40	82	3284.65	0.0	0.0	-414.07	0.0	73.27	207.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	73.27	-4.37e-06	0.0	0.0	0.0	3284.65
						63.5	73.27	-207.04	0.0	0.0	0.0	0.0
40	86	2586.19	0.0	0.0	-326.02	0.0	74.99	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	74.99	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	74.99	-163.01	0.0	0.0	0.0	0.0
40	87	2935.42	0.0	0.0	-370.05	0.0	74.17	185.02	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	74.17	-4.55e-06	0.0	0.0	0.0	2935.42
						63.5	74.17	-185.02	0.0	0.0	0.0	0.0
40	91	2586.19	0.0	0.0	-326.02	0.0	74.99	163.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	74.99	-4.73e-06	0.0	0.0	0.0	2586.19
						63.5	74.99	-163.01	0.0	0.0	0.0	0.0
40	92	2795.73	0.0	0.0	-352.44	0.0	74.50	176.22	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	31.7	74.50	-4.62e-06	0.0	0.0	0.0	2795.73

						63.5	74.50	-176.22	0.0	0.0	0.0	0.0
41	5	1010.86	0.0	0.0	-202.17	0.0	71.65	101.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	71.65	-2.45e-06	0.0	0.0	0.0	1010.86
						40.0	71.65	-101.09	0.0	0.0	0.0	0.0
41	11	1643.80	0.0	0.0	-328.76	0.0	118.17	164.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	118.17	-3.65e-06	0.0	0.0	0.0	1643.80
						40.0	118.17	-164.38	0.0	0.0	0.0	0.0
41	31	1110.76	0.0	0.0	-222.15	0.0	-65.83	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-65.83	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	-65.83	-111.08	0.0	0.0	0.0	0.0
41	34	1110.76	0.0	0.0	-222.15	0.0	218.23	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	218.23	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	218.23	-111.08	0.0	0.0	0.0	0.0
41	63	1110.76	0.0	0.0	-222.15	0.0	-104.21	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-104.21	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	-104.21	-111.08	0.0	0.0	0.0	0.0
41	66	1110.76	0.0	0.0	-222.15	0.0	256.60	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	256.60	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	256.60	-111.08	0.0	0.0	0.0	0.0
41	79	1027.51	0.0	0.0	-205.50	0.0	73.15	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	73.15	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	73.15	-102.75	0.0	0.0	0.0	0.0
41	85	1221.77	0.0	0.0	-244.35	0.0	87.53	122.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	87.53	-2.76e-06	0.0	0.0	0.0	1221.77
						40.0	87.53	-122.18	0.0	0.0	0.0	0.0
41	86	1027.51	0.0	0.0	-205.50	0.0	73.15	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	73.15	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	73.15	-102.75	0.0	0.0	0.0	0.0
41	87	1166.26	0.0	0.0	-233.25	0.0	78.23	116.63	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	78.23	-2.67e-06	0.0	0.0	0.0	1166.26
						40.0	78.23	-116.63	0.0	0.0	0.0	0.0
41	91	1027.51	0.0	0.0	-205.50	0.0	73.15	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	73.15	-2.44e-06	0.0	0.0	0.0	1027.51
						40.0	73.15	-102.75	0.0	0.0	0.0	0.0
41	92	1110.76	0.0	0.0	-222.15	0.0	76.20	111.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	76.20	-2.58e-06	0.0	0.0	0.0	1110.76
						40.0	76.20	-111.08	0.0	0.0	0.0	0.0
42	5	1432.96	0.0	0.0	-240.71	0.0	-82.65	120.35	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-82.65	0.0	0.0	0.0	0.0	1432.96
						47.6	-82.65	-120.35	0.0	0.0	0.0	0.0
42	11	2330.19	0.0	0.0	-391.42	0.0	-192.47	195.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-192.47	0.0	0.0	0.0	0.0	2330.19
						47.6	-192.47	-195.71	0.0	0.0	0.0	0.0
42	24	1574.58	0.0	0.0	-264.50	0.0	-79.82	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-79.82	0.0	0.0	0.0	0.0	1574.58
						47.6	-79.82	-132.25	0.0	0.0	0.0	0.0
42	25	1574.58	0.0	0.0	-264.50	0.0	-107.98	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-107.98	0.0	0.0	0.0	0.0	1574.58
						47.6	-107.98	-132.25	0.0	0.0	0.0	0.0
42	56	1574.58	0.0	0.0	-264.50	0.0	-76.01	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-76.01	0.0	0.0	0.0	0.0	1574.58
						47.6	-76.01	-132.25	0.0	0.0	0.0	0.0
42	57	1574.58	0.0	0.0	-264.50	0.0	-111.78	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-111.78	0.0	0.0	0.0	0.0	1574.58
						47.6	-111.78	-132.25	0.0	0.0	0.0	0.0
42	79	1456.56	0.0	0.0	-244.67	0.0	-86.32	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-86.32	0.0	0.0	0.0	0.0	1456.56
						47.6	-86.32	-122.34	0.0	0.0	0.0	0.0
42	85	1731.93	0.0	0.0	-290.93	0.0	-137.37	145.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-137.37	0.0	0.0	0.0	0.0	1731.93
						47.6	-137.37	-145.46	0.0	0.0	0.0	0.0
42	86	1456.56	0.0	0.0	-244.67	0.0	-86.32	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-86.32	0.0	0.0	0.0	0.0	1456.56
						47.6	-86.32	-122.34	0.0	0.0	0.0	0.0
42	90	1574.58	0.0	0.0	-264.50	0.0	-100.57	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-100.57	0.0	0.0	0.0	0.0	1574.58
						47.6	-100.57	-132.25	0.0	0.0	0.0	0.0
42	91	1456.56	0.0	0.0	-244.67	0.0	-86.32	122.34	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-86.32	0.0	0.0	0.0	0.0	1456.56
						47.6	-86.32	-122.34	0.0	0.0	0.0	0.0
42	92	1574.58	0.0	0.0	-264.50	0.0	-93.90	132.25	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	23.8	-93.90	0.0	0.0	0.0	0.0	1574.58
						47.6	-93.90	-132.25	0.0	0.0	0.0	0.0
43	1	726.66	0.0	0.0	-127.76	0.0	-4.31	63.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-4.31	0.0	0.0	0.0	0.0	726.66
						45.5	-4.31	-63.88	0.0	0.0	0.0	0.0
43	14	558.97	0.0	0.0	-98.28	0.0	9.50	49.14	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	22.8	9.50	0.0	0.0	0.0	0.0	558.97
						45.5	9.50	-49.14	0.0	0.0	0.0	0.0
43	32	558.97	0.0	0.0	-98.28	0.0	5.36	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	5.36	0.0	0.0	0.0	0.0	558.97
						45.5	5.36	-49.14	0.0	0.0	0.0	0.0
43	33	558.97	0.0	0.0	-98.28	0.0	-8.60	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-8.60	0.0	0.0	0.0	0.0	558.97
						45.5	-8.60	-49.14	0.0	0.0	0.0	0.0
43	64	558.97	0.0	0.0	-98.28	0.0	7.25	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	7.25	0.0	0.0	0.0	0.0	558.97
						45.5	7.25	-49.14	0.0	0.0	0.0	0.0
43	65	558.97	0.0	0.0	-98.28	0.0	-10.49	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-10.49	0.0	0.0	0.0	0.0	558.97
						45.5	-10.49	-49.14	0.0	0.0	0.0	0.0
43	79	558.97	0.0	0.0	-98.28	0.0	-3.51	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-3.51	0.0	0.0	0.0	0.0	558.97
						45.5	-3.51	-49.14	0.0	0.0	0.0	0.0
43	85	558.97	0.0	0.0	-98.28	0.0	5.33	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	5.33	0.0	0.0	0.0	0.0	558.97
						45.5	5.33	-49.14	0.0	0.0	0.0	0.0
43	86	558.97	0.0	0.0	-98.28	0.0	-3.51	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-3.51	0.0	0.0	0.0	0.0	558.97
						45.5	-3.51	-49.14	0.0	0.0	0.0	0.0
43	87	558.97	0.0	0.0	-98.28	0.0	-0.36	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-0.36	0.0	0.0	0.0	0.0	558.97
						45.5	-0.36	-49.14	0.0	0.0	0.0	0.0
43	91	558.97	0.0	0.0	-98.28	0.0	-3.51	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-3.51	0.0	0.0	0.0	0.0	558.97
						45.5	-3.51	-49.14	0.0	0.0	0.0	0.0
43	92	558.97	0.0	0.0	-98.28	0.0	-1.62	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-1.62	0.0	0.0	0.0	0.0	558.97
						45.5	-1.62	-49.14	0.0	0.0	0.0	0.0
44	5	1010.85	0.0	0.0	-202.17	0.0	128.29	101.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	128.29	2.21e-06	0.0	0.0	0.0	1010.85
						40.0	128.29	-101.08	0.0	0.0	0.0	0.0
44	11	1643.77	0.0	0.0	-328.75	0.0	189.60	164.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	189.60	2.79e-06	0.0	0.0	0.0	1643.77
						40.0	189.60	-164.38	0.0	0.0	0.0	0.0
44	31	1110.75	0.0	0.0	-222.15	0.0	282.50	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	282.50	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	282.50	-111.07	0.0	0.0	0.0	0.0
44	34	1110.75	0.0	0.0	-222.15	0.0	-20.24	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-20.24	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	-20.24	-111.07	0.0	0.0	0.0	0.0
44	63	1110.75	0.0	0.0	-222.15	0.0	323.40	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	323.40	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	323.40	-111.07	0.0	0.0	0.0	0.0
44	66	1110.75	0.0	0.0	-222.15	0.0	-61.14	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-61.14	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	-61.14	-111.07	0.0	0.0	0.0	0.0
44	79	1027.50	0.0	0.0	-205.50	0.0	129.34	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	129.34	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	129.34	-102.75	0.0	0.0	0.0	0.0
44	85	1221.75	0.0	0.0	-244.35	0.0	142.95	122.17	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	142.95	2.17e-06	0.0	0.0	0.0	1221.75
						40.0	142.95	-122.17	0.0	0.0	0.0	0.0
44	86	1027.50	0.0	0.0	-205.50	0.0	129.34	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	129.34	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	129.34	-102.75	0.0	0.0	0.0	0.0
44	90	1110.75	0.0	0.0	-222.15	0.0	133.01	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	133.01	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	133.01	-111.07	0.0	0.0	0.0	0.0
44	91	1027.50	0.0	0.0	-205.50	0.0	129.34	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	129.34	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	129.34	-102.75	0.0	0.0	0.0	0.0
44	92	1110.75	0.0	0.0	-222.15	0.0	131.13	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	131.13	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	131.13	-111.07	0.0	0.0	0.0	0.0
45	4	1768.64	0.0	0.0	-353.73	0.0	104.60	176.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	104.60	2.79e-06	0.0	0.0	0.0	1768.64
						40.0	104.60	-176.86	0.0	0.0	0.0	0.0
45	5	1010.85	0.0	0.0	-202.17	0.0	66.48	101.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	66.48	2.21e-06	0.0	0.0	0.0	1010.85
						40.0	66.48	-101.08	0.0	0.0	0.0	0.0
45	31	1110.75	0.0	0.0	-222.15	0.0	-77.10	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-77.10	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	-77.10	-111.07	0.0	0.0	0.0	0.0

45	34	1110.75	0.0	0.0	-222.15	0.0	217.33	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	217.33	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	217.33	-111.07	0.0	0.0	0.0	0.0
45	63	1110.75	0.0	0.0	-222.15	0.0	-116.89	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	-116.89	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	-116.89	-111.07	0.0	0.0	0.0	0.0
45	66	1110.75	0.0	0.0	-222.15	0.0	257.12	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	257.12	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	257.12	-111.07	0.0	0.0	0.0	0.0
45	79	1027.50	0.0	0.0	-205.50	0.0	67.70	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	67.70	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	67.70	-102.75	0.0	0.0	0.0	0.0
45	82	1305.00	0.0	0.0	-261.00	0.0	77.95	130.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	77.95	2.17e-06	0.0	0.0	0.0	1305.00
						40.0	77.95	-130.50	0.0	0.0	0.0	0.0
45	86	1027.50	0.0	0.0	-205.50	0.0	67.70	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	67.70	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	67.70	-102.75	0.0	0.0	0.0	0.0
45	87	1166.25	0.0	0.0	-233.25	0.0	71.72	116.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	71.72	2.17e-06	0.0	0.0	0.0	1166.25
						40.0	71.72	-116.62	0.0	0.0	0.0	0.0
45	91	1027.50	0.0	0.0	-205.50	0.0	67.70	102.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	67.70	2.17e-06	0.0	0.0	0.0	1027.50
						40.0	67.70	-102.75	0.0	0.0	0.0	0.0
45	92	1110.75	0.0	0.0	-222.15	0.0	70.12	111.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.0	70.12	2.17e-06	0.0	0.0	0.0	1110.75
						40.0	70.12	-111.07	0.0	0.0	0.0	0.0
46	5	558.97	0.0	0.0	-98.28	0.0	-27.27	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-27.27	0.0	0.0	0.0	0.0	558.97
						45.5	-27.27	-49.14	0.0	0.0	0.0	0.0
46	11	726.66	0.0	0.0	-127.76	0.0	-103.50	63.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-103.50	0.0	0.0	0.0	0.0	726.66
						45.5	-103.50	-63.88	0.0	0.0	0.0	0.0
46	31	558.97	0.0	0.0	-98.28	0.0	-51.50	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-51.50	0.0	0.0	0.0	0.0	558.97
						45.5	-51.50	-49.14	0.0	0.0	0.0	0.0
46	34	558.97	0.0	0.0	-98.28	0.0	-17.06	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-17.06	0.0	0.0	0.0	0.0	558.97
						45.5	-17.06	-49.14	0.0	0.0	0.0	0.0
46	63	558.97	0.0	0.0	-98.28	0.0	-56.15	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-56.15	0.0	0.0	0.0	0.0	558.97
						45.5	-56.15	-49.14	0.0	0.0	0.0	0.0
46	66	558.97	0.0	0.0	-98.28	0.0	-12.41	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-12.41	0.0	0.0	0.0	0.0	558.97
						45.5	-12.41	-49.14	0.0	0.0	0.0	0.0
46	79	558.97	0.0	0.0	-98.28	0.0	-30.22	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-30.22	0.0	0.0	0.0	0.0	558.97
						45.5	-30.22	-49.14	0.0	0.0	0.0	0.0
46	85	558.97	0.0	0.0	-98.28	0.0	-71.06	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-71.06	0.0	0.0	0.0	0.0	558.97
						45.5	-71.06	-49.14	0.0	0.0	0.0	0.0
46	86	558.97	0.0	0.0	-98.28	0.0	-30.22	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-30.22	0.0	0.0	0.0	0.0	558.97
						45.5	-30.22	-49.14	0.0	0.0	0.0	0.0
46	90	558.97	0.0	0.0	-98.28	0.0	-40.55	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-40.55	0.0	0.0	0.0	0.0	558.97
						45.5	-40.55	-49.14	0.0	0.0	0.0	0.0
46	91	558.97	0.0	0.0	-98.28	0.0	-30.22	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-30.22	0.0	0.0	0.0	0.0	558.97
						45.5	-30.22	-49.14	0.0	0.0	0.0	0.0
46	92	558.97	0.0	0.0	-98.28	0.0	-34.28	49.14	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	22.8	-34.28	0.0	0.0	0.0	0.0	558.97
						45.5	-34.28	-49.14	0.0	0.0	0.0	0.0
47	1	2029.44	0.0	0.0	-331.34	0.0	11.00	165.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	11.00	-1.12e-06	0.0	0.0	0.0	2029.44
						49.0	11.00	-165.67	0.0	0.0	0.0	0.0
47	14	1954.14	0.0	0.0	-319.04	0.0	-5.51	159.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-5.51	0.0	0.0	0.0	0.0	1954.14
						49.0	-5.51	-159.52	0.0	0.0	0.0	0.0
47	31	1666.81	0.0	0.0	-272.13	0.0	-138.00	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-138.00	0.0	0.0	0.0	0.0	1666.81
						49.0	-138.00	-136.07	0.0	0.0	0.0	0.0
47	34	1666.81	0.0	0.0	-272.13	0.0	153.22	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	153.22	0.0	0.0	0.0	0.0	1666.81
						49.0	153.22	-136.07	0.0	0.0	0.0	0.0
47	63	1666.81	0.0	0.0	-272.13	0.0	-177.35	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-177.35	0.0	0.0	0.0	0.0	1666.81

						49.0	-177.35	-136.07	0.0	0.0	0.0	0.0
47	66	1666.81	0.0	0.0	-272.13	0.0	192.57	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	192.57	0.0	0.0	0.0	0.0	1666.81
						49.0	192.57	-136.07	0.0	0.0	0.0	0.0
47	79	1541.88	0.0	0.0	-251.74	0.0	8.69	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	8.69	0.0	0.0	0.0	0.0	1541.88
						49.0	8.69	-125.87	0.0	0.0	0.0	0.0
47	85	1833.38	0.0	0.0	-299.33	0.0	-0.98	149.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-0.98	0.0	0.0	0.0	0.0	1833.38
						49.0	-0.98	-149.66	0.0	0.0	0.0	0.0
47	86	1541.88	0.0	0.0	-251.74	0.0	8.69	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	8.69	0.0	0.0	0.0	0.0	1541.88
						49.0	8.69	-125.87	0.0	0.0	0.0	0.0
47	90	1666.81	0.0	0.0	-272.13	0.0	6.18	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	6.18	0.0	0.0	0.0	0.0	1666.81
						49.0	6.18	-136.07	0.0	0.0	0.0	0.0
47	91	1541.88	0.0	0.0	-251.74	0.0	8.69	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	8.69	0.0	0.0	0.0	0.0	1541.88
						49.0	8.69	-125.87	0.0	0.0	0.0	0.0
47	92	1666.81	0.0	0.0	-272.13	0.0	7.61	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	7.61	0.0	0.0	0.0	0.0	1666.81
						49.0	7.61	-136.07	0.0	0.0	0.0	0.0
48	1	1095.44	0.0	0.0	-243.43	0.0	7.46	121.72	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	7.46	3.50e-06	0.0	0.0	0.0	1095.44
						36.0	7.46	-121.72	0.0	0.0	0.0	0.0
48	14	1054.80	0.0	0.0	-234.40	0.0	-15.53	117.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-15.53	3.15e-06	0.0	0.0	0.0	1054.80
						36.0	-15.53	-117.20	0.0	0.0	0.0	0.0
48	15	899.70	0.0	0.0	-199.93	0.0	-120.15	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-120.15	2.83e-06	0.0	0.0	0.0	899.70
						36.0	-120.15	-99.97	0.0	0.0	0.0	0.0
48	18	899.70	0.0	0.0	-199.93	0.0	129.21	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	129.21	2.83e-06	0.0	0.0	0.0	899.70
						36.0	129.21	-99.97	0.0	0.0	0.0	0.0
48	47	899.70	0.0	0.0	-199.93	0.0	-153.84	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-153.84	2.83e-06	0.0	0.0	0.0	899.70
						36.0	-153.84	-99.97	0.0	0.0	0.0	0.0
48	50	899.70	0.0	0.0	-199.93	0.0	162.90	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	162.90	2.83e-06	0.0	0.0	0.0	899.70
						36.0	162.90	-99.97	0.0	0.0	0.0	0.0
48	79	832.27	0.0	0.0	-184.95	0.0	6.04	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	6.04	2.72e-06	0.0	0.0	0.0	832.27
						36.0	6.04	-92.47	0.0	0.0	0.0	0.0
48	85	989.61	0.0	0.0	-219.91	0.0	-8.60	109.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	-8.60	2.99e-06	0.0	0.0	0.0	989.61
						36.0	-8.60	-109.96	0.0	0.0	0.0	0.0
48	86	832.27	0.0	0.0	-184.95	0.0	6.04	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	6.04	2.72e-06	0.0	0.0	0.0	832.27
						36.0	6.04	-92.47	0.0	0.0	0.0	0.0
48	90	899.70	0.0	0.0	-199.93	0.0	2.31	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	2.31	2.83e-06	0.0	0.0	0.0	899.70
						36.0	2.31	-99.97	0.0	0.0	0.0	0.0
48	91	832.27	0.0	0.0	-184.95	0.0	6.04	92.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	6.04	2.72e-06	0.0	0.0	0.0	832.27
						36.0	6.04	-92.47	0.0	0.0	0.0	0.0
48	92	899.70	0.0	0.0	-199.93	0.0	4.53	99.97	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	18.0	4.53	2.83e-06	0.0	0.0	0.0	899.70
						36.0	4.53	-99.97	0.0	0.0	0.0	0.0
49	5	1516.90	0.0	0.0	-247.66	0.0	-39.20	123.83	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-39.20	0.0	0.0	0.0	0.0	1516.90
						49.0	-39.20	-123.83	0.0	0.0	0.0	0.0
49	11	2466.68	0.0	0.0	-402.72	0.0	-80.99	201.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-80.99	0.0	0.0	0.0	0.0	2466.68
						49.0	-80.99	-201.36	0.0	0.0	0.0	0.0
49	31	1666.81	0.0	0.0	-272.13	0.0	-184.32	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-184.32	0.0	0.0	0.0	0.0	1666.81
						49.0	-184.32	-136.07	0.0	0.0	0.0	0.0
49	34	1666.81	0.0	0.0	-272.13	0.0	97.45	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	97.45	0.0	0.0	0.0	0.0	1666.81
						49.0	97.45	-136.07	0.0	0.0	0.0	0.0
49	63	1666.81	0.0	0.0	-272.13	0.0	-222.39	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-222.39	0.0	0.0	0.0	0.0	1666.81
						49.0	-222.39	-136.07	0.0	0.0	0.0	0.0
49	66	1666.81	0.0	0.0	-272.13	0.0	135.52	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	135.52	0.0	0.0	0.0	0.0	1666.81
						49.0	135.52	-136.07	0.0	0.0	0.0	0.0
49	79	1541.88	0.0	0.0	-251.74	0.0	-40.38	125.87	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.5	-40.38	0.0	0.0	0.0	0.0	1541.88
						49.0	-40.38	-125.87	0.0	0.0	0.0	0.0
49	85	1833.38	0.0	0.0	-299.33	0.0	-58.59	149.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-58.59	0.0	0.0	0.0	0.0	1833.38
						49.0	-58.59	-149.66	0.0	0.0	0.0	0.0
49	86	1541.88	0.0	0.0	-251.74	0.0	-40.38	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-40.38	0.0	0.0	0.0	0.0	1541.88
						49.0	-40.38	-125.87	0.0	0.0	0.0	0.0
49	90	1666.81	0.0	0.0	-272.13	0.0	-45.65	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-45.65	0.0	0.0	0.0	0.0	1666.81
						49.0	-45.65	-136.07	0.0	0.0	0.0	0.0
49	91	1541.88	0.0	0.0	-251.74	0.0	-40.38	125.87	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-40.38	0.0	0.0	0.0	0.0	1541.88
						49.0	-40.38	-125.87	0.0	0.0	0.0	0.0
49	92	1666.81	0.0	0.0	-272.13	0.0	-43.43	136.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.5	-43.43	0.0	0.0	0.0	0.0	1666.81
						49.0	-43.43	-136.07	0.0	0.0	0.0	0.0
50	5	106.77	0.0	0.0	-65.70	0.0	-114.80	32.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-114.80	0.0	0.0	0.0	0.0	106.77
						13.0	-114.80	-32.85	0.0	0.0	0.0	0.0
50	11	173.62	0.0	0.0	-106.84	0.0	-217.86	53.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-217.86	0.0	0.0	0.0	0.0	173.62
						13.0	-217.86	-53.42	0.0	0.0	0.0	0.0
50	36	117.32	0.0	0.0	-72.20	0.0	58.83	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	58.83	0.0	0.0	0.0	0.0	117.32
						13.0	58.83	-36.10	0.0	0.0	0.0	0.0
50	37	117.32	0.0	0.0	-72.20	0.0	-310.70	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-310.70	0.0	0.0	0.0	0.0	117.32
						13.0	-310.70	-36.10	0.0	0.0	0.0	0.0
50	68	117.32	0.0	0.0	-72.20	0.0	108.76	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	108.76	0.0	0.0	0.0	0.0	117.32
						13.0	108.76	-36.10	0.0	0.0	0.0	0.0
50	69	117.32	0.0	0.0	-72.20	0.0	-360.63	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-360.63	0.0	0.0	0.0	0.0	117.32
						13.0	-360.63	-36.10	0.0	0.0	0.0	0.0
50	79	108.53	0.0	0.0	-66.79	0.0	-118.18	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-118.18	0.0	0.0	0.0	0.0	108.53
						13.0	-118.18	-33.39	0.0	0.0	0.0	0.0
50	85	129.05	0.0	0.0	-79.41	0.0	-158.74	39.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-158.74	0.0	0.0	0.0	0.0	129.05
						13.0	-158.74	-39.71	0.0	0.0	0.0	0.0
50	86	108.53	0.0	0.0	-66.79	0.0	-118.18	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-118.18	0.0	0.0	0.0	0.0	108.53
						13.0	-118.18	-33.39	0.0	0.0	0.0	0.0
50	87	123.18	0.0	0.0	-75.81	0.0	-131.11	37.90	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-131.11	0.0	0.0	0.0	0.0	123.18
						13.0	-131.11	-37.90	0.0	0.0	0.0	0.0
50	91	108.53	0.0	0.0	-66.79	0.0	-118.18	33.39	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-118.18	0.0	0.0	0.0	0.0	108.53
						13.0	-118.18	-33.39	0.0	0.0	0.0	0.0
50	92	117.32	0.0	0.0	-72.20	0.0	-125.94	36.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	6.5	-125.94	0.0	0.0	0.0	0.0	117.32
						13.0	-125.94	-36.10	0.0	0.0	0.0	0.0
51	5	482.14	0.0	0.0	-139.62	0.0	-68.95	69.81	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-68.95	-1.06e-06	0.0	0.0	0.0	482.14
						27.6	-68.95	-69.81	0.0	0.0	0.0	0.0
51	11	784.02	0.0	0.0	-227.05	0.0	-174.55	113.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-174.55	0.0	0.0	0.0	0.0	784.02
						27.6	-174.55	-113.52	0.0	0.0	0.0	0.0
51	32	529.78	0.0	0.0	-153.42	0.0	42.36	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	42.36	0.0	0.0	0.0	0.0	529.78
						27.6	42.36	-76.71	0.0	0.0	0.0	0.0
51	33	529.78	0.0	0.0	-153.42	0.0	-199.35	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-199.35	0.0	0.0	0.0	0.0	529.78
						27.6	-199.35	-76.71	0.0	0.0	0.0	0.0
51	64	529.78	0.0	0.0	-153.42	0.0	75.02	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	75.02	0.0	0.0	0.0	0.0	529.78
						27.6	75.02	-76.71	0.0	0.0	0.0	0.0
51	65	529.78	0.0	0.0	-153.42	0.0	-232.01	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-232.01	0.0	0.0	0.0	0.0	529.78
						27.6	-232.01	-76.71	0.0	0.0	0.0	0.0
51	79	490.08	0.0	0.0	-141.92	0.0	-71.92	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-71.92	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-71.92	-70.96	0.0	0.0	0.0	0.0
51	85	582.73	0.0	0.0	-168.75	0.0	-123.97	84.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-123.97	0.0	0.0	0.0	0.0	582.73
						27.6	-123.97	-84.38	0.0	0.0	0.0	0.0

51	86	490.08	0.0	0.0	-141.92	0.0	-71.92	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-71.92	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-71.92	-70.96	0.0	0.0	0.0	0.0
51	90	529.78	0.0	0.0	-153.42	0.0	-85.84	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-85.84	0.0	0.0	0.0	0.0	529.78
						27.6	-85.84	-76.71	0.0	0.0	0.0	0.0
51	91	490.08	0.0	0.0	-141.92	0.0	-71.92	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-71.92	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	-71.92	-70.96	0.0	0.0	0.0	0.0
51	92	529.78	0.0	0.0	-153.42	0.0	-78.49	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-78.49	0.0	0.0	0.0	0.0	529.78
						27.6	-78.49	-76.71	0.0	0.0	0.0	0.0
52	5	1928.54	0.0	0.0	-279.25	0.0	36.42	139.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	36.42	-2.12e-06	0.0	0.0	0.0	1928.54
						55.2	36.42	-139.62	0.0	0.0	0.0	0.0
52	11	3136.07	0.0	0.0	-454.09	0.0	57.52	227.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	57.52	-1.20e-06	0.0	0.0	0.0	3136.07
						55.2	57.52	-227.05	0.0	0.0	0.0	0.0
52	31	2119.14	0.0	0.0	-306.84	0.0	-12.42	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-12.42	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-12.42	-153.42	0.0	0.0	0.0	0.0
52	34	2119.14	0.0	0.0	-306.84	0.0	86.19	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	86.19	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	86.19	-153.42	0.0	0.0	0.0	0.0
52	63	2119.14	0.0	0.0	-306.84	0.0	-25.74	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	-25.74	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	-25.74	-153.42	0.0	0.0	0.0	0.0
52	66	2119.14	0.0	0.0	-306.84	0.0	99.51	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	99.51	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	99.51	-153.42	0.0	0.0	0.0	0.0
52	79	1960.31	0.0	0.0	-283.85	0.0	36.69	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	36.69	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	36.69	-141.92	0.0	0.0	0.0	0.0
52	85	2330.91	0.0	0.0	-337.51	0.0	43.06	168.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	43.06	-1.07e-06	0.0	0.0	0.0	2330.91
						55.2	43.06	-168.75	0.0	0.0	0.0	0.0
52	86	1960.31	0.0	0.0	-283.85	0.0	36.69	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	36.69	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	36.69	-141.92	0.0	0.0	0.0	0.0
52	90	2119.14	0.0	0.0	-306.84	0.0	38.07	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	38.07	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	38.07	-153.42	0.0	0.0	0.0	0.0
52	91	1960.31	0.0	0.0	-283.85	0.0	36.69	141.92	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	36.69	-2.14e-06	0.0	0.0	0.0	1960.31
						55.2	36.69	-141.92	0.0	0.0	0.0	0.0
52	92	2119.14	0.0	0.0	-306.84	0.0	36.88	153.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.6	36.88	-1.68e-06	0.0	0.0	0.0	2119.14
						55.2	36.88	-153.42	0.0	0.0	0.0	0.0
53	5	477.78	0.0	0.0	-138.99	0.0	29.35	69.50	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.35	0.0	0.0	0.0	0.0	477.78
						27.5	29.35	-69.50	0.0	0.0	0.0	0.0
53	11	776.94	0.0	0.0	-226.02	0.0	39.81	113.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	39.81	1.21e-06	0.0	0.0	0.0	776.94
						27.5	39.81	-113.01	0.0	0.0	0.0	0.0
53	36	525.00	0.0	0.0	-152.73	0.0	136.50	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	136.50	0.0	0.0	0.0	0.0	525.00
						27.5	136.50	-76.36	0.0	0.0	0.0	0.0
53	37	525.00	0.0	0.0	-152.73	0.0	-77.53	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-77.53	0.0	0.0	0.0	0.0	525.00
						27.5	-77.53	-76.36	0.0	0.0	0.0	0.0
53	68	525.00	0.0	0.0	-152.73	0.0	165.42	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	165.42	0.0	0.0	0.0	0.0	525.00
						27.5	165.42	-76.36	0.0	0.0	0.0	0.0
53	69	525.00	0.0	0.0	-152.73	0.0	-106.45	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-106.45	0.0	0.0	0.0	0.0	525.00
						27.5	-106.45	-76.36	0.0	0.0	0.0	0.0
53	79	485.65	0.0	0.0	-141.28	0.0	29.24	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.24	0.0	0.0	0.0	0.0	485.65
						27.5	29.24	-70.64	0.0	0.0	0.0	0.0
53	85	577.47	0.0	0.0	-167.99	0.0	30.51	83.99	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	30.51	0.0	0.0	0.0	0.0	577.47
						27.5	30.51	-83.99	0.0	0.0	0.0	0.0
53	86	485.65	0.0	0.0	-141.28	0.0	29.24	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.24	0.0	0.0	0.0	0.0	485.65
						27.5	29.24	-70.64	0.0	0.0	0.0	0.0
53	87	551.23	0.0	0.0	-160.36	0.0	29.65	80.18	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.65	0.0	0.0	0.0	0.0	551.23

						27.5	29.65	-80.18	0.0	0.0	0.0	0.0
53	91	485.65	0.0	0.0	-141.28	0.0	29.24	70.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.24	0.0	0.0	0.0	0.0	485.65
						27.5	29.24	-70.64	0.0	0.0	0.0	0.0
53	92	525.00	0.0	0.0	-152.73	0.0	29.48	76.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	29.48	0.0	0.0	0.0	0.0	525.00
						27.5	29.48	-76.36	0.0	0.0	0.0	0.0
54	3	851.23	0.0	0.0	-245.40	0.0	-44.89	122.70	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-44.89	-2.11e-06	0.0	0.0	0.0	851.23
						27.8	-44.89	-122.70	0.0	0.0	0.0	0.0
54	12	486.51	0.0	0.0	-140.25	0.0	-15.99	70.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-15.99	-1.21e-06	0.0	0.0	0.0	486.51
						27.8	-15.99	-70.13	0.0	0.0	0.0	0.0
54	31	534.59	0.0	0.0	-154.12	0.0	-148.02	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-148.02	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-148.02	-77.06	0.0	0.0	0.0	0.0
54	34	534.59	0.0	0.0	-154.12	0.0	88.51	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	88.51	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	88.51	-77.06	0.0	0.0	0.0	0.0
54	63	534.59	0.0	0.0	-154.12	0.0	-179.98	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-179.98	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-179.98	-77.06	0.0	0.0	0.0	0.0
54	66	534.59	0.0	0.0	-154.12	0.0	120.47	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	120.47	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	120.47	-77.06	0.0	0.0	0.0	0.0
54	81	628.08	0.0	0.0	-181.07	0.0	-33.60	90.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-33.60	-1.57e-06	0.0	0.0	0.0	628.08
						27.8	-33.60	-90.53	0.0	0.0	0.0	0.0
54	83	494.52	0.0	0.0	-142.56	0.0	-20.10	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-20.10	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-20.10	-71.28	0.0	0.0	0.0	0.0
54	87	561.30	0.0	0.0	-161.82	0.0	-30.85	80.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-30.85	-1.38e-06	0.0	0.0	0.0	561.30
						27.8	-30.85	-80.91	0.0	0.0	0.0	0.0
54	88	494.52	0.0	0.0	-142.56	0.0	-26.50	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-26.50	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-26.50	-71.28	0.0	0.0	0.0	0.0
54	91	494.52	0.0	0.0	-142.56	0.0	-28.10	71.28	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-28.10	-1.19e-06	0.0	0.0	0.0	494.52
						27.8	-28.10	-71.28	0.0	0.0	0.0	0.0
54	92	534.59	0.0	0.0	-154.12	0.0	-29.75	77.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	-29.75	-1.31e-06	0.0	0.0	0.0	534.59
						27.8	-29.75	-77.06	0.0	0.0	0.0	0.0
55	5	635.11	0.0	0.0	-104.76	0.0	411.56	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	411.56	1.07e-06	0.0	0.0	0.0	635.11
						48.5	411.56	-52.38	0.0	0.0	0.0	0.0
55	11	825.64	0.0	0.0	-136.19	0.0	991.08	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	991.08	1.39e-06	0.0	0.0	0.0	825.64
						48.5	991.08	-68.09	0.0	0.0	0.0	0.0
55	43	635.11	0.0	0.0	-104.76	0.0	343.88	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	343.88	1.07e-06	0.0	0.0	0.0	635.11
						48.5	343.88	-52.38	0.0	0.0	0.0	0.0
55	46	635.11	0.0	0.0	-104.76	0.0	572.16	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	572.16	1.07e-06	0.0	0.0	0.0	635.11
						48.5	572.16	-52.38	0.0	0.0	0.0	0.0
55	75	635.11	0.0	0.0	-104.76	0.0	312.82	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	312.82	1.07e-06	0.0	0.0	0.0	635.11
						48.5	312.82	-52.38	0.0	0.0	0.0	0.0
55	78	635.11	0.0	0.0	-104.76	0.0	603.21	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	603.21	1.07e-06	0.0	0.0	0.0	635.11
						48.5	603.21	-52.38	0.0	0.0	0.0	0.0
55	79	635.11	0.0	0.0	-104.76	0.0	428.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	428.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	428.35	-52.38	0.0	0.0	0.0	0.0
55	85	635.11	0.0	0.0	-104.76	0.0	706.64	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	706.64	1.07e-06	0.0	0.0	0.0	635.11
						48.5	706.64	-52.38	0.0	0.0	0.0	0.0
55	86	635.11	0.0	0.0	-104.76	0.0	428.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	428.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	428.35	-52.38	0.0	0.0	0.0	0.0
55	90	635.11	0.0	0.0	-104.76	0.0	499.83	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	499.83	1.07e-06	0.0	0.0	0.0	635.11
						48.5	499.83	-52.38	0.0	0.0	0.0	0.0
55	91	635.11	0.0	0.0	-104.76	0.0	428.35	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	428.35	1.07e-06	0.0	0.0	0.0	635.11
						48.5	428.35	-52.38	0.0	0.0	0.0	0.0
55	92	635.11	0.0	0.0	-104.76	0.0	458.02	52.38	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.2	458.02	1.07e-06	0.0	0.0	0.0	635.11
						48.5	458.02	-52.38	0.0	0.0	0.0	0.0
56	5	1026.75	0.0	0.0	-133.20	0.0	516.68	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	516.68	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	516.68	-66.60	0.0	0.0	0.0	0.0
56	11	1334.78	0.0	0.0	-173.16	0.0	1174.32	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	1174.32	-1.98e-06	0.0	0.0	0.0	1334.78
						61.7	1174.32	-86.58	0.0	0.0	0.0	0.0
56	24	1026.75	0.0	0.0	-133.20	0.0	477.56	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	477.56	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	477.56	-66.60	0.0	0.0	0.0	0.0
56	25	1026.75	0.0	0.0	-133.20	0.0	662.55	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	662.55	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	662.55	-66.60	0.0	0.0	0.0	0.0
56	56	1026.75	0.0	0.0	-133.20	0.0	452.48	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	452.48	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	452.48	-66.60	0.0	0.0	0.0	0.0
56	57	1026.75	0.0	0.0	-133.20	0.0	687.63	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	687.63	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	687.63	-66.60	0.0	0.0	0.0	0.0
56	79	1026.75	0.0	0.0	-133.20	0.0	535.70	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	535.70	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	535.70	-66.60	0.0	0.0	0.0	0.0
56	85	1026.75	0.0	0.0	-133.20	0.0	841.63	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	841.63	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	841.63	-66.60	0.0	0.0	0.0	0.0
56	86	1026.75	0.0	0.0	-133.20	0.0	535.70	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	535.70	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	535.70	-66.60	0.0	0.0	0.0	0.0
56	90	1026.75	0.0	0.0	-133.20	0.0	615.21	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	615.21	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	615.21	-66.60	0.0	0.0	0.0	0.0
56	91	1026.75	0.0	0.0	-133.20	0.0	535.70	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	535.70	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	535.70	-66.60	0.0	0.0	0.0	0.0
56	92	1026.75	0.0	0.0	-133.20	0.0	570.05	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	570.05	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	570.05	-66.60	0.0	0.0	0.0	0.0
57	5	702.27	0.0	0.0	-110.16	0.0	416.34	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	416.34	1.83e-06	0.0	0.0	0.0	702.27
						51.0	416.34	-55.08	0.0	0.0	0.0	0.0
57	11	912.95	0.0	0.0	-143.21	0.0	986.40	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	986.40	2.38e-06	0.0	0.0	0.0	912.95
						51.0	986.40	-71.60	0.0	0.0	0.0	0.0
57	44	702.27	0.0	0.0	-110.16	0.0	549.32	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	549.32	1.83e-06	0.0	0.0	0.0	702.27
						51.0	549.32	-55.08	0.0	0.0	0.0	0.0
57	45	702.27	0.0	0.0	-110.16	0.0	373.08	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	373.08	1.83e-06	0.0	0.0	0.0	702.27
						51.0	373.08	-55.08	0.0	0.0	0.0	0.0
57	76	702.27	0.0	0.0	-110.16	0.0	573.29	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	573.29	1.83e-06	0.0	0.0	0.0	702.27
						51.0	573.29	-55.08	0.0	0.0	0.0	0.0
57	77	702.27	0.0	0.0	-110.16	0.0	349.11	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	349.11	1.83e-06	0.0	0.0	0.0	702.27
						51.0	349.11	-55.08	0.0	0.0	0.0	0.0
57	79	702.27	0.0	0.0	-110.16	0.0	432.60	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	432.60	1.83e-06	0.0	0.0	0.0	702.27
						51.0	432.60	-55.08	0.0	0.0	0.0	0.0
57	85	702.27	0.0	0.0	-110.16	0.0	704.44	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	704.44	1.83e-06	0.0	0.0	0.0	702.27
						51.0	704.44	-55.08	0.0	0.0	0.0	0.0
57	86	702.27	0.0	0.0	-110.16	0.0	432.60	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	432.60	1.83e-06	0.0	0.0	0.0	702.27
						51.0	432.60	-55.08	0.0	0.0	0.0	0.0
57	90	702.27	0.0	0.0	-110.16	0.0	502.22	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	502.22	1.83e-06	0.0	0.0	0.0	702.27
						51.0	502.22	-55.08	0.0	0.0	0.0	0.0
57	91	702.27	0.0	0.0	-110.16	0.0	432.60	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	432.60	1.83e-06	0.0	0.0	0.0	702.27
						51.0	432.60	-55.08	0.0	0.0	0.0	0.0
57	92	702.27	0.0	0.0	-110.16	0.0	461.20	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	461.20	1.83e-06	0.0	0.0	0.0	702.27
						51.0	461.20	-55.08	0.0	0.0	0.0	0.0
58	5	635.11	0.0	0.0	-104.76	0.0	464.11	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	464.11	1.07e-06	0.0	0.0	0.0	635.11
						48.5	464.11	-52.38	0.0	0.0	0.0	0.0

58	11	825.64	0.0	0.0	-136.19	0.0	1042.82	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	1042.82	1.39e-06	0.0	0.0	0.0	825.64
						48.5	1042.82	-68.09	0.0	0.0	0.0	0.0
58	15	635.11	0.0	0.0	-104.76	0.0	383.07	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	383.07	1.07e-06	0.0	0.0	0.0	635.11
						48.5	383.07	-52.38	0.0	0.0	0.0	0.0
58	18	635.11	0.0	0.0	-104.76	0.0	638.37	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	638.37	1.07e-06	0.0	0.0	0.0	635.11
						48.5	638.37	-52.38	0.0	0.0	0.0	0.0
58	47	635.11	0.0	0.0	-104.76	0.0	348.54	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	348.54	1.07e-06	0.0	0.0	0.0	635.11
						48.5	348.54	-52.38	0.0	0.0	0.0	0.0
58	50	635.11	0.0	0.0	-104.76	0.0	672.91	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	672.91	1.07e-06	0.0	0.0	0.0	635.11
						48.5	672.91	-52.38	0.0	0.0	0.0	0.0
58	79	635.11	0.0	0.0	-104.76	0.0	480.71	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	480.71	1.07e-06	0.0	0.0	0.0	635.11
						48.5	480.71	-52.38	0.0	0.0	0.0	0.0
58	85	635.11	0.0	0.0	-104.76	0.0	748.24	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	748.24	1.07e-06	0.0	0.0	0.0	635.11
						48.5	748.24	-52.38	0.0	0.0	0.0	0.0
58	86	635.11	0.0	0.0	-104.76	0.0	480.71	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	480.71	1.07e-06	0.0	0.0	0.0	635.11
						48.5	480.71	-52.38	0.0	0.0	0.0	0.0
58	90	635.11	0.0	0.0	-104.76	0.0	550.22	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	550.22	1.07e-06	0.0	0.0	0.0	635.11
						48.5	550.22	-52.38	0.0	0.0	0.0	0.0
58	91	635.11	0.0	0.0	-104.76	0.0	480.71	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	480.71	1.07e-06	0.0	0.0	0.0	635.11
						48.5	480.71	-52.38	0.0	0.0	0.0	0.0
58	92	635.11	0.0	0.0	-104.76	0.0	510.72	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	510.72	1.07e-06	0.0	0.0	0.0	635.11
						48.5	510.72	-52.38	0.0	0.0	0.0	0.0
59	5	635.11	0.0	0.0	-104.76	0.0	327.77	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	327.77	1.07e-06	0.0	0.0	0.0	635.11
						48.5	327.77	-52.38	0.0	0.0	0.0	0.0
59	11	825.64	0.0	0.0	-136.19	0.0	815.48	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	815.48	1.39e-06	0.0	0.0	0.0	825.64
						48.5	815.48	-68.09	0.0	0.0	0.0	0.0
59	43	635.11	0.0	0.0	-104.76	0.0	240.09	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	240.09	1.07e-06	0.0	0.0	0.0	635.11
						48.5	240.09	-52.38	0.0	0.0	0.0	0.0
59	46	635.11	0.0	0.0	-104.76	0.0	494.10	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	494.10	1.07e-06	0.0	0.0	0.0	635.11
						48.5	494.10	-52.38	0.0	0.0	0.0	0.0
59	75	635.11	0.0	0.0	-104.76	0.0	205.54	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	205.54	1.07e-06	0.0	0.0	0.0	635.11
						48.5	205.54	-52.38	0.0	0.0	0.0	0.0
59	78	635.11	0.0	0.0	-104.76	0.0	528.65	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	528.65	1.07e-06	0.0	0.0	0.0	635.11
						48.5	528.65	-52.38	0.0	0.0	0.0	0.0
59	79	635.11	0.0	0.0	-104.76	0.0	342.02	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	342.02	1.07e-06	0.0	0.0	0.0	635.11
						48.5	342.02	-52.38	0.0	0.0	0.0	0.0
59	85	635.11	0.0	0.0	-104.76	0.0	579.75	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	579.75	1.07e-06	0.0	0.0	0.0	635.11
						48.5	579.75	-52.38	0.0	0.0	0.0	0.0
59	86	635.11	0.0	0.0	-104.76	0.0	342.02	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	342.02	1.07e-06	0.0	0.0	0.0	635.11
						48.5	342.02	-52.38	0.0	0.0	0.0	0.0
59	90	635.11	0.0	0.0	-104.76	0.0	402.94	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	402.94	1.07e-06	0.0	0.0	0.0	635.11
						48.5	402.94	-52.38	0.0	0.0	0.0	0.0
59	91	635.11	0.0	0.0	-104.76	0.0	342.02	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	342.02	1.07e-06	0.0	0.0	0.0	635.11
						48.5	342.02	-52.38	0.0	0.0	0.0	0.0
59	92	635.11	0.0	0.0	-104.76	0.0	367.10	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	367.10	1.07e-06	0.0	0.0	0.0	635.11
						48.5	367.10	-52.38	0.0	0.0	0.0	0.0
60	5	1026.75	0.0	0.0	-133.20	0.0	375.16	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	375.16	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	375.16	-66.60	0.0	0.0	0.0	0.0
60	11	1334.77	0.0	0.0	-173.16	0.0	905.80	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	905.80	-1.98e-06	0.0	0.0	0.0	1334.77
						61.7	905.80	-86.58	0.0	0.0	0.0	0.0
60	24	1026.75	0.0	0.0	-133.20	0.0	319.46	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	319.46	-1.53e-06	0.0	0.0	0.0	1026.75

60	25	1026.75	0.0	0.0	-133.20	61.7	319.46	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	520.85	66.60	0.0	0.0	0.0	0.0
60	56	1026.75	0.0	0.0	-133.20	30.8	520.85	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	520.85	-66.60	0.0	0.0	0.0	0.0
60	57	1026.75	0.0	0.0	-133.20	0.0	292.16	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	292.16	-1.53e-06	0.0	0.0	0.0	1026.75
60	79	1026.75	0.0	0.0	-133.20	61.7	292.16	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	548.15	66.60	0.0	0.0	0.0	0.0
60	85	1026.75	0.0	0.0	-133.20	30.8	548.15	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	548.15	-66.60	0.0	0.0	0.0	0.0
60	86	1026.75	0.0	0.0	-133.20	0.0	391.14	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	391.14	-1.53e-06	0.0	0.0	0.0	1026.75
60	90	1026.75	0.0	0.0	-133.20	61.7	391.14	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	457.46	66.60	0.0	0.0	0.0	0.0
60	91	1026.75	0.0	0.0	-133.20	30.8	457.46	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	457.46	-66.60	0.0	0.0	0.0	0.0
60	92	1026.75	0.0	0.0	-133.20	0.0	391.14	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	391.14	-1.53e-06	0.0	0.0	0.0	1026.75
61	5	758.43	0.0	0.0	-114.48	61.7	420.16	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	420.16	-1.53e-06	0.0	0.0	0.0	0.0
61	11	985.96	0.0	0.0	-148.82	30.8	420.16	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	61.7	420.16	-66.60	0.0	0.0	0.0	0.0
61	39	758.43	0.0	0.0	-114.48	0.0	1018.54	74.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.5	1018.54	2.18e-06	0.0	0.0	0.0	985.96
61	42	758.43	0.0	0.0	-114.48	53.0	1018.54	-74.41	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	552.04	57.24	0.0	0.0	0.0	0.0
61	71	758.43	0.0	0.0	-114.48	26.5	552.04	1.68e-06	0.0	0.0	0.0	758.43
		0.0	0.0	0.0	0.0	53.0	552.04	-57.24	0.0	0.0	0.0	0.0
61	74	758.43	0.0	0.0	-114.48	0.0	377.07	57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.5	377.07	1.68e-06	0.0	0.0	0.0	758.43
61	79	758.43	0.0	0.0	-114.48	53.0	377.07	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	575.94	57.24	0.0	0.0	0.0	0.0
61	85	758.43	0.0	0.0	-114.48	26.5	575.94	1.68e-06	0.0	0.0	0.0	758.43
		0.0	0.0	0.0	0.0	53.0	575.94	-57.24	0.0	0.0	0.0	0.0
61	86	758.43	0.0	0.0	-114.48	0.0	353.17	57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.5	353.17	1.68e-06	0.0	0.0	0.0	758.43
61	90	758.43	0.0	0.0	-114.48	53.0	353.17	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	433.77	57.24	0.0	0.0	0.0	0.0
61	91	758.43	0.0	0.0	-114.48	26.5	433.77	1.68e-06	0.0	0.0	0.0	758.43
		0.0	0.0	0.0	0.0	53.0	433.77	-57.24	0.0	0.0	0.0	0.0
61	92	758.43	0.0	0.0	-114.48	0.0	464.56	57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	26.5	464.56	1.68e-06	0.0	0.0	0.0	758.43
62	5	1004.67	0.0	0.0	-131.76	53.0	464.56	-57.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	513.33	65.88	0.0	0.0	0.0	0.0
62	11	1306.07	0.0	0.0	-171.29	30.5	513.33	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	513.33	-65.88	0.0	0.0	0.0	0.0
62	20	1004.67	0.0	0.0	-131.76	0.0	1164.80	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	1164.80	-3.57e-06	0.0	0.0	0.0	1306.07
62	21	1004.67	0.0	0.0	-131.76	61.0	1164.80	-85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	676.90	65.88	0.0	0.0	0.0	0.0
62	52	1004.67	0.0	0.0	-131.76	30.5	676.90	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	676.90	-65.88	0.0	0.0	0.0	0.0
						0.0	454.84	65.88	0.0	0.0	0.0	0.0
						30.5	454.84	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	454.84	-65.88	0.0	0.0	0.0	0.0
						0.0	706.88	65.88	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	30.5	706.88	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	706.88	-65.88	0.0	0.0	0.0	0.0
62	53	1004.67	0.0	0.0	-131.76	0.0	424.86	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	424.86	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	424.86	-65.88	0.0	0.0	0.0	0.0
62	79	1004.67	0.0	0.0	-131.76	0.0	532.08	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	532.08	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	532.08	-65.88	0.0	0.0	0.0	0.0
62	85	1004.67	0.0	0.0	-131.76	0.0	834.98	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	834.98	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	834.98	-65.88	0.0	0.0	0.0	0.0
62	86	1004.67	0.0	0.0	-131.76	0.0	532.08	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	532.08	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	532.08	-65.88	0.0	0.0	0.0	0.0
62	90	1004.67	0.0	0.0	-131.76	0.0	610.68	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	610.68	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	610.68	-65.88	0.0	0.0	0.0	0.0
62	91	1004.67	0.0	0.0	-131.76	0.0	532.08	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	532.08	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	532.08	-65.88	0.0	0.0	0.0	0.0
62	92	1004.67	0.0	0.0	-131.76	0.0	565.87	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	565.87	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	565.87	-65.88	0.0	0.0	0.0	0.0
63	5	972.00	0.0	0.0	-129.60	0.0	302.37	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	302.37	3.05e-06	0.0	0.0	0.0	972.00
						60.0	302.37	-64.80	0.0	0.0	0.0	0.0
63	11	1263.60	0.0	0.0	-168.48	0.0	770.22	84.24	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	770.22	3.97e-06	0.0	0.0	0.0	1263.60
						60.0	770.22	-84.24	0.0	0.0	0.0	0.0
63	39	972.00	0.0	0.0	-129.60	0.0	434.62	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	434.62	3.05e-06	0.0	0.0	0.0	972.00
						60.0	434.62	-64.80	0.0	0.0	0.0	0.0
63	42	972.00	0.0	0.0	-129.60	0.0	245.23	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	245.23	3.05e-06	0.0	0.0	0.0	972.00
						60.0	245.23	-64.80	0.0	0.0	0.0	0.0
63	71	972.00	0.0	0.0	-129.60	0.0	460.48	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	460.48	3.05e-06	0.0	0.0	0.0	972.00
						60.0	460.48	-64.80	0.0	0.0	0.0	0.0
63	74	972.00	0.0	0.0	-129.60	0.0	219.37	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	219.37	3.05e-06	0.0	0.0	0.0	972.00
						60.0	219.37	-64.80	0.0	0.0	0.0	0.0
63	79	972.00	0.0	0.0	-129.60	0.0	316.02	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	316.02	3.05e-06	0.0	0.0	0.0	972.00
						60.0	316.02	-64.80	0.0	0.0	0.0	0.0
63	85	972.00	0.0	0.0	-129.60	0.0	546.52	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	546.52	3.05e-06	0.0	0.0	0.0	972.00
						60.0	546.52	-64.80	0.0	0.0	0.0	0.0
63	86	972.00	0.0	0.0	-129.60	0.0	316.02	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	316.02	3.05e-06	0.0	0.0	0.0	972.00
						60.0	316.02	-64.80	0.0	0.0	0.0	0.0
63	90	972.00	0.0	0.0	-129.60	0.0	374.87	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	374.87	3.05e-06	0.0	0.0	0.0	972.00
						60.0	374.87	-64.80	0.0	0.0	0.0	0.0
63	91	972.00	0.0	0.0	-129.60	0.0	316.02	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	316.02	3.05e-06	0.0	0.0	0.0	972.00
						60.0	316.02	-64.80	0.0	0.0	0.0	0.0
63	92	972.00	0.0	0.0	-129.60	0.0	339.93	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	339.93	3.05e-06	0.0	0.0	0.0	972.00
						60.0	339.93	-64.80	0.0	0.0	0.0	0.0
64	5	1004.67	0.0	0.0	-131.76	0.0	368.67	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	368.67	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	368.67	-65.88	0.0	0.0	0.0	0.0
64	11	1306.07	0.0	0.0	-171.29	0.0	883.57	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	883.57	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	883.57	-85.64	0.0	0.0	0.0	0.0
64	20	1004.67	0.0	0.0	-131.76	0.0	539.16	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	539.16	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	539.16	-65.88	0.0	0.0	0.0	0.0
64	21	1004.67	0.0	0.0	-131.76	0.0	284.52	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	284.52	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	284.52	-65.88	0.0	0.0	0.0	0.0
64	52	1004.67	0.0	0.0	-131.76	0.0	573.55	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	573.55	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	573.55	-65.88	0.0	0.0	0.0	0.0
64	53	1004.67	0.0	0.0	-131.76	0.0	250.13	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	250.13	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	250.13	-65.88	0.0	0.0	0.0	0.0

64	79	1004.67	0.0	0.0	-131.76	0.0	384.03	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	384.03	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	384.03	-65.88	0.0	0.0	0.0	0.0
64	85	1004.67	0.0	0.0	-131.76	0.0	630.02	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	630.02	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	630.02	-65.88	0.0	0.0	0.0	0.0
64	86	1004.67	0.0	0.0	-131.76	0.0	384.03	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	384.03	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	384.03	-65.88	0.0	0.0	0.0	0.0
64	90	1004.67	0.0	0.0	-131.76	0.0	448.06	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	448.06	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	448.06	-65.88	0.0	0.0	0.0	0.0
64	91	1004.67	0.0	0.0	-131.76	0.0	384.03	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	384.03	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	384.03	-65.88	0.0	0.0	0.0	0.0
64	92	1004.67	0.0	0.0	-131.76	0.0	411.84	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	411.84	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	411.84	-65.88	0.0	0.0	0.0	0.0
65	5	635.11	0.0	0.0	-104.76	0.0	-13.72	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-13.72	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-13.72	-52.38	0.0	0.0	0.0	0.0
65	11	825.64	0.0	0.0	-136.19	0.0	195.08	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	195.08	1.39e-06	0.0	0.0	0.0	825.64
						48.5	195.08	-68.09	0.0	0.0	0.0	0.0
65	27	635.11	0.0	0.0	-104.76	0.0	-199.95	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-199.95	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-199.95	-52.38	0.0	0.0	0.0	0.0
65	30	635.11	0.0	0.0	-104.76	0.0	212.04	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	212.04	1.07e-06	0.0	0.0	0.0	635.11
						48.5	212.04	-52.38	0.0	0.0	0.0	0.0
65	59	635.11	0.0	0.0	-104.76	0.0	-256.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-256.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-256.05	-52.38	0.0	0.0	0.0	0.0
65	62	635.11	0.0	0.0	-104.76	0.0	268.14	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	268.14	1.07e-06	0.0	0.0	0.0	635.11
						48.5	268.14	-52.38	0.0	0.0	0.0	0.0
65	79	635.11	0.0	0.0	-104.76	0.0	-6.34	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-6.34	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-6.34	-52.38	0.0	0.0	0.0	0.0
65	85	635.11	0.0	0.0	-104.76	0.0	124.28	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	124.28	1.07e-06	0.0	0.0	0.0	635.11
						48.5	124.28	-52.38	0.0	0.0	0.0	0.0
65	86	635.11	0.0	0.0	-104.76	0.0	-6.34	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-6.34	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-6.34	-52.38	0.0	0.0	0.0	0.0
65	90	635.11	0.0	0.0	-104.76	0.0	26.39	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	26.39	1.07e-06	0.0	0.0	0.0	635.11
						48.5	26.39	-52.38	0.0	0.0	0.0	0.0
65	91	635.11	0.0	0.0	-104.76	0.0	-6.34	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-6.34	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-6.34	-52.38	0.0	0.0	0.0	0.0
65	92	635.11	0.0	0.0	-104.76	0.0	6.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	6.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	6.05	-52.38	0.0	0.0	0.0	0.0
66	1	1334.78	0.0	0.0	-173.16	0.0	-358.49	86.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-358.49	-1.98e-06	0.0	0.0	0.0	1334.78
						61.7	-358.49	-86.58	0.0	0.0	0.0	0.0
66	14	1026.75	0.0	0.0	-133.20	0.0	-148.54	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-148.54	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-148.54	-66.60	0.0	0.0	0.0	0.0
66	36	1026.75	0.0	0.0	-133.20	0.0	-456.70	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-456.70	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-456.70	-66.60	0.0	0.0	0.0	0.0
66	37	1026.75	0.0	0.0	-133.20	0.0	-80.09	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-80.09	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-80.09	-66.60	0.0	0.0	0.0	0.0
66	68	1026.75	0.0	0.0	-133.20	0.0	-507.88	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-507.88	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-507.88	-66.60	0.0	0.0	0.0	0.0
66	69	1026.75	0.0	0.0	-133.20	0.0	-28.91	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-28.91	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-28.91	-66.60	0.0	0.0	0.0	0.0
66	79	1026.75	0.0	0.0	-133.20	0.0	-280.71	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-280.71	-1.53e-06	0.0	0.0	0.0	1026.75
						61.7	-280.71	-66.60	0.0	0.0	0.0	0.0
66	85	1026.75	0.0	0.0	-133.20	0.0	-188.31	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-188.31	-1.53e-06	0.0	0.0	0.0	1026.75

66	86	1026.75	0.0	0.0	0.0	61.7	-188.31	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	-133.20	0.0	-280.71	66.60	0.0	0.0	0.0	0.0
66	90	1026.75	0.0	0.0	0.0	30.8	-280.71	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	-280.71	-66.60	0.0	0.0	0.0	0.0
66	91	1026.75	0.0	0.0	0.0	0.0	-255.66	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-255.66	-1.53e-06	0.0	0.0	0.0	1026.75
66	92	1026.75	0.0	0.0	0.0	61.7	-255.66	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-280.71	66.60	0.0	0.0	0.0	0.0
67	1	1263.60	0.0	0.0	0.0	30.8	-280.71	-1.53e-06	0.0	0.0	0.0	1026.75
		0.0	0.0	0.0	0.0	61.7	-280.71	-66.60	0.0	0.0	0.0	0.0
67	14	972.00	0.0	0.0	0.0	0.0	-268.39	66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.8	-268.39	-1.53e-06	0.0	0.0	0.0	1026.75
67	15	972.00	0.0	0.0	0.0	61.7	-268.39	-66.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-137.11	84.24	0.0	0.0	0.0	0.0
67	18	972.00	0.0	0.0	0.0	30.0	-137.11	3.97e-06	0.0	0.0	0.0	1263.60
		0.0	0.0	0.0	0.0	60.0	-137.11	-84.24	0.0	0.0	0.0	0.0
67	47	972.00	0.0	0.0	0.0	0.0	-50.56	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-50.56	3.05e-06	0.0	0.0	0.0	972.00
67	50	972.00	0.0	0.0	0.0	60.0	-50.56	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	122.07	64.80	0.0	0.0	0.0	0.0
67	79	972.00	0.0	0.0	0.0	30.0	122.07	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	122.07	-64.80	0.0	0.0	0.0	0.0
67	85	972.00	0.0	0.0	0.0	0.0	-331.56	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-331.56	3.05e-06	0.0	0.0	0.0	972.00
67	86	972.00	0.0	0.0	0.0	60.0	-331.56	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	183.58	64.80	0.0	0.0	0.0	0.0
67	90	972.00	0.0	0.0	0.0	30.0	183.58	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	183.58	-64.80	0.0	0.0	0.0	0.0
67	91	972.00	0.0	0.0	0.0	0.0	-393.07	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-393.07	3.05e-06	0.0	0.0	0.0	972.00
67	92	972.00	0.0	0.0	0.0	60.0	-393.07	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-106.65	64.80	0.0	0.0	0.0	0.0
68	1	1306.07	0.0	0.0	0.0	30.0	-106.65	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-106.65	-64.80	0.0	0.0	0.0	0.0
68	14	1004.67	0.0	0.0	0.0	0.0	-68.23	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-68.23	3.05e-06	0.0	0.0	0.0	972.00
68	20	1004.67	0.0	0.0	0.0	60.0	-68.23	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-106.65	64.80	0.0	0.0	0.0	0.0
68	21	1004.67	0.0	0.0	0.0	30.0	-106.65	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-106.65	-64.80	0.0	0.0	0.0	0.0
68	52	1004.67	0.0	0.0	0.0	0.0	-97.95	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-97.95	3.05e-06	0.0	0.0	0.0	972.00
68	53	1004.67	0.0	0.0	0.0	60.0	-97.95	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-106.65	64.80	0.0	0.0	0.0	0.0
68	79	1004.67	0.0	0.0	0.0	30.0	-106.65	3.05e-06	0.0	0.0	0.0	972.00
		0.0	0.0	0.0	0.0	60.0	-106.65	-64.80	0.0	0.0	0.0	0.0
68	85	1004.67	0.0	0.0	0.0	0.0	-104.75	64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.0	-104.75	3.05e-06	0.0	0.0	0.0	972.00
68	86	1004.67	0.0	0.0	0.0	60.0	-104.75	-64.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-386.62	85.64	0.0	0.0	0.0	0.0
68	90	1004.67	0.0	0.0	0.0	30.5	-386.62	-3.57e-06	0.0	0.0	0.0	1306.07
		0.0	0.0	0.0	0.0	61.0	-386.62	-85.64	0.0	0.0	0.0	0.0
68	99	1004.67	0.0	0.0	0.0	0.0	-213.36	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-213.36	-2.75e-06	0.0	0.0	0.0	1004.67
68	100	1004.67	0.0	0.0	0.0	61.0	-213.36	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-76.87	65.88	0.0	0.0	0.0	0.0
68	101	1004.67	0.0	0.0	0.0	30.5	-76.87	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-76.87	-65.88	0.0	0.0	0.0	0.0
68	102	1004.67	0.0	0.0	0.0	0.0	-507.80	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-507.80	-2.75e-06	0.0	0.0	0.0	1004.67
68	103	1004.67	0.0	0.0	0.0	61.0	-507.80	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-18.63	65.88	0.0	0.0	0.0	0.0
68	104	1004.67	0.0	0.0	0.0	30.5	-18.63	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-18.63	-65.88	0.0	0.0	0.0	0.0
68	105	1004.67	0.0	0.0	0.0	0.0	-566.05	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-566.05	-2.75e-06	0.0	0.0	0.0	1004.67
68	106	1004.67	0.0	0.0	0.0	61.0	-566.05	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-300.73	65.88	0.0	0.0	0.0	0.0
68	107	1004.67	0.0	0.0	0.0	30.5	-300.73	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-300.73	-65.88	0.0	0.0	0.0	0.0
68	108	1004.67	0.0	0.0	0.0	0.0	-239.60	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-239.60	-2.75e-06	0.0	0.0	0.0	1004.67
68	109	1004.67	0.0	0.0	0.0	61.0	-239.60	-65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-300.73	65.88	0.0	0.0	0.0	0.0
68	110	1004.67	0.0	0.0	0.0	30.5	-300.73	-2.75e-06	0.0	0.0	0.0	1004.67
		0.0	0.0	0.0	0.0	61.0	-300.73	-65.88	0.0	0.0	0.0	0.0
68	111	1004.67	0.0	0.0	0.0	0.0	-284.03	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-284.03	-65.88	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	30.5	-284.03	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-284.03	-65.88	0.0	0.0	0.0	0.0
68	91	1004.67	0.0	0.0	-131.76	0.0	-300.73	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-300.73	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-300.73	-65.88	0.0	0.0	0.0	0.0
68	92	1004.67	0.0	0.0	-131.76	0.0	-292.34	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-292.34	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-292.34	-65.88	0.0	0.0	0.0	0.0
69	3	825.64	0.0	0.0	-136.19	0.0	-269.20	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-269.20	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-269.20	-68.09	0.0	0.0	0.0	0.0
69	12	635.11	0.0	0.0	-104.76	0.0	-186.69	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-186.69	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-186.69	-52.38	0.0	0.0	0.0	0.0
69	27	635.11	0.0	0.0	-104.76	0.0	-433.92	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-433.92	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-433.92	-52.38	0.0	0.0	0.0	0.0
69	30	635.11	0.0	0.0	-104.76	0.0	25.98	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	25.98	1.07e-06	0.0	0.0	0.0	635.11
						48.5	25.98	-52.38	0.0	0.0	0.0	0.0
69	59	635.11	0.0	0.0	-104.76	0.0	-496.56	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-496.56	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-496.56	-52.38	0.0	0.0	0.0	0.0
69	62	635.11	0.0	0.0	-104.76	0.0	88.61	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	88.61	1.07e-06	0.0	0.0	0.0	635.11
						48.5	88.61	-52.38	0.0	0.0	0.0	0.0
69	81	635.11	0.0	0.0	-104.76	0.0	-206.43	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-206.43	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-206.43	-52.38	0.0	0.0	0.0	0.0
69	83	635.11	0.0	0.0	-104.76	0.0	-192.18	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-192.18	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-192.18	-52.38	0.0	0.0	0.0	0.0
69	87	635.11	0.0	0.0	-104.76	0.0	-204.68	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-204.68	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-204.68	-52.38	0.0	0.0	0.0	0.0
69	88	635.11	0.0	0.0	-104.76	0.0	-200.77	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-200.77	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-200.77	-52.38	0.0	0.0	0.0	0.0
69	91	635.11	0.0	0.0	-104.76	0.0	-202.92	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-202.92	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-202.92	-52.38	0.0	0.0	0.0	0.0
69	92	635.11	0.0	0.0	-104.76	0.0	-203.97	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-203.97	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-203.97	-52.38	0.0	0.0	0.0	0.0
70	5	675.00	0.0	0.0	-108.00	0.0	-706.64	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-706.64	0.0	0.0	0.0	0.0	675.00
						50.0	-706.64	-54.00	0.0	0.0	0.0	0.0
70	11	877.50	0.0	0.0	-140.40	0.0	-962.65	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-962.65	0.0	0.0	0.0	0.0	877.50
						50.0	-962.65	-70.20	0.0	0.0	0.0	0.0
70	44	675.00	0.0	0.0	-108.00	0.0	-936.57	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-936.57	0.0	0.0	0.0	0.0	675.00
						50.0	-936.57	-54.00	0.0	0.0	0.0	0.0
70	45	675.00	0.0	0.0	-108.00	0.0	-479.88	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-479.88	0.0	0.0	0.0	0.0	675.00
						50.0	-479.88	-54.00	0.0	0.0	0.0	0.0
70	76	675.00	0.0	0.0	-108.00	0.0	-998.78	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-998.78	0.0	0.0	0.0	0.0	675.00
						50.0	-998.78	-54.00	0.0	0.0	0.0	0.0
70	77	675.00	0.0	0.0	-108.00	0.0	-417.67	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-417.67	0.0	0.0	0.0	0.0	675.00
						50.0	-417.67	-54.00	0.0	0.0	0.0	0.0
70	79	675.00	0.0	0.0	-108.00	0.0	-707.52	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-707.52	0.0	0.0	0.0	0.0	675.00
						50.0	-707.52	-54.00	0.0	0.0	0.0	0.0
70	85	675.00	0.0	0.0	-108.00	0.0	-735.52	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-735.52	0.0	0.0	0.0	0.0	675.00
						50.0	-735.52	-54.00	0.0	0.0	0.0	0.0
70	86	675.00	0.0	0.0	-108.00	0.0	-707.52	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-707.52	0.0	0.0	0.0	0.0	675.00
						50.0	-707.52	-54.00	0.0	0.0	0.0	0.0
70	90	675.00	0.0	0.0	-108.00	0.0	-713.49	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-713.49	0.0	0.0	0.0	0.0	675.00
						50.0	-713.49	-54.00	0.0	0.0	0.0	0.0
70	91	675.00	0.0	0.0	-108.00	0.0	-707.52	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-707.52	0.0	0.0	0.0	0.0	675.00
						50.0	-707.52	-54.00	0.0	0.0	0.0	0.0

70	92	675.00	0.0	0.0	-108.00	0.0	-708.23	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-708.23	0.0	0.0	0.0	0.0	675.00
						50.0	-708.23	-54.00	0.0	0.0	0.0	0.0
71	5	465.01	0.0	0.0	-89.64	0.0	-248.60	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-248.60	0.0	0.0	0.0	0.0	465.01
						41.5	-248.60	-44.82	0.0	0.0	0.0	0.0
71	11	604.51	0.0	0.0	-116.53	0.0	-426.81	58.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-426.81	0.0	0.0	0.0	0.0	604.51
						41.5	-426.81	-58.27	0.0	0.0	0.0	0.0
71	27	465.01	0.0	0.0	-89.64	0.0	14.09	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	14.09	0.0	0.0	0.0	0.0	465.01
						41.5	14.09	-44.82	0.0	0.0	0.0	0.0
71	30	465.01	0.0	0.0	-89.64	0.0	-539.25	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-539.25	0.0	0.0	0.0	0.0	465.01
						41.5	-539.25	-44.82	0.0	0.0	0.0	0.0
71	59	465.01	0.0	0.0	-89.64	0.0	89.48	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	89.48	0.0	0.0	0.0	0.0	465.01
						41.5	89.48	-44.82	0.0	0.0	0.0	0.0
71	62	465.01	0.0	0.0	-89.64	0.0	-614.65	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-614.65	0.0	0.0	0.0	0.0	465.01
						41.5	-614.65	-44.82	0.0	0.0	0.0	0.0
71	79	465.01	0.0	0.0	-89.64	0.0	-253.28	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-253.28	0.0	0.0	0.0	0.0	465.01
						41.5	-253.28	-44.82	0.0	0.0	0.0	0.0
71	85	465.01	0.0	0.0	-89.64	0.0	-315.19	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-315.19	0.0	0.0	0.0	0.0	465.01
						41.5	-315.19	-44.82	0.0	0.0	0.0	0.0
71	86	465.01	0.0	0.0	-89.64	0.0	-253.28	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-253.28	0.0	0.0	0.0	0.0	465.01
						41.5	-253.28	-44.82	0.0	0.0	0.0	0.0
71	90	465.01	0.0	0.0	-89.64	0.0	-270.62	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-270.62	0.0	0.0	0.0	0.0	465.01
						41.5	-270.62	-44.82	0.0	0.0	0.0	0.0
71	91	465.01	0.0	0.0	-89.64	0.0	-253.28	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-253.28	0.0	0.0	0.0	0.0	465.01
						41.5	-253.28	-44.82	0.0	0.0	0.0	0.0
71	92	465.01	0.0	0.0	-89.64	0.0	-262.58	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-262.58	0.0	0.0	0.0	0.0	465.01
						41.5	-262.58	-44.82	0.0	0.0	0.0	0.0
72	5	1004.67	0.0	0.0	-131.76	0.0	-758.51	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-758.51	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-758.51	-65.88	0.0	0.0	0.0	0.0
72	11	1306.07	0.0	0.0	-171.29	0.0	-1095.58	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1095.58	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-1095.58	-85.64	0.0	0.0	0.0	0.0
72	40	1004.67	0.0	0.0	-131.76	0.0	-543.62	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-543.62	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-543.62	-65.88	0.0	0.0	0.0	0.0
72	41	1004.67	0.0	0.0	-131.76	0.0	-991.53	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-991.53	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-991.53	-65.88	0.0	0.0	0.0	0.0
72	72	1004.67	0.0	0.0	-131.76	0.0	-482.54	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-482.54	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-482.54	-65.88	0.0	0.0	0.0	0.0
72	73	1004.67	0.0	0.0	-131.76	0.0	-1052.61	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-1052.61	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-1052.61	-65.88	0.0	0.0	0.0	0.0
72	79	1004.67	0.0	0.0	-131.76	0.0	-762.01	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-762.01	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-762.01	-65.88	0.0	0.0	0.0	0.0
72	85	1004.67	0.0	0.0	-131.76	0.0	-829.65	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-829.65	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-829.65	-65.88	0.0	0.0	0.0	0.0
72	86	1004.67	0.0	0.0	-131.76	0.0	-762.01	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-762.01	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-762.01	-65.88	0.0	0.0	0.0	0.0
72	90	1004.67	0.0	0.0	-131.76	0.0	-778.51	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-778.51	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-778.51	-65.88	0.0	0.0	0.0	0.0
72	91	1004.67	0.0	0.0	-131.76	0.0	-762.01	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-762.01	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-762.01	-65.88	0.0	0.0	0.0	0.0
72	92	1004.67	0.0	0.0	-131.76	0.0	-767.58	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-767.58	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-767.58	-65.88	0.0	0.0	0.0	0.0
73	5	1004.67	0.0	0.0	-131.76	0.0	-313.53	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-313.53	-2.75e-06	0.0	0.0	0.0	1004.67

						61.0	-313.53	-65.88	0.0	0.0	0.0	0.0
73	11	1306.07	0.0	0.0	-171.29	0.0	-659.11	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-659.11	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-659.11	-85.64	0.0	0.0	0.0	0.0
73	27	1004.67	0.0	0.0	-131.76	0.0	-631.97	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-631.97	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-631.97	-65.88	0.0	0.0	0.0	0.0
73	30	1004.67	0.0	0.0	-131.76	0.0	-53.00	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-53.00	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-53.00	-65.88	0.0	0.0	0.0	0.0
73	59	1004.67	0.0	0.0	-131.76	0.0	-710.81	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-710.81	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-710.81	-65.88	0.0	0.0	0.0	0.0
73	62	1004.67	0.0	0.0	-131.76	0.0	25.84	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	25.84	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	25.84	-65.88	0.0	0.0	0.0	0.0
73	79	1004.67	0.0	0.0	-131.76	0.0	-323.59	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-323.59	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-323.59	-65.88	0.0	0.0	0.0	0.0
73	85	1004.67	0.0	0.0	-131.76	0.0	-475.85	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-475.85	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-475.85	-65.88	0.0	0.0	0.0	0.0
73	86	1004.67	0.0	0.0	-131.76	0.0	-323.59	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-323.59	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-323.59	-65.88	0.0	0.0	0.0	0.0
73	90	1004.67	0.0	0.0	-131.76	0.0	-364.12	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-364.12	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-364.12	-65.88	0.0	0.0	0.0	0.0
73	91	1004.67	0.0	0.0	-131.76	0.0	-323.59	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-323.59	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-323.59	-65.88	0.0	0.0	0.0	0.0
73	92	1004.67	0.0	0.0	-131.76	0.0	-342.49	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-342.49	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-342.49	-65.88	0.0	0.0	0.0	0.0
74	7	675.00	0.0	0.0	-108.00	0.0	-700.95	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-700.95	0.0	0.0	0.0	0.0	675.00
						50.0	-700.95	-54.00	0.0	0.0	0.0	0.0
74	9	877.50	0.0	0.0	-140.40	0.0	-940.71	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-940.71	0.0	0.0	0.0	0.0	877.50
						50.0	-940.71	-70.20	0.0	0.0	0.0	0.0
74	39	675.00	0.0	0.0	-108.00	0.0	-497.39	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-497.39	0.0	0.0	0.0	0.0	675.00
						50.0	-497.39	-54.00	0.0	0.0	0.0	0.0
74	42	675.00	0.0	0.0	-108.00	0.0	-912.69	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-912.69	0.0	0.0	0.0	0.0	675.00
						50.0	-912.69	-54.00	0.0	0.0	0.0	0.0
74	71	675.00	0.0	0.0	-108.00	0.0	-440.75	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-440.75	0.0	0.0	0.0	0.0	675.00
						50.0	-440.75	-54.00	0.0	0.0	0.0	0.0
74	74	675.00	0.0	0.0	-108.00	0.0	-969.34	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-969.34	0.0	0.0	0.0	0.0	675.00
						50.0	-969.34	-54.00	0.0	0.0	0.0	0.0
74	81	675.00	0.0	0.0	-108.00	0.0	-702.61	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-702.61	0.0	0.0	0.0	0.0	675.00
						50.0	-702.61	-54.00	0.0	0.0	0.0	0.0
74	83	675.00	0.0	0.0	-108.00	0.0	-721.34	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-721.34	0.0	0.0	0.0	0.0	675.00
						50.0	-721.34	-54.00	0.0	0.0	0.0	0.0
74	87	675.00	0.0	0.0	-108.00	0.0	-704.35	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-704.35	0.0	0.0	0.0	0.0	675.00
						50.0	-704.35	-54.00	0.0	0.0	0.0	0.0
74	88	675.00	0.0	0.0	-108.00	0.0	-709.14	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-709.14	0.0	0.0	0.0	0.0	675.00
						50.0	-709.14	-54.00	0.0	0.0	0.0	0.0
74	91	675.00	0.0	0.0	-108.00	0.0	-706.09	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-706.09	0.0	0.0	0.0	0.0	675.00
						50.0	-706.09	-54.00	0.0	0.0	0.0	0.0
74	92	675.00	0.0	0.0	-108.00	0.0	-705.04	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-705.04	0.0	0.0	0.0	0.0	675.00
						50.0	-705.04	-54.00	0.0	0.0	0.0	0.0
75	5	465.01	0.0	0.0	-89.64	0.0	-254.30	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-254.30	0.0	0.0	0.0	0.0	465.01
						41.5	-254.30	-44.82	0.0	0.0	0.0	0.0
75	11	604.51	0.0	0.0	-116.53	0.0	-456.18	58.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-456.18	0.0	0.0	0.0	0.0	604.51
						41.5	-456.18	-58.27	0.0	0.0	0.0	0.0
75	27	465.01	0.0	0.0	-89.64	0.0	11.80	44.82	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	20.8	11.80	0.0	0.0	0.0	0.0	465.01
						41.5	11.80	-44.82	0.0	0.0	0.0	0.0
75	30	465.01	0.0	0.0	-89.64	0.0	-553.19	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-553.19	0.0	0.0	0.0	0.0	465.01
						41.5	-553.19	-44.82	0.0	0.0	0.0	0.0
75	59	465.01	0.0	0.0	-89.64	0.0	88.74	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	88.74	0.0	0.0	0.0	0.0	465.01
						41.5	88.74	-44.82	0.0	0.0	0.0	0.0
75	62	465.01	0.0	0.0	-89.64	0.0	-630.13	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-630.13	0.0	0.0	0.0	0.0	465.01
						41.5	-630.13	-44.82	0.0	0.0	0.0	0.0
75	79	465.01	0.0	0.0	-89.64	0.0	-259.83	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-259.83	0.0	0.0	0.0	0.0	465.01
						41.5	-259.83	-44.82	0.0	0.0	0.0	0.0
75	85	465.01	0.0	0.0	-89.64	0.0	-335.08	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-335.08	0.0	0.0	0.0	0.0	465.01
						41.5	-335.08	-44.82	0.0	0.0	0.0	0.0
75	86	465.01	0.0	0.0	-89.64	0.0	-259.83	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-259.83	0.0	0.0	0.0	0.0	465.01
						41.5	-259.83	-44.82	0.0	0.0	0.0	0.0
75	90	465.01	0.0	0.0	-89.64	0.0	-280.67	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-280.67	0.0	0.0	0.0	0.0	465.01
						41.5	-280.67	-44.82	0.0	0.0	0.0	0.0
75	91	465.01	0.0	0.0	-89.64	0.0	-259.83	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-259.83	0.0	0.0	0.0	0.0	465.01
						41.5	-259.83	-44.82	0.0	0.0	0.0	0.0
75	92	465.01	0.0	0.0	-89.64	0.0	-270.69	44.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	20.8	-270.69	0.0	0.0	0.0	0.0	465.01
						41.5	-270.69	-44.82	0.0	0.0	0.0	0.0
76	5	1004.67	0.0	0.0	-131.76	0.0	-681.52	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-681.52	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-681.52	-65.88	0.0	0.0	0.0	0.0
76	11	1306.07	0.0	0.0	-171.29	0.0	-919.27	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-919.27	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-919.27	-85.64	0.0	0.0	0.0	0.0
76	39	1004.67	0.0	0.0	-131.76	0.0	-870.90	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-870.90	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-870.90	-65.88	0.0	0.0	0.0	0.0
76	42	1004.67	0.0	0.0	-131.76	0.0	-494.27	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-494.27	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-494.27	-65.88	0.0	0.0	0.0	0.0
76	71	1004.67	0.0	0.0	-131.76	0.0	-922.49	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-922.49	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-922.49	-65.88	0.0	0.0	0.0	0.0
76	74	1004.67	0.0	0.0	-131.76	0.0	-442.68	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-442.68	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-442.68	-65.88	0.0	0.0	0.0	0.0
76	79	1004.67	0.0	0.0	-131.76	0.0	-682.16	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-682.16	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-682.16	-65.88	0.0	0.0	0.0	0.0
76	85	1004.67	0.0	0.0	-131.76	0.0	-703.37	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-703.37	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-703.37	-65.88	0.0	0.0	0.0	0.0
76	86	1004.67	0.0	0.0	-131.76	0.0	-682.16	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-682.16	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-682.16	-65.88	0.0	0.0	0.0	0.0
76	90	1004.67	0.0	0.0	-131.76	0.0	-686.63	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-686.63	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-686.63	-65.88	0.0	0.0	0.0	0.0
76	91	1004.67	0.0	0.0	-131.76	0.0	-682.16	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-682.16	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-682.16	-65.88	0.0	0.0	0.0	0.0
76	92	1004.67	0.0	0.0	-131.76	0.0	-682.59	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-682.59	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-682.59	-65.88	0.0	0.0	0.0	0.0
77	5	1004.67	0.0	0.0	-131.76	0.0	-279.95	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-279.95	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-279.95	-65.88	0.0	0.0	0.0	0.0
77	11	1306.07	0.0	0.0	-171.29	0.0	-480.37	85.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-480.37	-3.57e-06	0.0	0.0	0.0	1306.07
						61.0	-480.37	-85.64	0.0	0.0	0.0	0.0
77	28	1004.67	0.0	0.0	-131.76	0.0	-549.72	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-549.72	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-549.72	-65.88	0.0	0.0	0.0	0.0
77	29	1004.67	0.0	0.0	-131.76	0.0	-40.46	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-40.46	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-40.46	-65.88	0.0	0.0	0.0	0.0

77	60	1004.67	0.0	0.0	-131.76	0.0	-618.90	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-618.90	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-618.90	-65.88	0.0	0.0	0.0	0.0
77	61	1004.67	0.0	0.0	-131.76	0.0	28.72	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	28.72	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	28.72	-65.88	0.0	0.0	0.0	0.0
77	79	1004.67	0.0	0.0	-131.76	0.0	-285.02	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-285.02	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-285.02	-65.88	0.0	0.0	0.0	0.0
77	85	1004.67	0.0	0.0	-131.76	0.0	-354.87	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-354.87	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-354.87	-65.88	0.0	0.0	0.0	0.0
77	86	1004.67	0.0	0.0	-131.76	0.0	-285.02	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-285.02	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-285.02	-65.88	0.0	0.0	0.0	0.0
77	90	1004.67	0.0	0.0	-131.76	0.0	-304.36	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-304.36	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-304.36	-65.88	0.0	0.0	0.0	0.0
77	91	1004.67	0.0	0.0	-131.76	0.0	-285.02	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-285.02	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-285.02	-65.88	0.0	0.0	0.0	0.0
77	92	1004.67	0.0	0.0	-131.76	0.0	-295.09	65.88	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	30.5	-295.09	-2.75e-06	0.0	0.0	0.0	1004.67
						61.0	-295.09	-65.88	0.0	0.0	0.0	0.0
78	1	877.50	0.0	0.0	-140.40	0.0	-774.49	70.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-774.49	0.0	0.0	0.0	0.0	877.50
						50.0	-774.49	-70.20	0.0	0.0	0.0	0.0
78	8	675.00	0.0	0.0	-108.00	0.0	-577.07	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-577.07	0.0	0.0	0.0	0.0	675.00
						50.0	-577.07	-54.00	0.0	0.0	0.0	0.0
78	39	675.00	0.0	0.0	-108.00	0.0	-396.15	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-396.15	0.0	0.0	0.0	0.0	675.00
						50.0	-396.15	-54.00	0.0	0.0	0.0	0.0
78	42	675.00	0.0	0.0	-108.00	0.0	-790.28	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-790.28	0.0	0.0	0.0	0.0	675.00
						50.0	-790.28	-54.00	0.0	0.0	0.0	0.0
78	71	675.00	0.0	0.0	-108.00	0.0	-342.33	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-342.33	0.0	0.0	0.0	0.0	675.00
						50.0	-342.33	-54.00	0.0	0.0	0.0	0.0
78	74	675.00	0.0	0.0	-108.00	0.0	-844.10	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-844.10	0.0	0.0	0.0	0.0	675.00
						50.0	-844.10	-54.00	0.0	0.0	0.0	0.0
78	79	675.00	0.0	0.0	-108.00	0.0	-597.00	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-597.00	0.0	0.0	0.0	0.0	675.00
						50.0	-597.00	-54.00	0.0	0.0	0.0	0.0
78	82	675.00	0.0	0.0	-108.00	0.0	-582.64	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-582.64	0.0	0.0	0.0	0.0	675.00
						50.0	-582.64	-54.00	0.0	0.0	0.0	0.0
78	86	675.00	0.0	0.0	-108.00	0.0	-597.00	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-597.00	0.0	0.0	0.0	0.0	675.00
						50.0	-597.00	-54.00	0.0	0.0	0.0	0.0
78	87	675.00	0.0	0.0	-108.00	0.0	-590.69	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-590.69	0.0	0.0	0.0	0.0	675.00
						50.0	-590.69	-54.00	0.0	0.0	0.0	0.0
78	91	675.00	0.0	0.0	-108.00	0.0	-597.00	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-597.00	0.0	0.0	0.0	0.0	675.00
						50.0	-597.00	-54.00	0.0	0.0	0.0	0.0
78	92	675.00	0.0	0.0	-108.00	0.0	-593.21	54.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.0	-593.21	0.0	0.0	0.0	0.0	675.00
						50.0	-593.21	-54.00	0.0	0.0	0.0	0.0
79	5	702.27	0.0	0.0	-110.16	0.0	-236.03	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-236.03	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-236.03	-55.08	0.0	0.0	0.0	0.0
79	11	912.95	0.0	0.0	-143.21	0.0	-386.54	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-386.54	2.38e-06	0.0	0.0	0.0	912.95
						51.0	-386.54	-71.60	0.0	0.0	0.0	0.0
79	28	702.27	0.0	0.0	-110.16	0.0	27.76	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	27.76	1.83e-06	0.0	0.0	0.0	702.27
						51.0	27.76	-55.08	0.0	0.0	0.0	0.0
79	29	702.27	0.0	0.0	-110.16	0.0	-523.02	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-523.02	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-523.02	-55.08	0.0	0.0	0.0	0.0
79	60	702.27	0.0	0.0	-110.16	0.0	102.58	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	102.58	1.83e-06	0.0	0.0	0.0	702.27
						51.0	102.58	-55.08	0.0	0.0	0.0	0.0
79	61	702.27	0.0	0.0	-110.16	0.0	-597.83	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-597.83	1.83e-06	0.0	0.0	0.0	702.27

						51.0	-597.83	-55.08	0.0	0.0	0.0	0.0
79	79	702.27	0.0	0.0	-110.16	0.0	-239.84	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-239.84	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-239.84	-55.08	0.0	0.0	0.0	0.0
79	85	702.27	0.0	0.0	-110.16	0.0	-287.13	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-287.13	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-287.13	-55.08	0.0	0.0	0.0	0.0
79	86	702.27	0.0	0.0	-110.16	0.0	-239.84	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-239.84	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-239.84	-55.08	0.0	0.0	0.0	0.0
79	90	702.27	0.0	0.0	-110.16	0.0	-253.45	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-253.45	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-253.45	-55.08	0.0	0.0	0.0	0.0
79	91	702.27	0.0	0.0	-110.16	0.0	-239.84	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-239.84	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-239.84	-55.08	0.0	0.0	0.0	0.0
79	92	702.27	0.0	0.0	-110.16	0.0	-247.63	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-247.63	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-247.63	-55.08	0.0	0.0	0.0	0.0
80	1	825.64	0.0	0.0	-136.19	0.0	-738.37	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-738.37	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-738.37	-68.09	0.0	0.0	0.0	0.0
80	8	635.11	0.0	0.0	-104.76	0.0	-555.95	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-555.95	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-555.95	-52.38	0.0	0.0	0.0	0.0
80	31	635.11	0.0	0.0	-104.76	0.0	-753.32	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-753.32	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-753.32	-52.38	0.0	0.0	0.0	0.0
80	34	635.11	0.0	0.0	-104.76	0.0	-379.01	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-379.01	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-379.01	-52.38	0.0	0.0	0.0	0.0
80	71	635.11	0.0	0.0	-104.76	0.0	-804.49	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-804.49	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-804.49	-52.38	0.0	0.0	0.0	0.0
80	74	635.11	0.0	0.0	-104.76	0.0	-327.84	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-327.84	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-327.84	-52.38	0.0	0.0	0.0	0.0
80	79	635.11	0.0	0.0	-104.76	0.0	-568.79	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-568.79	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-568.79	-52.38	0.0	0.0	0.0	0.0
80	82	635.11	0.0	0.0	-104.76	0.0	-559.52	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-559.52	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-559.52	-52.38	0.0	0.0	0.0	0.0
80	86	635.11	0.0	0.0	-104.76	0.0	-568.79	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-568.79	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-568.79	-52.38	0.0	0.0	0.0	0.0
80	87	635.11	0.0	0.0	-104.76	0.0	-564.41	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-564.41	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-564.41	-52.38	0.0	0.0	0.0	0.0
80	91	635.11	0.0	0.0	-104.76	0.0	-568.79	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-568.79	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-568.79	-52.38	0.0	0.0	0.0	0.0
80	92	635.11	0.0	0.0	-104.76	0.0	-566.16	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-566.16	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-566.16	-52.38	0.0	0.0	0.0	0.0
81	5	641.67	0.0	0.0	-105.30	0.0	-249.57	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-249.57	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-249.57	-52.65	0.0	0.0	0.0	0.0
81	11	834.17	0.0	0.0	-136.89	0.0	-371.49	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-371.49	1.98e-06	0.0	0.0	0.0	834.17
						48.8	-371.49	-68.44	0.0	0.0	0.0	0.0
81	28	641.67	0.0	0.0	-105.30	0.0	-504.63	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-504.63	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-504.63	-52.65	0.0	0.0	0.0	0.0
81	29	641.67	0.0	0.0	-105.30	0.0	-10.33	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-10.33	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-10.33	-52.65	0.0	0.0	0.0	0.0
81	60	641.67	0.0	0.0	-105.30	0.0	-571.74	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-571.74	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-571.74	-52.65	0.0	0.0	0.0	0.0
81	61	641.67	0.0	0.0	-105.30	0.0	56.79	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	56.79	1.53e-06	0.0	0.0	0.0	641.67
						48.8	56.79	-52.65	0.0	0.0	0.0	0.0
81	79	641.67	0.0	0.0	-105.30	0.0	-252.05	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-252.05	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-252.05	-52.65	0.0	0.0	0.0	0.0
81	85	641.67	0.0	0.0	-105.30	0.0	-279.61	52.65	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.4	-279.61	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-279.61	-52.65	0.0	0.0	0.0	0.0
81	86	641.67	0.0	0.0	-105.30	0.0	-252.05	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-252.05	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-252.05	-52.65	0.0	0.0	0.0	0.0
81	87	641.67	0.0	0.0	-105.30	0.0	-261.10	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-261.10	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-261.10	-52.65	0.0	0.0	0.0	0.0
81	91	641.67	0.0	0.0	-105.30	0.0	-252.05	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-252.05	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-252.05	-52.65	0.0	0.0	0.0	0.0
81	92	641.67	0.0	0.0	-105.30	0.0	-257.48	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-257.48	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-257.48	-52.65	0.0	0.0	0.0	0.0
82	1	1048.94	0.0	0.0	-153.50	0.0	-253.82	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-253.82	1.19e-06	0.0	0.0	0.0	1048.94
						54.7	-253.82	-76.75	0.0	0.0	0.0	0.0
82	14	806.88	0.0	0.0	-118.08	0.0	-65.12	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-65.12	0.0	0.0	0.0	0.0	806.88
						54.7	-65.12	-59.04	0.0	0.0	0.0	0.0
82	43	806.88	0.0	0.0	-118.08	0.0	0.27	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	0.27	0.0	0.0	0.0	0.0	806.88
						54.7	0.27	-59.04	0.0	0.0	0.0	0.0
82	46	806.88	0.0	0.0	-118.08	0.0	-375.54	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-375.54	0.0	0.0	0.0	0.0	806.88
						54.7	-375.54	-59.04	0.0	0.0	0.0	0.0
82	75	806.88	0.0	0.0	-118.08	0.0	51.65	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	51.65	0.0	0.0	0.0	0.0	806.88
						54.7	51.65	-59.04	0.0	0.0	0.0	0.0
82	78	806.88	0.0	0.0	-118.08	0.0	-426.93	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-426.93	0.0	0.0	0.0	0.0	806.88
						54.7	-426.93	-59.04	0.0	0.0	0.0	0.0
82	79	806.88	0.0	0.0	-118.08	0.0	-200.31	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-200.31	0.0	0.0	0.0	0.0	806.88
						54.7	-200.31	-59.04	0.0	0.0	0.0	0.0
82	85	806.88	0.0	0.0	-118.08	0.0	-105.79	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-105.79	0.0	0.0	0.0	0.0	806.88
						54.7	-105.79	-59.04	0.0	0.0	0.0	0.0
82	86	806.88	0.0	0.0	-118.08	0.0	-200.31	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-200.31	0.0	0.0	0.0	0.0	806.88
						54.7	-200.31	-59.04	0.0	0.0	0.0	0.0
82	90	806.88	0.0	0.0	-118.08	0.0	-174.65	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-174.65	0.0	0.0	0.0	0.0	806.88
						54.7	-174.65	-59.04	0.0	0.0	0.0	0.0
82	91	806.88	0.0	0.0	-118.08	0.0	-200.31	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-200.31	0.0	0.0	0.0	0.0	806.88
						54.7	-200.31	-59.04	0.0	0.0	0.0	0.0
82	92	806.88	0.0	0.0	-118.08	0.0	-187.64	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	-187.64	0.0	0.0	0.0	0.0	806.88
						54.7	-187.64	-59.04	0.0	0.0	0.0	0.0
83	5	702.27	0.0	0.0	-110.16	0.0	-215.86	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-215.86	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-215.86	-55.08	0.0	0.0	0.0	0.0
83	11	912.95	0.0	0.0	-143.21	0.0	-321.87	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-321.87	2.38e-06	0.0	0.0	0.0	912.95
						51.0	-321.87	-71.60	0.0	0.0	0.0	0.0
83	28	702.27	0.0	0.0	-110.16	0.0	47.15	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	47.15	1.83e-06	0.0	0.0	0.0	702.27
						51.0	47.15	-55.08	0.0	0.0	0.0	0.0
83	29	702.27	0.0	0.0	-110.16	0.0	-493.72	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-493.72	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-493.72	-55.08	0.0	0.0	0.0	0.0
83	60	702.27	0.0	0.0	-110.16	0.0	120.59	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	120.59	1.83e-06	0.0	0.0	0.0	702.27
						51.0	120.59	-55.08	0.0	0.0	0.0	0.0
83	61	702.27	0.0	0.0	-110.16	0.0	-567.17	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-567.17	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-567.17	-55.08	0.0	0.0	0.0	0.0
83	79	702.27	0.0	0.0	-110.16	0.0	-218.19	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-218.19	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-218.19	-55.08	0.0	0.0	0.0	0.0
83	85	702.27	0.0	0.0	-110.16	0.0	-242.12	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-242.12	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-242.12	-55.08	0.0	0.0	0.0	0.0
83	86	702.27	0.0	0.0	-110.16	0.0	-218.19	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-218.19	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-218.19	-55.08	0.0	0.0	0.0	0.0

83	87	702.27	0.0	0.0	-110.16	0.0	-226.69	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-226.69	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-226.69	-55.08	0.0	0.0	0.0	0.0
83	91	702.27	0.0	0.0	-110.16	0.0	-218.19	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-218.19	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-218.19	-55.08	0.0	0.0	0.0	0.0
83	92	702.27	0.0	0.0	-110.16	0.0	-223.29	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-223.29	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-223.29	-55.08	0.0	0.0	0.0	0.0
84	1	825.64	0.0	0.0	-136.19	0.0	-142.99	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-142.99	1.39e-06	0.0	0.0	0.0	825.64
						48.5	-142.99	-68.09	0.0	0.0	0.0	0.0
84	14	635.11	0.0	0.0	-104.76	0.0	36.39	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	36.39	1.07e-06	0.0	0.0	0.0	635.11
						48.5	36.39	-52.38	0.0	0.0	0.0	0.0
84	15	635.11	0.0	0.0	-104.76	0.0	-339.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-339.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-339.05	-52.38	0.0	0.0	0.0	0.0
84	18	635.11	0.0	0.0	-104.76	0.0	134.87	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	134.87	1.07e-06	0.0	0.0	0.0	635.11
						48.5	134.87	-52.38	0.0	0.0	0.0	0.0
84	47	635.11	0.0	0.0	-104.76	0.0	-403.29	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-403.29	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-403.29	-52.38	0.0	0.0	0.0	0.0
84	50	635.11	0.0	0.0	-104.76	0.0	199.11	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	199.11	1.07e-06	0.0	0.0	0.0	635.11
						48.5	199.11	-52.38	0.0	0.0	0.0	0.0
84	79	635.11	0.0	0.0	-104.76	0.0	-115.42	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-115.42	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-115.42	-52.38	0.0	0.0	0.0	0.0
84	85	635.11	0.0	0.0	-104.76	0.0	-9.51	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-9.51	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-9.51	-52.38	0.0	0.0	0.0	0.0
84	86	635.11	0.0	0.0	-104.76	0.0	-115.42	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-115.42	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-115.42	-52.38	0.0	0.0	0.0	0.0
84	90	635.11	0.0	0.0	-104.76	0.0	-87.13	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-87.13	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-87.13	-52.38	0.0	0.0	0.0	0.0
84	91	635.11	0.0	0.0	-104.76	0.0	-115.42	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-115.42	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-115.42	-52.38	0.0	0.0	0.0	0.0
84	92	635.11	0.0	0.0	-104.76	0.0	-102.09	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	-102.09	1.07e-06	0.0	0.0	0.0	635.11
						48.5	-102.09	-52.38	0.0	0.0	0.0	0.0
85	5	641.67	0.0	0.0	-105.30	0.0	-6.58	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-6.58	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-6.58	-52.65	0.0	0.0	0.0	0.0
85	11	834.17	0.0	0.0	-136.89	0.0	143.37	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	143.37	1.98e-06	0.0	0.0	0.0	834.17
						48.8	143.37	-68.44	0.0	0.0	0.0	0.0
85	20	641.67	0.0	0.0	-105.30	0.0	-224.62	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-224.62	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-224.62	-52.65	0.0	0.0	0.0	0.0
85	21	641.67	0.0	0.0	-105.30	0.0	237.18	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	237.18	1.53e-06	0.0	0.0	0.0	641.67
						48.8	237.18	-52.65	0.0	0.0	0.0	0.0
85	52	641.67	0.0	0.0	-105.30	0.0	-286.98	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-286.98	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-286.98	-52.65	0.0	0.0	0.0	0.0
85	53	641.67	0.0	0.0	-105.30	0.0	299.54	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	299.54	1.53e-06	0.0	0.0	0.0	641.67
						48.8	299.54	-52.65	0.0	0.0	0.0	0.0
85	79	641.67	0.0	0.0	-105.30	0.0	-1.60	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-1.60	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-1.60	-52.65	0.0	0.0	0.0	0.0
85	85	641.67	0.0	0.0	-105.30	0.0	92.05	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	92.05	1.53e-06	0.0	0.0	0.0	641.67
						48.8	92.05	-52.65	0.0	0.0	0.0	0.0
85	86	641.67	0.0	0.0	-105.30	0.0	-1.60	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-1.60	1.53e-06	0.0	0.0	0.0	641.67
						48.8	-1.60	-52.65	0.0	0.0	0.0	0.0
85	90	641.67	0.0	0.0	-105.30	0.0	21.33	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	21.33	1.53e-06	0.0	0.0	0.0	641.67
						48.8	21.33	-52.65	0.0	0.0	0.0	0.0
85	91	641.67	0.0	0.0	-105.30	0.0	-1.60	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	-1.60	1.53e-06	0.0	0.0	0.0	641.67

						48.8	-1.60	-52.65	0.0	0.0	0.0	0.0
85	92	641.67	0.0	0.0	-105.30	0.0	6.28	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	6.28	1.53e-06	0.0	0.0	0.0	641.67
						48.8	6.28	-52.65	0.0	0.0	0.0	0.0
86	5	806.88	0.0	0.0	-118.08	0.0	353.45	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	353.45	0.0	0.0	0.0	0.0	806.88
						54.7	353.45	-59.04	0.0	0.0	0.0	0.0
86	11	1048.94	0.0	0.0	-153.50	0.0	845.36	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	845.36	1.19e-06	0.0	0.0	0.0	1048.94
						54.7	845.36	-76.75	0.0	0.0	0.0	0.0
86	27	806.88	0.0	0.0	-118.08	0.0	500.40	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	500.40	0.0	0.0	0.0	0.0	806.88
						54.7	500.40	-59.04	0.0	0.0	0.0	0.0
86	30	806.88	0.0	0.0	-118.08	0.0	289.99	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	289.99	0.0	0.0	0.0	0.0	806.88
						54.7	289.99	-59.04	0.0	0.0	0.0	0.0
86	59	806.88	0.0	0.0	-118.08	0.0	529.05	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	529.05	0.0	0.0	0.0	0.0	806.88
						54.7	529.05	-59.04	0.0	0.0	0.0	0.0
86	62	806.88	0.0	0.0	-118.08	0.0	261.34	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	261.34	0.0	0.0	0.0	0.0	806.88
						54.7	261.34	-59.04	0.0	0.0	0.0	0.0
86	79	806.88	0.0	0.0	-118.08	0.0	368.24	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	368.24	0.0	0.0	0.0	0.0	806.88
						54.7	368.24	-59.04	0.0	0.0	0.0	0.0
86	85	806.88	0.0	0.0	-118.08	0.0	602.81	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	602.81	0.0	0.0	0.0	0.0	806.88
						54.7	602.81	-59.04	0.0	0.0	0.0	0.0
86	86	806.88	0.0	0.0	-118.08	0.0	368.24	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	368.24	0.0	0.0	0.0	0.0	806.88
						54.7	368.24	-59.04	0.0	0.0	0.0	0.0
86	90	806.88	0.0	0.0	-118.08	0.0	429.53	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	429.53	0.0	0.0	0.0	0.0	806.88
						54.7	429.53	-59.04	0.0	0.0	0.0	0.0
86	91	806.88	0.0	0.0	-118.08	0.0	368.24	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	368.24	0.0	0.0	0.0	0.0	806.88
						54.7	368.24	-59.04	0.0	0.0	0.0	0.0
86	92	806.88	0.0	0.0	-118.08	0.0	395.20	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	395.20	0.0	0.0	0.0	0.0	806.88
						54.7	395.20	-59.04	0.0	0.0	0.0	0.0
87	5	702.27	0.0	0.0	-110.16	0.0	-10.47	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-10.47	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-10.47	-55.08	0.0	0.0	0.0	0.0
87	11	912.95	0.0	0.0	-143.21	0.0	120.29	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	120.29	2.38e-06	0.0	0.0	0.0	912.95
						51.0	120.29	-71.60	0.0	0.0	0.0	0.0
87	24	702.27	0.0	0.0	-110.16	0.0	240.40	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	240.40	1.83e-06	0.0	0.0	0.0	702.27
						51.0	240.40	-55.08	0.0	0.0	0.0	0.0
87	25	702.27	0.0	0.0	-110.16	0.0	-239.11	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-239.11	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-239.11	-55.08	0.0	0.0	0.0	0.0
87	56	702.27	0.0	0.0	-110.16	0.0	305.45	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	305.45	1.83e-06	0.0	0.0	0.0	702.27
						51.0	305.45	-55.08	0.0	0.0	0.0	0.0
87	57	702.27	0.0	0.0	-110.16	0.0	-304.17	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-304.17	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-304.17	-55.08	0.0	0.0	0.0	0.0
87	79	702.27	0.0	0.0	-110.16	0.0	-6.17	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-6.17	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-6.17	-55.08	0.0	0.0	0.0	0.0
87	85	702.27	0.0	0.0	-110.16	0.0	76.50	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	76.50	1.83e-06	0.0	0.0	0.0	702.27
						51.0	76.50	-55.08	0.0	0.0	0.0	0.0
87	86	702.27	0.0	0.0	-110.16	0.0	-6.17	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-6.17	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-6.17	-55.08	0.0	0.0	0.0	0.0
87	90	702.27	0.0	0.0	-110.16	0.0	14.00	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	14.00	1.83e-06	0.0	0.0	0.0	702.27
						51.0	14.00	-55.08	0.0	0.0	0.0	0.0
87	91	702.27	0.0	0.0	-110.16	0.0	-6.17	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	-6.17	1.83e-06	0.0	0.0	0.0	702.27
						51.0	-6.17	-55.08	0.0	0.0	0.0	0.0
87	92	702.27	0.0	0.0	-110.16	0.0	0.64	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	0.64	1.83e-06	0.0	0.0	0.0	702.27
						51.0	0.64	-55.08	0.0	0.0	0.0	0.0
88	5	635.11	0.0	0.0	-104.76	0.0	352.38	52.38	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	24.2	352.38	1.07e-06	0.0	0.0	0.0	635.11
						48.5	352.38	-52.38	0.0	0.0	0.0	0.0
88	11	825.64	0.0	0.0	-136.19	0.0	817.46	68.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	817.46	1.39e-06	0.0	0.0	0.0	825.64
						48.5	817.46	-68.09	0.0	0.0	0.0	0.0
88	15	635.11	0.0	0.0	-104.76	0.0	241.64	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	241.64	1.07e-06	0.0	0.0	0.0	635.11
						48.5	241.64	-52.38	0.0	0.0	0.0	0.0
88	18	635.11	0.0	0.0	-104.76	0.0	540.16	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	540.16	1.07e-06	0.0	0.0	0.0	635.11
						48.5	540.16	-52.38	0.0	0.0	0.0	0.0
88	47	635.11	0.0	0.0	-104.76	0.0	201.25	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	201.25	1.07e-06	0.0	0.0	0.0	635.11
						48.5	201.25	-52.38	0.0	0.0	0.0	0.0
88	50	635.11	0.0	0.0	-104.76	0.0	580.55	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	580.55	1.07e-06	0.0	0.0	0.0	635.11
						48.5	580.55	-52.38	0.0	0.0	0.0	0.0
88	79	635.11	0.0	0.0	-104.76	0.0	366.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	366.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	366.05	-52.38	0.0	0.0	0.0	0.0
88	85	635.11	0.0	0.0	-104.76	0.0	584.67	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	584.67	1.07e-06	0.0	0.0	0.0	635.11
						48.5	584.67	-52.38	0.0	0.0	0.0	0.0
88	86	635.11	0.0	0.0	-104.76	0.0	366.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	366.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	366.05	-52.38	0.0	0.0	0.0	0.0
88	90	635.11	0.0	0.0	-104.76	0.0	423.03	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	423.03	1.07e-06	0.0	0.0	0.0	635.11
						48.5	423.03	-52.38	0.0	0.0	0.0	0.0
88	91	635.11	0.0	0.0	-104.76	0.0	366.05	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	366.05	1.07e-06	0.0	0.0	0.0	635.11
						48.5	366.05	-52.38	0.0	0.0	0.0	0.0
88	92	635.11	0.0	0.0	-104.76	0.0	390.90	52.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.2	390.90	1.07e-06	0.0	0.0	0.0	635.11
						48.5	390.90	-52.38	0.0	0.0	0.0	0.0
89	5	641.67	0.0	0.0	-105.30	0.0	310.61	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	310.61	1.53e-06	0.0	0.0	0.0	641.67
						48.8	310.61	-52.65	0.0	0.0	0.0	0.0
89	11	834.17	0.0	0.0	-136.89	0.0	775.72	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	775.72	1.98e-06	0.0	0.0	0.0	834.17
						48.8	775.72	-68.44	0.0	0.0	0.0	0.0
89	40	641.67	0.0	0.0	-105.30	0.0	218.12	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	218.12	1.53e-06	0.0	0.0	0.0	641.67
						48.8	218.12	-52.65	0.0	0.0	0.0	0.0
89	41	641.67	0.0	0.0	-105.30	0.0	477.03	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	477.03	1.53e-06	0.0	0.0	0.0	641.67
						48.8	477.03	-52.65	0.0	0.0	0.0	0.0
89	72	641.67	0.0	0.0	-105.30	0.0	183.01	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	183.01	1.53e-06	0.0	0.0	0.0	641.67
						48.8	183.01	-52.65	0.0	0.0	0.0	0.0
89	73	641.67	0.0	0.0	-105.30	0.0	512.15	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	512.15	1.53e-06	0.0	0.0	0.0	641.67
						48.8	512.15	-52.65	0.0	0.0	0.0	0.0
89	79	641.67	0.0	0.0	-105.30	0.0	324.09	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	324.09	1.53e-06	0.0	0.0	0.0	641.67
						48.8	324.09	-52.65	0.0	0.0	0.0	0.0
89	85	641.67	0.0	0.0	-105.30	0.0	551.38	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	551.38	1.53e-06	0.0	0.0	0.0	641.67
						48.8	551.38	-52.65	0.0	0.0	0.0	0.0
89	86	641.67	0.0	0.0	-105.30	0.0	324.09	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	324.09	1.53e-06	0.0	0.0	0.0	641.67
						48.8	324.09	-52.65	0.0	0.0	0.0	0.0
89	90	641.67	0.0	0.0	-105.30	0.0	382.07	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	382.07	1.53e-06	0.0	0.0	0.0	641.67
						48.8	382.07	-52.65	0.0	0.0	0.0	0.0
89	91	641.67	0.0	0.0	-105.30	0.0	324.09	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	324.09	1.53e-06	0.0	0.0	0.0	641.67
						48.8	324.09	-52.65	0.0	0.0	0.0	0.0
89	92	641.67	0.0	0.0	-105.30	0.0	347.58	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	347.58	1.53e-06	0.0	0.0	0.0	641.67
						48.8	347.58	-52.65	0.0	0.0	0.0	0.0
90	5	806.88	0.0	0.0	-118.08	0.0	481.59	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	481.59	0.0	0.0	0.0	0.0	806.88
						54.7	481.59	-59.04	0.0	0.0	0.0	0.0
90	11	1048.94	0.0	0.0	-153.50	0.0	1098.05	76.75	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	1098.05	1.19e-06	0.0	0.0	0.0	1048.94
						54.7	1098.05	-76.75	0.0	0.0	0.0	0.0

90	27	806.88	0.0	0.0	-118.08	0.0	625.59	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	625.59	0.0	0.0	0.0	0.0	806.88
						54.7	625.59	-59.04	0.0	0.0	0.0	0.0
90	30	806.88	0.0	0.0	-118.08	0.0	438.38	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	438.38	0.0	0.0	0.0	0.0	806.88
						54.7	438.38	-59.04	0.0	0.0	0.0	0.0
90	59	806.88	0.0	0.0	-118.08	0.0	651.07	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	651.07	0.0	0.0	0.0	0.0	806.88
						54.7	651.07	-59.04	0.0	0.0	0.0	0.0
90	62	806.88	0.0	0.0	-118.08	0.0	412.90	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	412.90	0.0	0.0	0.0	0.0	806.88
						54.7	412.90	-59.04	0.0	0.0	0.0	0.0
90	79	806.88	0.0	0.0	-118.08	0.0	499.51	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	499.51	0.0	0.0	0.0	0.0	806.88
						54.7	499.51	-59.04	0.0	0.0	0.0	0.0
90	85	806.88	0.0	0.0	-118.08	0.0	786.68	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	786.68	0.0	0.0	0.0	0.0	806.88
						54.7	786.68	-59.04	0.0	0.0	0.0	0.0
90	86	806.88	0.0	0.0	-118.08	0.0	499.51	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	499.51	0.0	0.0	0.0	0.0	806.88
						54.7	499.51	-59.04	0.0	0.0	0.0	0.0
90	90	806.88	0.0	0.0	-118.08	0.0	574.27	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	574.27	0.0	0.0	0.0	0.0	806.88
						54.7	574.27	-59.04	0.0	0.0	0.0	0.0
90	91	806.88	0.0	0.0	-118.08	0.0	499.51	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	499.51	0.0	0.0	0.0	0.0	806.88
						54.7	499.51	-59.04	0.0	0.0	0.0	0.0
90	92	806.88	0.0	0.0	-118.08	0.0	531.99	59.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	27.3	531.99	0.0	0.0	0.0	0.0	806.88
						54.7	531.99	-59.04	0.0	0.0	0.0	0.0
91	5	702.27	0.0	0.0	-110.16	0.0	313.50	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	313.50	1.83e-06	0.0	0.0	0.0	702.27
						51.0	313.50	-55.08	0.0	0.0	0.0	0.0
91	11	912.95	0.0	0.0	-143.21	0.0	766.95	71.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	766.95	2.38e-06	0.0	0.0	0.0	912.95
						51.0	766.95	-71.60	0.0	0.0	0.0	0.0
91	36	702.27	0.0	0.0	-110.16	0.0	450.92	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	450.92	1.83e-06	0.0	0.0	0.0	702.27
						51.0	450.92	-55.08	0.0	0.0	0.0	0.0
91	37	702.27	0.0	0.0	-110.16	0.0	247.67	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	247.67	1.83e-06	0.0	0.0	0.0	702.27
						51.0	247.67	-55.08	0.0	0.0	0.0	0.0
91	76	702.27	0.0	0.0	-110.16	0.0	478.54	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	478.54	1.83e-06	0.0	0.0	0.0	702.27
						51.0	478.54	-55.08	0.0	0.0	0.0	0.0
91	77	702.27	0.0	0.0	-110.16	0.0	220.05	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	220.05	1.83e-06	0.0	0.0	0.0	702.27
						51.0	220.05	-55.08	0.0	0.0	0.0	0.0
91	79	702.27	0.0	0.0	-110.16	0.0	326.52	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	326.52	1.83e-06	0.0	0.0	0.0	702.27
						51.0	326.52	-55.08	0.0	0.0	0.0	0.0
91	85	702.27	0.0	0.0	-110.16	0.0	546.15	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	546.15	1.83e-06	0.0	0.0	0.0	702.27
						51.0	546.15	-55.08	0.0	0.0	0.0	0.0
91	86	702.27	0.0	0.0	-110.16	0.0	326.52	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	326.52	1.83e-06	0.0	0.0	0.0	702.27
						51.0	326.52	-55.08	0.0	0.0	0.0	0.0
91	90	702.27	0.0	0.0	-110.16	0.0	382.60	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	382.60	1.83e-06	0.0	0.0	0.0	702.27
						51.0	382.60	-55.08	0.0	0.0	0.0	0.0
91	91	702.27	0.0	0.0	-110.16	0.0	326.52	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	326.52	1.83e-06	0.0	0.0	0.0	702.27
						51.0	326.52	-55.08	0.0	0.0	0.0	0.0
91	92	702.27	0.0	0.0	-110.16	0.0	349.30	55.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	25.5	349.30	1.83e-06	0.0	0.0	0.0	702.27
						51.0	349.30	-55.08	0.0	0.0	0.0	0.0
92	5	641.67	0.0	0.0	-105.30	0.0	412.40	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	412.40	1.53e-06	0.0	0.0	0.0	641.67
						48.8	412.40	-52.65	0.0	0.0	0.0	0.0
92	11	834.17	0.0	0.0	-136.89	0.0	996.68	68.45	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	996.68	1.98e-06	0.0	0.0	0.0	834.17
						48.8	996.68	-68.44	0.0	0.0	0.0	0.0
92	40	641.67	0.0	0.0	-105.30	0.0	350.61	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	350.61	1.53e-06	0.0	0.0	0.0	641.67
						48.8	350.61	-52.65	0.0	0.0	0.0	0.0
92	41	641.67	0.0	0.0	-105.30	0.0	566.81	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	566.81	1.53e-06	0.0	0.0	0.0	641.67

						48.8	566.81	-52.65	0.0	0.0	0.0	0.0
92	72	641.67	0.0	0.0	-105.30	0.0	321.27	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	321.27	1.53e-06	0.0	0.0	0.0	641.67
						48.8	321.27	-52.65	0.0	0.0	0.0	0.0
92	73	641.67	0.0	0.0	-105.30	0.0	596.15	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	596.15	1.53e-06	0.0	0.0	0.0	641.67
						48.8	596.15	-52.65	0.0	0.0	0.0	0.0
92	79	641.67	0.0	0.0	-105.30	0.0	429.21	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	429.21	1.53e-06	0.0	0.0	0.0	641.67
						48.8	429.21	-52.65	0.0	0.0	0.0	0.0
92	85	641.67	0.0	0.0	-105.30	0.0	710.47	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	710.47	1.53e-06	0.0	0.0	0.0	641.67
						48.8	710.47	-52.65	0.0	0.0	0.0	0.0
92	86	641.67	0.0	0.0	-105.30	0.0	429.21	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	429.21	1.53e-06	0.0	0.0	0.0	641.67
						48.8	429.21	-52.65	0.0	0.0	0.0	0.0
92	90	641.67	0.0	0.0	-105.30	0.0	501.20	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	501.20	1.53e-06	0.0	0.0	0.0	641.67
						48.8	501.20	-52.65	0.0	0.0	0.0	0.0
92	91	641.67	0.0	0.0	-105.30	0.0	429.21	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	429.21	1.53e-06	0.0	0.0	0.0	641.67
						48.8	429.21	-52.65	0.0	0.0	0.0	0.0
92	92	641.67	0.0	0.0	-105.30	0.0	458.71	52.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	24.4	458.71	1.53e-06	0.0	0.0	0.0	641.67
						48.8	458.71	-52.65	0.0	0.0	0.0	0.0
93	5	482.14	0.0	0.0	-139.62	0.0	31.72	69.81	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	31.72	-1.06e-06	0.0	0.0	0.0	482.14
						27.6	31.72	-69.81	0.0	0.0	0.0	0.0
93	11	784.02	0.0	0.0	-227.05	0.0	98.67	113.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	98.67	0.0	0.0	0.0	0.0	784.02
						27.6	98.67	-113.52	0.0	0.0	0.0	0.0
93	31	529.78	0.0	0.0	-153.42	0.0	-92.98	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-92.98	0.0	0.0	0.0	0.0	529.78
						27.6	-92.98	-76.71	0.0	0.0	0.0	0.0
93	34	529.78	0.0	0.0	-153.42	0.0	166.13	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	166.13	0.0	0.0	0.0	0.0	529.78
						27.6	166.13	-76.71	0.0	0.0	0.0	0.0
93	63	529.78	0.0	0.0	-153.42	0.0	-127.99	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	-127.99	0.0	0.0	0.0	0.0	529.78
						27.6	-127.99	-76.71	0.0	0.0	0.0	0.0
93	66	529.78	0.0	0.0	-153.42	0.0	201.14	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	201.14	0.0	0.0	0.0	0.0	529.78
						27.6	201.14	-76.71	0.0	0.0	0.0	0.0
93	79	490.08	0.0	0.0	-141.92	0.0	33.41	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	33.41	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	33.41	-70.96	0.0	0.0	0.0	0.0
93	85	582.73	0.0	0.0	-168.75	0.0	69.10	84.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	69.10	0.0	0.0	0.0	0.0	582.73
						27.6	69.10	-84.38	0.0	0.0	0.0	0.0
93	86	490.08	0.0	0.0	-141.92	0.0	33.41	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	33.41	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	33.41	-70.96	0.0	0.0	0.0	0.0
93	90	529.78	0.0	0.0	-153.42	0.0	42.24	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	42.24	0.0	0.0	0.0	0.0	529.78
						27.6	42.24	-76.71	0.0	0.0	0.0	0.0
93	91	490.08	0.0	0.0	-141.92	0.0	33.41	70.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	33.41	-1.07e-06	0.0	0.0	0.0	490.08
						27.6	33.41	-70.96	0.0	0.0	0.0	0.0
93	92	529.78	0.0	0.0	-153.42	0.0	36.57	76.71	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.8	36.57	0.0	0.0	0.0	0.0	529.78
						27.6	36.57	-76.71	0.0	0.0	0.0	0.0
100	5	1523.26	641.08	-7.62e-03	-47.40	0.0	-62.66	19.80	17.03	63.17	-2206.63	461.59
		461.59	-2206.63	-4.88e-03	0.0	83.6	-71.82	2.95	17.03	63.17	-782.78	1508.24
						167.2	-88.43	-27.60	17.03	63.17	641.08	573.56
100	11	7446.25	1612.60	-0.05	-198.71	0.0	-1052.17	59.07	61.18	321.35	-8616.24	4254.20
		2332.57	-8616.24	0.01	0.0	83.6	-1082.70	2.90	61.18	321.35	-3501.82	7446.25
						167.2	-1160.18	-139.64	61.18	321.35	1612.60	2332.57
100	18	2104.07	875.60	-0.01	-61.87	0.0	-131.89	20.84	23.63	96.21	-3077.05	1076.39
		545.54	-3077.05	-7.76e-03	0.0	83.6	-143.01	0.38	23.63	96.21	-1100.72	2104.07
						167.2	-165.52	-41.03	23.63	96.21	875.60	545.54
100	24	1993.55	688.78	-0.01	-61.87	0.0	-81.03	26.34	20.45	83.92	-2728.33	458.37
		458.37	-2728.33	-6.76e-03	0.0	83.6	-92.15	5.88	20.45	83.92	-1019.77	1952.70
						167.2	-114.66	-35.53	20.45	83.92	688.78	860.83
100	36	1932.23	807.35	-0.01	-61.87	0.0	-12.54	24.66	22.12	92.99	-2890.41	557.39
		557.39	-2890.41	-0.01	0.0	83.6	-23.66	4.19	22.12	92.99	-1041.53	1909.19
						167.2	-46.17	-37.22	22.12	92.99	807.35	674.79
100	37	2261.90	661.86	-0.01	-61.87	0.0	-292.35	22.40	20.54	83.30	-2772.05	1098.72

		838.87	-2772.05	5.62e-03	0.0	83.6	-303.47	1.94	20.54	83.30	-1055.09	2261.90
						167.2	-325.98	-39.47	20.54	83.30	661.86	838.87
100	50	2109.10	913.70	-0.01	-61.87	0.0	-126.33	20.12	24.25	98.39	-3143.48	1143.52
		488.46	-3143.48	-8.50e-03	0.0	83.6	-137.45	-0.35	24.25	98.39	-1114.89	2109.10
						167.2	-159.96	-41.76	24.25	98.39	913.70	488.46
100	56	1970.61	676.39	-0.01	-61.87	0.0	-61.72	27.10	20.21	82.78	-2700.42	358.34
		358.34	-2700.42	-7.23e-03	0.0	83.6	-72.85	6.64	20.21	82.78	-1012.01	1916.73
						167.2	-95.36	-34.77	20.21	82.78	676.39	888.91
100	68	1887.74	827.01	-0.01	-61.87	0.0	25.27	24.96	22.33	94.30	-2906.38	484.22
		484.22	-2906.38	-0.02	0.0	83.6	14.14	4.50	22.33	94.30	-1039.68	1861.52
						167.2	-8.36	-36.91	22.33	94.30	827.01	652.61
100	69	2309.58	642.20	-9.90e-03	-61.87	0.0	-330.15	22.10	20.32	81.99	-2756.08	1171.90
		861.05	-2756.08	6.85e-03	0.0	83.6	-341.28	1.63	20.32	81.99	-1056.94	2309.58
						167.2	-363.79	-39.78	20.32	81.99	642.20	861.05
100	79	1727.99	678.45	-9.19e-03	-52.60	0.0	-95.24	21.12	18.62	72.04	-2435.01	594.21
		594.21	-2435.01	-4.96e-03	0.0	83.6	-105.10	2.97	18.62	72.04	-878.28	1714.57
						167.2	-123.83	-31.48	18.62	72.04	678.45	636.48
100	85	5055.22	1140.61	-0.04	-136.02	0.0	-692.42	41.32	42.21	217.92	-5916.57	2826.95
		1597.97	-5916.57	7.60e-03	0.0	83.6	-713.62	2.32	42.21	217.92	-2387.98	5055.22
						167.2	-766.36	-94.70	42.21	217.92	1140.61	1597.97
100	86	1727.99	678.45	-9.19e-03	-52.60	0.0	-95.24	21.12	18.62	72.04	-2435.01	594.21
		594.21	-2435.01	-4.96e-03	0.0	83.6	-105.10	2.97	18.62	72.04	-878.28	1714.57
						167.2	-123.83	-31.48	18.62	72.04	678.45	636.48
100	90	2585.78	800.83	-0.02	-74.23	0.0	-245.18	26.45	24.78	109.81	-3342.64	1165.48
		892.96	-3342.64	-4.82e-03	0.0	83.6	-257.99	2.89	24.78	109.81	-1270.90	2580.55
						167.2	-285.53	-47.79	24.78	109.81	800.83	892.96
100	91	1727.99	678.45	-9.19e-03	-52.60	0.0	-95.24	21.12	18.62	72.04	-2435.01	594.21
		594.21	-2435.01	-4.96e-03	0.0	83.6	-105.10	2.97	18.62	72.04	-878.28	1714.57
						167.2	-123.83	-31.48	18.62	72.04	678.45	636.48
100	92	2096.79	734.61	-0.01	-61.87	0.0	-152.44	23.53	21.33	88.15	-2831.23	828.06
		756.83	-2831.23	-5.03e-03	0.0	83.6	-163.57	3.06	21.33	88.15	-1048.31	2085.55
						167.2	-186.07	-38.34	21.33	88.15	734.61	756.83
101	5	1548.08	2313.62	-0.01	-45.55	0.0	15.45	20.55	-19.86	-64.62	2313.62	397.82
		397.82	-1006.72	0.01	0.0	83.6	6.54	4.16	-19.86	-64.62	653.45	1519.79
						167.2	-9.31	-25.00	-19.86	-64.62	-1006.72	737.75
101	11	7532.95	8982.49	-0.06	-187.02	0.0	-925.06	59.29	-71.46	-328.56	8982.49	4241.72
		3007.20	-2965.62	0.02	0.0	83.6	-954.00	6.04	-71.46	-328.56	3008.43	7532.95
						167.2	-1026.71	-127.73	-71.46	-328.56	-2965.62	3007.20
101	15	2013.66	2877.83	-0.02	-59.05	0.0	27.29	26.62	-24.26	-87.71	2877.83	413.78
		413.78	-1177.56	0.01	0.0	83.6	16.55	6.86	-24.26	-87.71	850.14	1951.18
						167.2	-4.80	-32.43	-24.26	-87.71	-1177.56	1020.50
101	25	2161.15	3144.40	-0.02	-59.05	0.0	-74.73	21.85	-26.46	-97.58	3144.40	1027.73
		823.62	-1280.25	0.02	0.0	83.6	-85.47	2.09	-26.46	-97.58	932.07	2159.71
						167.2	-106.82	-37.20	-26.46	-97.58	-1280.25	823.62
101	31	1970.43	2978.92	-0.02	-59.05	0.0	65.75	25.24	-25.31	-96.72	2978.92	517.54
		517.54	-1253.43	0.02	0.0	83.6	55.01	5.48	-25.31	-96.72	862.75	1933.49
						167.2	33.65	-33.81	-25.31	-96.72	-1253.43	881.37
101	34	2291.34	2949.00	-0.02	-59.05	0.0	-209.36	23.13	-24.46	-83.66	2949.00	1027.35
		1027.35	-1139.67	4.58e-03	0.0	83.6	-220.10	3.37	-24.46	-83.66	904.67	2275.39
						167.2	-241.45	-35.91	-24.46	-83.66	-1139.67	1055.36
101	37	2017.79	3058.89	-0.02	-59.05	0.0	35.14	23.81	-25.97	-99.69	3058.89	701.72
		701.72	-1284.23	0.02	0.0	83.6	24.40	4.05	-25.97	-99.69	887.33	1996.05
						167.2	3.05	-35.24	-25.97	-99.69	-1284.23	822.30
101	47	1986.14	2854.56	-0.02	-59.05	0.0	54.06	27.27	-24.09	-87.03	2854.56	316.92
		316.92	-1172.48	0.01	0.0	83.6	43.32	7.51	-24.09	-87.03	841.04	1909.79
						167.2	21.96	-31.77	-24.09	-87.03	-1172.48	1034.57
101	57	2174.73	3193.32	-0.02	-59.05	0.0	-75.50	21.22	-26.88	-99.58	3193.32	1096.86
		784.51	-1302.85	0.02	0.0	83.6	-86.24	1.46	-26.88	-99.58	945.23	2174.73
						167.2	-107.59	-37.83	-26.88	-99.58	-1302.85	784.51
101	63	1927.08	2982.98	-0.02	-59.05	0.0	102.92	25.52	-25.43	-98.49	2982.98	448.69
		448.69	-1268.81	0.02	0.0	83.6	92.18	5.76	-25.43	-98.49	857.08	1887.31
						167.2	70.82	-33.53	-25.43	-98.49	-1268.81	857.08
101	66	2334.69	2944.95	-0.02	-59.05	0.0	-246.52	22.85	-24.34	-81.89	2944.95	1096.21
		1078.87	-1124.28	-2.90e-03	0.0	83.6	-257.26	3.09	-24.34	-81.89	910.34	2321.58
						167.2	-278.62	-36.20	-24.34	-81.89	-1124.28	1078.87
101	69	1987.25	3084.60	-0.02	-59.05	0.0	64.05	23.70	-26.26	-102.25	3084.60	682.67
		682.67	-1307.92	0.02	0.0	83.6	53.31	3.95	-26.26	-102.25	888.34	1966.79
						167.2	31.95	-35.34	-26.26	-102.25	-1307.92	782.83
101	79	1756.36	2551.33	-0.02	-50.40	0.0	-16.29	21.84	-21.71	-73.71	2551.33	533.13
		533.13	-1078.90	0.01	0.0	83.6	-25.85	4.24	-21.71	-73.71	736.22	1728.93
						167.2	-43.68	-28.56	-21.71	-73.71	-1078.90	818.24
101	85	5117.17	6170.03	-0.04	-128.17	0.0	-597.72	41.58	-49.30	-222.81	6170.03	2808.69
		2060.24	-2072.82	0.02	0.0	83.6	-617.85	4.54	-49.30	-222.81	2048.61	5113.07
						167.2	-667.39	-86.59	-49.30	-222.81	-2072.82	2060.24
101	86	1756.36	2551.33	-0.02	-50.40	0.0	-16.29	21.84	-21.71	-73.71	2551.33	533.13
		533.13	-1078.90	0.01	0.0	83.6	-25.85	4.24	-21.71	-73.71	736.22	1728.93
						167.2	-43.68	-28.56	-21.71	-73.71	-1078.90	818.24

101	90	2628.27	3495.14	-0.02	-70.57	0.0	-162.18	27.04	-28.92	-112.32	3495.14	1115.88
		1115.88	-1340.43	0.01	0.0	83.6	-174.49	4.40	-28.92	-112.32	1077.36	2606.03
						167.2	-200.54	-43.53	-28.92	-112.32	-1340.43	1146.70
101	91	1756.36	2551.33	-0.02	-50.40	0.0	-16.29	21.84	-21.71	-73.71	2551.33	533.13
		533.13	-1078.90	0.01	0.0	83.6	-25.85	4.24	-21.71	-73.71	736.22	1728.93
						167.2	-43.68	-28.56	-21.71	-73.71	-1078.90	818.24
101	92	2130.89	2963.96	-0.02	-59.05	0.0	-71.80	24.19	-24.88	-90.19	2963.96	772.45
		772.45	-1196.55	0.01	0.0	83.6	-82.54	4.43	-24.88	-90.19	883.71	2104.44
						167.2	-103.90	-34.86	-24.88	-90.19	-1196.55	968.36
102	4	452.09	4338.20	-6.69e-03	-190.28	0.0	-662.60	48.00	3.93	-67.41	3838.58	-564.25
		-5294.92	3838.58	-0.04	0.0	63.5	-725.39	-32.31	3.93	-67.41	4088.39	91.05
						127.0	-811.39	-142.28	3.93	-67.41	4338.20	-5294.92
102	5	186.49	1106.22	-3.92e-03	-47.40	0.0	-460.71	15.37	1.01	-16.79	978.44	-199.88
		-1012.49	978.44	-6.58e-03	0.0	63.5	-476.97	-5.43	1.01	-16.79	1042.33	146.36
						127.0	-497.78	-32.04	1.01	-16.79	1106.22	-1012.49
102	11	514.77	5228.58	-7.00e-03	-229.87	0.0	-628.02	56.36	4.75	-81.80	4625.78	-654.60
		-6549.90	4625.78	-0.05	0.0	63.5	-703.64	-40.34	4.75	-81.80	4927.18	46.98
						127.0	-807.78	-173.52	4.75	-81.80	5228.58	-6549.90
102	12	361.60	3662.36	-5.04e-03	-160.90	0.0	-428.92	39.66	3.33	-57.59	3239.44	-463.15
		-4571.96	3239.44	-0.04	0.0	63.5	-481.93	-28.13	3.33	-57.59	3450.90	36.76
						127.0	-554.74	-121.24	3.33	-57.59	3662.36	-4571.96
102	25	221.78	1848.96	-4.75e-03	-65.24	0.0	-472.37	18.20	7.38	-21.64	929.85	-182.85
		-1639.43	929.85	-0.01	0.0	63.5	-494.41	-9.99	7.38	-21.64	1389.40	124.59
						127.0	-523.39	-47.05	7.38	-21.64	1848.96	-1639.43
102	26	206.57	1897.22	-3.80e-03	-65.24	0.0	-414.65	19.83	7.03	-20.18	985.98	-274.04
		-1523.03	985.98	-0.01	0.0	63.5	-436.69	-8.35	7.03	-20.18	1441.60	137.19
						127.0	-465.67	-45.41	7.03	-20.18	1897.22	-1523.03
102	31	261.69	1340.28	-5.73e-03	-65.24	0.0	-593.37	16.77	0.62	-26.79	1323.79	-79.18
		-1739.79	1323.79	-5.67e-03	0.0	63.5	-615.41	-11.42	0.62	-26.79	1332.04	126.24
						127.0	-644.39	-48.48	0.62	-26.79	1340.28	-1739.79
102	33	238.30	1514.92	-5.78e-03	-65.24	0.0	-560.41	16.40	3.31	-24.17	1157.45	-102.21
		-1763.97	1157.45	-6.16e-03	0.0	63.5	-582.45	-11.78	3.31	-24.17	1336.19	102.64
						127.0	-611.43	-48.84	3.31	-24.17	1514.92	-1763.97
102	34	179.12	1675.81	-2.62e-03	-65.24	0.0	-368.00	21.85	2.11	-19.29	1344.53	-406.20
		-1375.96	1344.53	-0.02	0.0	63.5	-390.04	-6.34	2.11	-19.29	1510.17	144.65
						127.0	-419.02	-43.40	2.11	-19.29	1675.81	-1375.96
102	57	225.99	1941.39	-4.91e-03	-65.24	0.0	-470.19	17.90	9.01	-21.26	820.32	-166.70
		-1661.47	820.32	-0.01	0.0	63.5	-492.22	-10.29	9.01	-21.26	1380.86	121.65
						127.0	-521.20	-47.34	9.01	-21.26	1941.39	-1661.47
102	58	204.79	2002.71	-3.70e-03	-65.24	0.0	-396.86	19.97	8.56	-19.40	891.62	-282.54
		-1513.62	891.62	-0.02	0.0	63.5	-418.90	-8.21	8.56	-19.40	1447.17	137.65
						127.0	-447.88	-45.27	8.56	-19.40	2002.71	-1513.62
102	63	276.69	1320.97	-6.15e-03	-65.24	0.0	-623.81	16.08	0.42	-27.81	1320.97	-35.01
		-1788.95	1294.94	-4.59e-03	0.0	63.5	-645.85	-12.10	0.42	-27.81	1307.95	123.75
						127.0	-674.83	-49.16	0.42	-27.81	1294.94	-1788.95
102	65	247.00	1516.78	-6.22e-03	-65.24	0.0	-581.97	15.62	3.83	-24.48	1109.67	-64.24
		-1819.65	1109.67	-5.16e-03	0.0	63.5	-604.01	-12.56	3.83	-24.48	1313.22	93.79
						127.0	-632.99	-49.62	3.83	-24.48	1516.78	-1819.65
102	66	174.18	1721.16	-2.20e-03	-65.24	0.0	-337.56	22.53	2.31	-18.27	1347.35	-450.37
		-1326.80	1347.35	-0.02	0.0	63.5	-359.60	-5.65	2.31	-18.27	1534.25	147.14
						127.0	-388.58	-42.71	2.31	-18.27	1721.16	-1326.80
102	79	196.18	1249.59	-4.01e-03	-53.81	0.0	-468.23	16.78	1.14	-19.04	1105.29	-215.17
		-1208.04	1105.29	-7.97e-03	0.0	63.5	-486.57	-6.67	1.14	-19.04	1177.44	142.60
						127.0	-510.31	-37.03	1.14	-19.04	1249.59	-1208.04
102	82	318.07	2963.17	-4.94e-03	-129.76	0.0	-499.15	33.29	2.69	-45.98	2621.86	-394.67
		-3560.66	2621.86	-0.03	0.0	63.5	-542.07	-21.60	2.69	-45.98	2792.52	82.22
						127.0	-600.61	-96.46	2.69	-45.98	2963.17	-3560.66
102	83	310.75	2953.68	-4.75e-03	-129.47	0.0	-447.04	32.98	2.69	-46.23	2612.62	-390.68
		-3581.02	2612.62	-0.03	0.0	63.5	-489.87	-21.80	2.69	-46.23	2783.15	69.53
						127.0	-548.29	-96.50	2.69	-46.23	2953.68	-3581.02
102	85	359.86	3556.75	-5.14e-03	-156.15	0.0	-476.10	38.87	3.23	-55.58	3146.66	-454.90
		-4397.31	3146.66	-0.03	0.0	63.5	-527.57	-26.96	3.23	-55.58	3351.71	52.84
						127.0	-598.21	-117.29	3.23	-55.58	3556.75	-4397.31
102	86	196.18	1249.59	-4.01e-03	-53.81	0.0	-468.23	16.78	1.14	-19.04	1105.29	-215.17
		-1208.04	1105.29	-7.97e-03	0.0	63.5	-486.57	-6.67	1.14	-19.04	1177.44	142.60
						127.0	-510.31	-37.03	1.14	-19.04	1249.59	-1208.04
102	87	224.37	1680.35	-4.29e-03	-72.87	0.0	-488.99	20.99	1.52	-25.71	1486.74	-261.04
		-1791.10	1486.74	-0.01	0.0	63.5	-513.49	-10.35	1.52	-25.71	1583.55	130.68
						127.0	-545.97	-51.88	1.52	-25.71	1680.35	-1791.10
102	88	215.04	1590.41	-4.16e-03	-68.94	0.0	-463.99	20.02	1.45	-24.48	1406.75	-250.27
		-1682.63	1406.75	-0.01	0.0	63.5	-487.23	-9.69	1.45	-24.48	1498.58	127.99
						127.0	-517.91	-48.92	1.45	-24.48	1590.41	-1682.63
102	90	231.95	1848.87	-4.32e-03	-80.38	0.0	-476.45	22.55	1.68	-28.48	1635.63	-277.79
		-2032.47	1635.63	-0.01	0.0	63.5	-503.39	-11.90	1.68	-28.48	1742.25	120.83
						127.0	-539.30	-57.83	1.68	-28.48	1848.87	-2032.47
102	91	196.18	1249.59	-4.01e-03	-53.81	0.0	-468.23	16.78	1.14	-19.04	1105.29	-215.17
		-1208.04	1105.29	-7.97e-03	0.0	63.5	-486.57	-6.67	1.14	-19.04	1177.44	142.60

102	92	213.10	1508.05	-4.17e-03	-65.24	127.0	-510.31	-37.03	1.14	-19.04	1249.59	-1208.04
		-1557.88	1334.16	-0.01	0.0	0.0	-480.69	19.31	1.37	-23.04	1334.16	-242.69
						63.5	-502.72	-8.88	1.37	-23.04	1421.10	135.45
103	5	2181.53	1264.72	-0.02	-114.76	127.0	-531.70	-45.94	1.37	-23.04	1508.05	-1557.88
		-2311.21	0.0	-0.03	0.0	0.0	-553.66	48.53	5.61	83.49	0.0	0.0
						112.6	-507.14	-10.96	5.61	83.49	632.36	2076.02
103	11	1.128e+04	5896.13	-0.08	-600.35	225.3	-463.92	-66.23	5.61	83.49	1264.72	-2311.21
		-1.250e+04	0.0	-0.09	0.0	0.0	-1370.33	253.53	26.17	409.98	0.0	0.0
						112.6	-1125.22	-59.91	26.17	409.98	2948.06	1.066e+04
103	17	3084.28	2100.08	-0.03	-162.59	225.3	-900.87	-346.82	26.17	409.98	5896.13	-1.250e+04
		-3297.58	0.0	-0.03	0.0	0.0	-583.18	68.81	9.32	129.43	0.0	0.0
						112.6	-517.08	-15.71	9.32	129.43	1050.04	2929.85
103	30	3035.68	1991.99	-0.02	-162.59	225.3	-456.04	-93.78	9.32	129.43	2100.08	-3297.58
		-3427.16	0.0	-0.04	0.0	0.0	-635.96	68.24	8.84	130.90	0.0	0.0
						112.6	-569.87	-16.29	8.84	130.90	996.00	2865.06
103	31	3256.01	1680.47	-0.03	-162.59	225.3	-508.82	-94.36	8.84	130.90	1991.99	-3427.16
		-2893.70	0.0	-0.03	0.0	0.0	-524.47	70.61	7.46	112.62	0.0	0.0
						112.6	-458.38	-13.92	7.46	112.62	840.24	3131.79
103	34	2923.54	1752.98	-0.02	-162.59	225.3	-397.33	-91.99	7.46	112.62	1680.47	-2893.70
		-3726.22	0.0	-0.04	0.0	0.0	-753.16	66.91	7.78	116.51	0.0	0.0
						112.6	-687.06	-17.62	7.78	116.51	876.49	2715.54
103	36	2938.78	1556.36	-0.02	-162.59	225.3	-626.01	-95.68	7.78	116.51	1752.98	-3726.22
		-3685.58	0.0	-0.04	0.0	0.0	-768.54	67.09	6.91	107.12	0.0	0.0
						112.6	-702.45	-17.44	6.91	107.12	778.18	2735.85
103	37	3238.24	1877.08	-0.03	-162.59	225.3	-641.40	-95.50	6.91	107.12	1556.36	-3685.58
		-2934.34	0.0	-0.03	0.0	0.0	-509.08	70.43	8.33	122.02	0.0	0.0
						112.6	-442.99	-14.10	8.33	122.02	938.54	3111.47
103	49	3085.58	2203.70	-0.03	-162.59	225.3	-381.94	-92.17	8.33	122.02	1877.08	-2934.34
		-3294.12	0.0	-0.03	0.0	0.0	-568.18	68.83	9.78	133.44	0.0	0.0
						112.6	-502.08	-15.70	9.78	133.44	1101.85	2931.58
103	62	3023.86	2066.63	-0.02	-162.59	225.3	-441.03	-93.77	9.78	133.44	2203.70	-3294.12
		-3458.69	0.0	-0.04	0.0	0.0	-635.21	68.10	9.17	135.32	0.0	0.0
						112.6	-569.11	-16.43	9.17	135.32	1033.31	2849.30
103	63	3305.20	1670.66	-0.03	-162.59	225.3	-508.06	-94.50	9.17	135.32	2066.63	-3458.69
		-2781.27	0.0	-0.02	0.0	0.0	-493.57	71.10	7.42	112.10	0.0	0.0
						112.6	-427.47	-13.42	7.42	112.10	835.33	3188.01
103	66	2881.38	1762.79	-0.02	-162.59	225.3	-366.42	-91.49	7.42	112.10	1670.66	-2781.27
		-3838.65	0.0	-0.04	0.0	0.0	-784.06	66.41	7.83	117.04	0.0	0.0
						112.6	-717.97	-18.12	7.83	117.04	881.39	2659.32
103	68	2900.70	1512.97	-0.02	-162.59	225.3	-656.92	-96.18	7.83	117.04	1762.79	-3838.65
		-3787.12	0.0	-0.04	0.0	0.0	-803.60	66.64	6.72	105.10	0.0	0.0
						112.6	-737.50	-17.89	6.72	105.10	756.48	2685.08
103	69	3282.66	1920.48	-0.03	-162.59	225.3	-676.45	-95.95	6.72	105.10	1512.97	-3787.12
		-2832.80	0.0	-0.03	0.0	0.0	-474.03	70.88	8.53	124.03	0.0	0.0
						112.6	-407.93	-13.65	8.53	124.03	960.24	3162.24
103	79	2503.96	1426.01	-0.02	-131.93	225.3	-346.89	-91.72	8.53	124.03	1920.48	-2832.80
		-2669.65	0.0	-0.03	0.0	0.0	-584.55	55.79	6.33	94.65	0.0	0.0
						112.6	-531.00	-12.69	6.33	94.65	713.00	2380.34
103	85	7637.59	4013.36	-0.05	-406.38	225.3	-481.38	-76.14	6.33	94.65	1426.01	-2669.65
		-8451.10	0.0	-0.06	0.0	0.0	-970.90	171.62	17.82	278.50	0.0	0.0
						112.6	-805.04	-40.48	17.82	278.50	2006.68	7218.04
103	86	2503.96	1426.01	-0.02	-131.93	225.3	-653.13	-234.76	17.82	278.50	4013.36	-8451.10
		-2669.65	0.0	-0.03	0.0	0.0	-584.55	55.79	6.33	94.65	0.0	0.0
						112.6	-531.00	-12.69	6.33	94.65	713.00	2380.34
103	90	3837.71	2098.53	-0.03	-203.17	225.3	-481.38	-76.14	6.33	94.65	1426.01	-2669.65
		-4167.44	0.0	-0.04	0.0	0.0	-690.76	85.87	9.32	142.04	0.0	0.0
						112.6	-608.06	-19.89	9.32	142.04	1049.26	3637.65
103	91	2503.96	1426.01	-0.02	-131.93	225.3	-531.88	-117.30	9.32	142.04	2098.53	-4167.44
		-2669.65	0.0	-0.03	0.0	0.0	-584.55	55.79	6.33	94.65	0.0	0.0
						112.6	-531.00	-12.69	6.33	94.65	713.00	2380.34
103	92	3079.64	1716.72	-0.03	-162.59	225.3	-481.38	-76.14	6.33	94.65	1426.01	-2669.65
		-3309.96	0.0	-0.03	0.0	0.0	-638.81	68.76	7.62	114.57	0.0	0.0
						112.6	-572.72	-15.77	7.62	114.57	858.36	2923.66
104	1	2488.80	10.71	-0.07	-98.18	225.3	-511.67	-93.84	7.62	114.57	1716.72	-3309.96
		-4436.67	9.85	8.29e-04	0.0	0.0	300.83	48.68	-1.55e-03	4.92	10.71	-4208.45
						277.5	300.83	-0.41	-1.55e-03	4.92	10.28	2488.80
104	4	2460.64	30.87	-0.07	-98.18	555.0	300.83	-49.50	-1.55e-03	4.92	9.85	-4436.67
		-4512.13	4.73	1.77e-03	0.0	0.0	465.23	48.51	-0.05	7.02	30.87	-4189.31
						277.5	465.23	-0.58	-0.05	7.02	17.80	2460.64
104	5	1918.18	8.50	-0.05	-75.52	555.0	465.23	-49.67	-0.05	7.02	4.73	-4512.13
		-3401.91	6.01	4.85e-04	0.0	0.0	211.67	37.47	4.49e-03	3.59	6.01	-3240.74
						277.5	211.67	-0.29	4.49e-03	3.59	7.26	1918.18
104	7	1899.64	18.63	-0.05	-75.52	555.0	211.67	-38.05	4.49e-03	3.59	8.50	-3401.91
		-3467.16	1.96	1.43e-03	0.0	0.0	309.00	37.30	-0.03	4.84	18.63	-3212.57
						277.5	309.00	-0.46	-0.03	4.84	10.30	1899.64
104	11	2456.58	34.62	-0.06	-98.18	555.0	309.00	-38.22	-0.03	4.84	1.96	-3467.16
						0.0	503.11	48.56	-0.05	7.48	34.62	-4206.78

		-4502.77	8.12	1.49e-03	0.0	277.5	503.11	-0.53	-0.05	7.48	21.37	2456.58
						555.0	503.11	-49.62	-0.05	7.48	8.12	-4502.77
104	23	1930.03	10.86	-0.05	-75.52	0.0	250.68	37.73	-0.01	6.15	10.86	-3297.94
		-3321.02	4.02	7.83e-03	0.0	277.5	250.68	-0.03	-0.01	6.15	7.44	1930.03
						555.0	250.68	-37.79	-0.01	6.15	4.02	-3321.02
104	26	1894.71	9.32	-0.05	-75.52	0.0	233.91	37.11	8.75e-04	1.75	8.73	-3168.35
		-3521.24	8.73	-6.31e-03	0.0	277.5	233.91	-0.65	8.75e-04	1.75	9.03	1894.71
						555.0	233.91	-38.41	8.75e-04	1.75	9.32	-3521.24
104	32	1887.19	36.98	-0.04	-75.52	0.0	240.16	35.28	-0.09	-0.96	36.98	-2662.72
		-4051.82	-13.54	-0.03	0.0	277.5	240.16	-2.48	-0.09	-0.96	11.72	1882.23
						555.0	240.16	-40.25	-0.09	-0.96	-13.54	-4051.82
104	35	1946.79	25.34	-0.06	-75.52	0.0	248.63	39.32	0.07	9.45	-16.60	-3726.29
		-3726.29	-16.60	0.03	0.0	277.5	248.63	1.55	0.07	9.45	4.37	1946.79
						555.0	248.63	-36.21	0.07	9.45	25.34	-2859.14
104	36	1884.86	42.10	-0.04	-75.52	0.0	240.23	35.36	-0.11	-1.18	42.10	-2685.18
		-4028.26	-17.45	-0.02	0.0	277.5	240.23	-2.40	-0.11	-1.18	12.33	1882.78
						555.0	240.23	-40.16	-0.11	-1.18	-17.45	-4028.26
104	37	1941.95	30.79	-0.06	-75.52	0.0	244.35	39.49	0.10	9.08	-22.52	-3781.11
		-3781.11	-22.52	0.03	0.0	277.5	244.35	1.72	0.10	9.08	4.13	1941.95
						555.0	244.35	-36.04	0.10	9.08	30.79	-2813.99
104	55	1934.55	11.08	-0.05	-75.52	0.0	252.93	37.82	-0.01	6.75	11.08	-3316.81
		-3316.81	3.33	9.74e-03	0.0	277.5	252.93	0.06	-0.01	6.75	7.20	1934.55
						555.0	252.93	-37.70	-0.01	6.75	3.33	-3293.10
104	58	1890.18	10.01	-0.05	-75.52	0.0	231.65	37.03	2.48e-03	1.15	8.50	-3149.48
		-3549.16	8.50	-8.22e-03	0.0	277.5	231.65	-0.74	2.48e-03	1.15	9.26	1890.18
						555.0	231.65	-38.50	2.48e-03	1.15	10.01	-3549.16
104	64	1898.87	44.36	-0.04	-75.52	0.0	239.57	34.70	-0.11	-2.29	44.36	-2508.52
		-4223.37	-19.06	-0.03	0.0	277.5	239.57	-3.07	-0.11	-2.29	12.65	1873.56
						555.0	239.57	-40.83	-0.11	-2.29	-19.06	-4223.37
104	67	1956.37	30.45	-0.06	-75.52	0.0	250.34	39.83	0.10	10.93	-23.76	-3860.40
		-3860.40	-23.76	0.03	0.0	277.5	250.34	2.07	0.10	10.93	3.35	1956.37
						555.0	250.34	-35.69	0.10	10.93	30.45	-2705.88
104	68	1895.96	50.83	-0.04	-75.52	0.0	239.67	34.80	-0.13	-2.57	50.83	-2536.98
		-4193.44	-24.02	-0.03	0.0	277.5	239.67	-2.96	-0.13	-2.57	13.40	1874.29
						555.0	239.67	-40.72	-0.13	-2.57	-24.02	-4193.44
104	69	1950.44	37.36	-0.06	-75.52	0.0	244.92	40.05	0.12	10.47	-31.24	-3929.31
		-3929.31	-31.24	0.03	0.0	277.5	244.92	2.28	0.12	10.47	3.06	1950.44
						555.0	244.92	-35.48	0.12	10.47	37.36	-2648.81
104	79	1916.08	7.98	-0.05	-75.52	0.0	222.83	37.46	1.28e-03	3.70	7.27	-3238.78
		-3408.08	7.27	5.71e-04	0.0	277.5	222.83	-0.31	1.28e-03	3.70	7.62	1916.08
						555.0	222.83	-38.07	1.28e-03	3.70	7.98	-3408.08
104	81	1903.72	15.68	-0.05	-75.52	0.0	287.71	37.34	-0.02	4.54	15.68	-3220.00
		-3451.58	3.62	1.20e-03	0.0	277.5	287.71	-0.42	-0.02	4.54	9.65	1903.72
						555.0	287.71	-38.18	-0.02	4.54	3.62	-3451.58
104	82	1897.31	20.71	-0.05	-75.52	0.0	332.43	37.34	-0.03	5.10	20.71	-3226.02
		-3458.38	4.57	1.20e-03	0.0	277.5	332.43	-0.42	-0.03	5.10	12.64	1897.31
						555.0	332.43	-38.18	-0.03	5.10	4.57	-3458.38
104	85	1894.60	23.21	-0.05	-75.52	0.0	357.68	37.38	-0.03	5.40	23.21	-3237.67
		-3452.14	6.82	1.01e-03	0.0	277.5	357.68	-0.39	-0.03	5.40	15.02	1894.60
						555.0	357.68	-38.15	-0.03	5.40	6.82	-3452.14
104	86	1916.08	7.98	-0.05	-75.52	0.0	222.83	37.46	1.28e-03	3.70	7.27	-3238.78
		-3408.08	7.27	5.71e-04	0.0	277.5	222.83	-0.31	1.28e-03	3.70	7.62	1916.08
						555.0	222.83	-38.07	1.28e-03	3.70	7.98	-3408.08
104	87	1909.90	11.48	-0.05	-75.52	0.0	255.27	37.40	-0.01	4.12	11.48	-3229.39
		-3429.83	5.80	8.85e-04	0.0	277.5	255.27	-0.36	-0.01	4.12	8.64	1909.90
						555.0	255.27	-38.12	-0.01	4.12	5.80	-3429.83
104	90	1909.80	11.80	-0.05	-75.52	0.0	260.18	37.42	-8.57e-03	4.17	11.80	-3235.55
		-3423.85	7.05	7.60e-04	0.0	277.5	260.18	-0.34	-8.57e-03	4.17	9.43	1909.80
						555.0	260.18	-38.10	-8.57e-03	4.17	7.05	-3423.85
104	91	1916.08	7.98	-0.05	-75.52	0.0	222.83	37.46	1.28e-03	3.70	7.27	-3238.78
		-3408.08	7.27	5.71e-04	0.0	277.5	222.83	-0.31	1.28e-03	3.70	7.62	1916.08
						555.0	222.83	-38.07	1.28e-03	3.70	7.98	-3408.08
104	92	1912.37	9.79	-0.05	-75.52	0.0	242.29	37.42	-5.63e-03	3.95	9.79	-3233.15
		-3421.13	6.67	7.59e-04	0.0	277.5	242.29	-0.34	-5.63e-03	3.95	8.23	1912.37
						555.0	242.29	-38.10	-5.63e-03	3.95	6.67	-3421.13
105	4	657.91	16.21	-0.02	-248.04	0.0	-506.67	105.11	0.01	1.74	14.38	-2182.76
		-4546.64	14.38	0.01	0.0	63.5	-603.30	-18.47	0.01	1.74	15.29	572.85
						127.0	-700.63	-142.93	0.01	1.74	16.21	-4546.64
105	5	158.84	8.51	-6.19e-03	-58.71	0.0	-140.27	25.43	0.02	0.63	6.03	-543.67
		-1034.60	6.03	7.07e-03	0.0	63.5	-163.16	-3.84	0.02	0.63	7.27	142.94
						127.0	-186.18	-33.28	0.02	0.63	8.51	-1034.60
105	11	797.24	15.85	-0.02	-300.88	0.0	-608.78	127.29	0.02	1.54	13.23	-2636.98
		-5531.26	13.23	0.01	0.0	63.5	-726.00	-22.61	0.02	1.54	14.54	692.40
						127.0	-844.07	-173.60	0.02	1.54	15.85	-5531.26
105	28	255.34	54.90	-6.81e-03	-82.52	0.0	-181.11	35.75	-9.05	6.95	54.90	-755.31
		-1392.05	-1112.77	0.01	0.0	63.5	-213.27	-5.38	-9.05	6.95	-528.93	236.36
						127.0	-245.64	-46.77	-9.05	6.95	-1112.77	-1392.05

105	29	187.35	1131.89	-8.67e-03	-82.52	0.0	-188.44	35.09	9.08	-5.26	-39.86	-741.38
		-1565.36	-39.86	1.17e-03	0.0	63.5	-220.60	-6.03	9.08	-5.26	546.01	156.66
						127.0	-252.97	-47.43	9.08	-5.26	1131.89	-1565.36
105	40	295.20	23.27	-6.80e-03	-82.52	0.0	-181.30	37.19	-3.00	3.24	23.27	-785.17
		-1262.55	-365.20	3.74e-03	0.0	63.5	-213.46	-3.93	-3.00	3.24	-170.97	286.18
						127.0	-245.83	-45.33	-3.00	3.24	-365.20	-1262.55
105	41	147.48	384.32	-8.69e-03	-82.52	0.0	-188.25	33.65	3.03	-1.55	-8.22	-711.53
		-1694.86	-8.22	0.01	0.0	63.5	-220.41	-7.48	3.03	-1.55	188.05	106.84
						127.0	-252.78	-48.87	3.03	-1.55	384.32	-1694.86
105	60	264.33	67.60	-6.56e-03	-82.52	0.0	-180.12	35.84	-11.48	8.52	67.60	-757.25
		-1368.98	-1413.82	0.02	0.0	63.5	-212.29	-5.29	-11.48	8.52	-673.11	246.92
						127.0	-244.65	-46.68	-11.48	8.52	-1413.82	-1368.98
105	61	178.35	1432.94	-8.92e-03	-82.52	0.0	-189.43	35.00	11.51	-6.83	-52.56	-739.44
		-1588.42	-52.56	-1.87e-03	0.0	63.5	-221.59	-6.13	11.51	-6.83	690.19	146.10
						127.0	-253.96	-47.52	11.51	-6.83	1432.94	-1588.42
105	72	315.16	27.46	-6.54e-03	-82.52	0.0	-180.36	37.67	-3.81	3.85	27.46	-795.11
		-1204.14	-464.83	2.64e-03	0.0	63.5	-212.52	-3.46	-3.81	3.85	-218.68	310.41
						127.0	-244.89	-44.85	-3.81	3.85	-464.83	-1204.14
105	73	131.54	483.95	-8.94e-03	-82.52	0.0	-189.19	33.17	3.84	-2.16	-12.42	-701.58
		-1753.27	-12.42	0.01	0.0	63.5	-221.35	-7.96	3.84	-2.16	235.76	82.61
						127.0	-253.72	-49.35	3.84	-2.16	483.95	-1753.27
105	79	181.26	8.83	-6.74e-03	-67.26	0.0	-156.24	29.02	0.02	0.70	6.51	-617.15
		-1194.04	6.51	7.30e-03	0.0	63.5	-182.46	-4.51	0.02	0.70	7.67	162.16
						127.0	-208.84	-38.24	0.02	0.70	8.83	-1194.04
105	82	447.83	11.77	-0.01	-168.63	0.0	-347.97	71.55	0.01	1.20	10.14	-1488.47
		-3084.01	10.14	9.12e-03	0.0	63.5	-413.67	-12.46	0.01	1.20	10.95	390.71
						127.0	-479.83	-97.08	0.01	1.20	11.77	-3084.01
105	85	540.71	11.53	-0.02	-203.86	0.0	-416.04	86.34	0.02	1.08	9.38	-1791.29
		-3740.42	9.38	8.77e-03	0.0	63.5	-495.46	-15.23	0.02	1.08	10.45	470.41
						127.0	-575.46	-117.52	0.02	1.08	11.53	-3740.42
105	86	181.26	8.83	-6.74e-03	-67.26	0.0	-156.24	29.02	0.02	0.70	6.51	-617.15
		-1194.04	6.51	7.30e-03	0.0	63.5	-182.46	-4.51	0.02	0.70	7.67	162.16
						127.0	-208.84	-38.24	0.02	0.70	8.83	-1194.04
105	87	248.06	10.05	-8.41e-03	-92.70	0.0	-203.80	39.69	0.01	0.94	8.20	-835.81
		-1668.48	8.20	8.13e-03	0.0	63.5	-239.92	-6.51	0.01	0.94	9.12	219.41
						127.0	-276.29	-53.01	0.01	0.94	10.05	-1668.48
105	90	274.53	9.76	-8.96e-03	-102.72	0.0	-223.42	43.90	0.02	0.85	7.62	-921.95
		-1855.14	7.62	7.86e-03	0.0	63.5	-263.45	-7.29	0.02	0.85	8.69	242.13
						127.0	-303.74	-58.82	0.02	0.85	9.76	-1855.14
105	91	181.26	8.83	-6.74e-03	-67.26	0.0	-156.24	29.02	0.02	0.70	6.51	-617.15
		-1194.04	6.51	7.30e-03	0.0	63.5	-182.46	-4.51	0.02	0.70	7.67	162.16
						127.0	-208.84	-38.24	0.02	0.70	8.83	-1194.04
105	92	221.34	9.56	-7.74e-03	-82.52	0.0	-184.78	35.42	0.02	0.85	7.52	-748.35
		-1478.70	7.52	7.80e-03	0.0	63.5	-216.94	-5.71	0.02	0.85	8.54	196.51
						127.0	-249.31	-47.10	0.02	0.85	9.56	-1478.70
106	3	4706.98	6.38	-0.03	-278.55	0.0	-845.88	106.30	0.03	-26.87	0.0	0.0
		-6988.24	0.0	-0.02	0.0	112.6	-739.26	-30.04	0.03	-26.87	3.19	4349.47
						225.3	-628.06	-172.25	0.03	-26.87	6.38	-6988.24
106	5	1645.22	1.47	-0.01	-96.25	0.0	-311.10	37.04	6.53e-03	-14.03	0.0	0.0
		-2368.43	0.0	-0.01	0.0	112.6	-274.14	-10.23	6.53e-03	-14.03	0.74	1526.08
						225.3	-235.84	-59.21	6.53e-03	-14.03	1.47	-2368.43
106	9	6718.82	2.61	-0.04	-398.73	0.0	-1197.77	151.84	0.01	-22.03	0.0	0.0
		-1.005e+04	0.0	-0.02	0.0	112.6	-1045.28	-43.16	0.01	-22.03	1.30	6202.62
						225.3	-885.97	-246.88	0.01	-22.03	2.61	-1.005e+04
106	11	8148.32	5.17	-0.05	-484.12	0.0	-1443.49	184.21	0.02	-27.04	0.0	0.0
		-1.223e+04	0.0	-0.02	0.0	112.6	-1258.40	-52.48	0.02	-27.04	2.58	7519.34
						225.3	-1064.91	-299.92	0.02	-27.04	5.17	-1.223e+04
106	19	2363.60	0.0	-0.02	-134.31	0.0	-414.41	52.43	-4.83	-67.37	0.0	0.0
		-3121.66	-1088.20	-4.37e-03	0.0	112.6	-362.92	-13.42	-4.83	-67.37	-544.10	2221.28
						225.3	-309.38	-81.88	-4.83	-67.37	-1088.20	-3121.66
106	22	2201.12	1093.31	-0.01	-134.31	0.0	-426.83	50.50	4.85	35.17	0.0	0.0
		-3554.93	0.0	-0.02	0.0	112.6	-375.33	-15.34	4.85	35.17	546.66	2004.64
						225.3	-321.80	-83.81	4.85	35.17	1093.31	-3554.93
106	39	2444.83	0.0	-0.02	-134.31	0.0	-411.89	53.38	-1.78	-39.89	0.0	0.0
		-2907.76	-401.06	-3.71e-03	0.0	112.6	-360.40	-12.47	-1.78	-39.89	-200.53	2328.23
						225.3	-306.86	-80.94	-1.78	-39.89	-401.06	-2907.76
106	42	2120.91	406.17	-9.89e-03	-134.31	0.0	-429.35	49.55	1.80	7.69	0.0	0.0
		-3768.83	0.0	-0.03	0.0	112.6	-377.85	-16.29	1.80	7.69	203.08	1897.69
						225.3	-324.32	-84.76	1.80	7.69	406.17	-3768.83
106	51	2385.55	0.0	-0.02	-134.31	0.0	-412.74	52.69	-6.12	-81.07	0.0	0.0
		-3063.13	-1377.81	3.75e-03	0.0	112.6	-361.24	-13.16	-6.12	-81.07	-688.91	2250.54
						225.3	-307.71	-81.63	-6.12	-81.07	-1377.81	-3063.13
106	54	2179.17	1382.92	-0.01	-134.31	0.0	-428.50	50.24	6.14	48.87	0.0	0.0
		-3613.46	0.0	-0.03	0.0	112.6	-377.01	-15.60	6.14	48.87	691.46	1975.37
						225.3	-323.47	-84.07	6.14	48.87	1382.92	-3613.46
106	71	2495.72	0.0	-0.02	-134.31	0.0	-409.53	53.89	-2.25	-46.20	0.0	0.0
		-2791.42	-507.62	1.29e-03	0.0	112.6	-358.04	-11.96	-2.25	-46.20	-253.81	2386.39

106	74	2077.28	512.73	-8.47e-03	-134.31	225.3	-304.51	-80.42	-2.25	-46.20	-507.62	-2791.42
		-3885.17	0.0	-0.03	0.0	0.0	-431.71	49.04	2.28	14.00	0.0	0.0
						112.6	-380.21	-16.81	2.28	14.00	256.37	1839.52
106	79	1873.93	1.82	-0.01	-109.91	225.3	-326.68	-85.27	2.28	14.00	512.73	-3885.17
		-2716.60	0.0	-0.01	0.0	0.0	-350.41	42.22	8.10e-03	-14.67	0.0	0.0
						112.6	-308.24	-11.72	8.10e-03	-14.67	0.91	1736.75
106	81	3235.36	4.26	-0.02	-191.24	225.3	-264.46	-67.69	8.10e-03	-14.67	1.82	-2716.60
		-4788.93	0.0	-0.02	0.0	0.0	-584.43	73.04	0.02	-19.44	0.0	0.0
						112.6	-511.21	-20.60	0.02	-19.44	2.13	2990.77
106	83	4576.59	1.75	-0.03	-271.36	225.3	-434.88	-118.20	0.02	-19.44	4.26	-4788.93
		-6830.27	0.0	-0.01	0.0	0.0	-819.03	103.41	7.76e-03	-16.21	0.0	0.0
						112.6	-715.22	-29.34	7.76e-03	-16.21	0.87	4226.20
106	85	5529.60	3.45	-0.03	-328.30	225.3	-606.82	-167.96	7.76e-03	-16.21	1.75	-6830.27
		-8280.90	0.0	-0.02	0.0	0.0	-982.84	124.98	0.02	-19.55	0.0	0.0
						112.6	-857.30	-35.56	0.02	-19.55	1.73	5104.02
106	86	1873.93	1.82	-0.01	-109.91	225.3	-726.12	-203.31	0.02	-19.55	3.45	-8280.90
		-2716.60	0.0	-0.01	0.0	0.0	-350.41	42.22	8.10e-03	-14.67	0.0	0.0
						112.6	-308.24	-11.72	8.10e-03	-14.67	0.91	1736.75
106	87	2554.65	3.04	-0.02	-150.58	225.3	-264.46	-67.69	8.10e-03	-14.67	1.82	-2716.60
		-3752.76	0.0	-0.02	0.0	0.0	-467.42	57.63	0.01	-17.05	0.0	0.0
						112.6	-409.72	-16.16	0.01	-17.05	1.52	2363.76
106	88	2414.46	1.81	-0.02	-142.20	225.3	-349.67	-92.95	0.01	-17.05	3.04	-3752.76
		-3539.33	0.0	-0.01	0.0	0.0	-444.14	54.46	8.03e-03	-14.98	0.0	0.0
						112.6	-389.63	-15.24	8.03e-03	-14.98	0.90	2234.64
106	90	2822.89	2.54	-0.02	-166.60	225.3	-332.94	-87.75	8.03e-03	-14.98	1.81	-3539.33
		-4161.03	0.0	-0.01	0.0	0.0	-514.34	63.70	0.01	-16.41	0.0	0.0
						112.6	-450.52	-17.91	0.01	-16.41	1.27	2610.85
106	91	1873.93	1.82	-0.01	-109.91	225.3	-384.06	-102.90	0.01	-16.41	2.54	-4161.03
		-2716.60	0.0	-0.01	0.0	0.0	-350.41	42.22	8.10e-03	-14.67	0.0	0.0
						112.6	-308.24	-11.72	8.10e-03	-14.67	0.91	1736.75
106	92	2282.36	2.55	-0.02	-134.31	225.3	-264.46	-67.69	8.10e-03	-14.67	1.82	-2716.60
		-3338.30	0.0	-0.01	0.0	0.0	-420.62	51.47	0.01	-16.10	0.0	0.0
						112.6	-369.13	-14.38	0.01	-16.10	1.28	2112.96
107	1	2587.22	23.59	-0.07	-98.18	225.3	-315.59	-82.85	0.01	-16.10	2.55	-3338.30
		-4341.70	-26.05	-1.22e-03	0.0	0.0	127.43	48.67	0.09	-11.64	-26.05	-4106.57
						277.5	127.43	-0.42	0.09	-11.64	-1.23	2587.22
107	3	2562.17	30.54	-0.07	-98.18	555.0	127.43	-49.51	0.09	-11.64	23.59	-4341.70
		-4402.61	-38.12	-5.15e-04	0.0	0.0	232.11	48.54	0.12	-13.70	-38.12	-4095.76
						277.5	232.11	-0.55	0.12	-13.70	-3.79	2562.17
107	5	1994.73	16.81	-0.05	-75.52	555.0	232.11	-49.64	0.12	-13.70	30.54	-4402.61
		-3331.88	-17.65	-1.06e-03	0.0	0.0	77.39	37.45	0.06	-8.65	-17.65	-3157.67
						277.5	77.39	-0.31	0.06	-8.65	-0.42	1994.73
107	11	2533.99	39.21	-0.07	-98.18	555.0	77.39	-38.08	0.06	-8.65	16.81	-3331.88
		-4357.43	-55.77	-9.47e-04	0.0	0.0	405.75	48.80	0.17	-15.17	-55.77	-4197.29
						277.5	405.75	-0.29	0.17	-15.17	-8.28	2533.99
107	19	2010.79	33.22	-0.06	-75.52	555.0	405.75	-49.38	0.17	-15.17	39.21	-4357.43
		-3324.60	-34.19	2.59e-03	0.0	0.0	115.80	37.43	0.12	-9.15	-34.19	-3132.83
						277.5	115.80	-0.33	0.12	-9.15	-0.49	2010.79
107	24	2001.58	30.26	-0.05	-75.52	555.0	115.80	-38.09	0.12	-9.15	33.22	-3324.60
		-3627.17	-23.56	-8.50e-03	0.0	0.0	119.59	36.37	0.09	-7.18	-23.56	-2848.68
						277.5	119.59	-1.39	0.09	-7.18	3.35	2001.58
107	25	1972.71	7.65	-0.06	-75.52	555.0	119.59	-39.15	0.09	-7.18	30.26	-3627.17
		-3463.73	-19.27	6.81e-03	0.0	0.0	100.39	38.46	0.06	-11.28	-19.27	-3463.73
						277.5	100.39	0.70	0.06	-11.28	-5.81	1972.71
107	32	1986.65	51.88	-0.05	-75.52	555.0	100.39	-37.07	0.06	-11.28	7.65	-3069.87
		-3952.93	-51.01	-0.03	0.0	0.0	117.99	35.27	0.18	-4.90	-51.01	-2562.80
						277.5	117.99	-2.49	0.18	-4.90	0.43	1981.64
107	38	1970.49	49.01	-0.05	-75.52	555.0	117.99	-40.25	0.18	-4.90	51.88	-3952.93
		-3875.97	-51.20	-0.02	0.0	0.0	113.46	35.58	0.18	-5.59	-51.20	-2662.05
						277.5	113.46	-2.18	0.18	-5.59	-1.10	1970.49
107	40	1983.90	0.90	-0.05	-75.52	555.0	113.46	-39.94	0.18	-5.59	49.01	-3875.97
		-3958.99	-1.48	-0.03	0.0	0.0	117.00	35.25	-3.98e-03	-4.29	0.90	-2562.99
						277.5	117.00	-2.51	-3.98e-03	-4.29	-0.29	1978.52
107	51	2016.32	37.07	-0.06	-75.52	555.0	117.00	-40.27	-3.98e-03	-4.29	-1.48	-3958.99
		-3317.59	-37.64	3.52e-03	0.0	0.0	117.36	37.44	0.13	-9.12	-37.64	-3128.77
						277.5	117.36	-0.32	0.13	-9.12	-0.28	2016.32
107	56	2004.65	33.31	-0.05	-75.52	555.0	117.36	-38.08	0.13	-9.12	37.07	-3317.59
		-3702.51	-24.19	-0.01	0.0	0.0	122.18	36.09	0.10	-6.63	-24.19	-2767.19
						277.5	122.18	-1.67	0.10	-6.63	4.56	2004.65
107	57	1969.63	4.60	-0.06	-75.52	555.0	122.18	-39.43	0.10	-6.63	33.31	-3702.51
		-3545.21	-18.63	8.88e-03	0.0	0.0	97.79	38.74	0.05	-11.84	-18.63	-3545.21
						277.5	97.79	0.98	0.05	-11.84	-7.02	1969.63
107	64	2004.83	60.78	-0.04	-75.52	555.0	97.79	-36.79	0.05	-11.84	4.60	-2994.53
		-4117.49	-59.00	-0.03	0.0	0.0	120.15	34.69	0.21	-3.73	-59.00	-2402.50
						277.5	120.15	-3.07	0.21	-3.73	0.89	1979.51
107	70	1977.25	57.14	-0.04	-75.52	555.0	120.15	-40.84	0.21	-3.73	60.78	-4117.49
						0.0	114.39	35.08	0.21	-4.61	-59.23	-2527.40

		-4019.95	-59.23	-0.03	0.0	277.5	114.39	-2.68	0.21	-4.61	-1.05	1965.83
						555.0	114.39	-40.44	0.21	-4.61	57.14	-4019.95
107	72	2001.61	6.95	-0.04	-75.52	0.0	118.90	34.67	-0.02	-2.96	6.95	-2402.85
		-4124.39	-7.01	-0.04	0.0	277.5	118.90	-3.09	-0.02	-2.96	-0.03	1975.89
						555.0	118.90	-40.86	-0.02	-2.96	-7.01	-4124.39
107	79	1992.15	17.56	-0.05	-75.52	0.0	89.05	37.44	0.07	-8.82	-19.00	-3158.36
		-3336.34	-19.00	-9.90e-04	0.0	277.5	89.05	-0.32	0.07	-8.82	-0.72	1992.15
						555.0	89.05	-38.08	0.07	-8.82	17.56	-3336.34
107	81	1975.45	22.20	-0.05	-75.52	0.0	158.84	37.36	0.09	-10.19	-27.05	-3151.16
		-3376.95	-27.05	-5.14e-04	0.0	277.5	158.84	-0.41	0.09	-10.19	-2.42	1975.45
						555.0	158.84	-38.17	0.09	-10.19	22.20	-3376.95
107	85	1956.67	27.98	-0.05	-75.52	0.0	274.60	37.53	0.12	-11.18	-38.82	-3218.85
		-3346.83	-38.82	-8.07e-04	0.0	277.5	274.60	-0.23	0.12	-11.18	-5.42	1956.67
						555.0	274.60	-37.99	0.12	-11.18	27.98	-3346.83
107	86	1992.15	17.56	-0.05	-75.52	0.0	89.05	37.44	0.07	-8.82	-19.00	-3158.36
		-3336.34	-19.00	-9.90e-04	0.0	277.5	89.05	-0.32	0.07	-8.82	-0.72	1992.15
						555.0	89.05	-38.08	0.07	-8.82	17.56	-3336.34
107	87	1983.80	19.88	-0.05	-75.52	0.0	123.95	37.40	0.08	-9.51	-23.02	-3154.76
		-3356.64	-23.02	-7.45e-04	0.0	277.5	123.95	-0.36	0.08	-9.51	-1.57	1983.80
						555.0	123.95	-38.13	0.08	-9.51	19.88	-3356.64
107	90	1982.38	20.39	-0.05	-75.52	0.0	137.33	37.45	0.08	-9.51	-24.25	-3169.31
		-3344.93	-24.25	-8.75e-04	0.0	277.5	137.33	-0.32	0.08	-9.51	-1.93	1982.38
						555.0	137.33	-38.08	0.08	-9.51	20.39	-3344.93
107	91	1992.15	17.56	-0.05	-75.52	0.0	89.05	37.44	0.07	-8.82	-19.00	-3158.36
		-3336.34	-19.00	-9.90e-04	0.0	277.5	89.05	-0.32	0.07	-8.82	-0.72	1992.15
						555.0	89.05	-38.08	0.07	-8.82	17.56	-3336.34
107	92	1987.14	18.96	-0.05	-75.52	0.0	109.99	37.42	0.07	-9.23	-21.41	-3156.20
		-3348.52	-21.41	-8.43e-04	0.0	277.5	109.99	-0.35	0.07	-9.23	-1.23	1987.14
						555.0	109.99	-38.11	0.07	-9.23	18.96	-3348.52
108	4	-233.41	-3294.80	5.85e-03	-186.89	0.0	-598.12	51.08	-3.61	63.74	-3294.80	-1366.26
		-5606.15	-3753.76	0.06	0.0	63.5	-660.66	-28.90	-3.61	63.74	-3524.28	-519.29
						127.0	-744.27	-135.81	-3.61	63.74	-3753.76	-5606.15
108	5	-42.07	-786.62	-1.68e-03	-46.74	0.0	-457.37	16.53	-0.94	16.32	-786.62	-483.24
		-1128.71	-905.81	0.02	0.0	63.5	-473.59	-4.20	-0.94	16.32	-846.22	-63.95
						127.0	-493.92	-30.21	-0.94	16.32	-905.81	-1128.71
108	11	-283.45	-3984.88	8.55e-03	-225.71	0.0	-549.64	59.94	-4.34	76.37	-3984.88	-1587.65
		-6906.48	-4536.04	0.07	0.0	63.5	-624.94	-36.36	-4.34	76.37	-4260.46	-663.89
						127.0	-726.14	-165.78	-4.34	76.37	-4536.04	-6906.48
108	12	-203.30	-2776.62	5.85e-03	-158.01	0.0	-379.55	42.22	-3.03	53.12	-2776.62	-1124.94
		-4823.04	-3161.94	0.04	0.0	63.5	-432.34	-25.29	-3.03	53.12	-2969.28	-465.53
						127.0	-503.11	-115.79	-3.03	53.12	-3161.94	-4823.04
108	27	-46.84	-693.41	-1.41e-03	-64.23	0.0	-654.70	20.55	-6.93	20.65	-693.41	-559.76
		-1687.81	-1566.11	0.03	0.0	63.5	-676.66	-7.54	-6.93	20.65	-1129.76	-104.13
						127.0	-704.93	-43.68	-6.93	20.65	-1566.11	-1687.81
108	28	-69.35	-807.60	7.45e-04	-64.23	0.0	-473.23	21.91	-6.47	18.47	-807.60	-648.83
		-1600.22	-1637.45	0.02	0.0	63.5	-495.19	-6.17	-6.47	18.47	-1222.53	-104.62
						127.0	-523.46	-42.32	-6.47	18.47	-1637.45	-1600.22
108	39	-29.20	-827.60	-3.89e-03	-64.23	0.0	-800.26	18.54	-3.32	24.67	-827.60	-444.92
		-1832.17	-1221.11	0.03	0.0	63.5	-822.22	-9.55	-3.32	24.67	-1024.35	-118.89
						127.0	-850.49	-45.69	-3.32	24.67	-1221.11	-1832.17
108	42	-100.06	-1308.55	2.59e-03	-64.23	0.0	-136.42	22.83	0.77	19.92	-1378.97	-728.67
		-1562.09	-1378.97	0.02	0.0	63.5	-158.38	-5.25	0.77	19.92	-1343.76	-125.72
						127.0	-186.65	-41.40	0.77	19.92	-1308.55	-1562.09
108	43	-26.98	-807.12	-3.98e-03	-64.23	0.0	-799.48	18.57	-3.68	25.12	-807.12	-444.37
		-1827.18	-1247.03	0.03	0.0	63.5	-821.44	-9.51	-3.68	25.12	-1027.07	-116.11
						127.0	-849.70	-45.66	-3.68	25.12	-1247.03	-1827.18
108	45	-30.55	-1018.79	-4.14e-03	-64.23	0.0	-742.10	18.25	-0.42	26.76	-1018.79	-434.01
		-1859.04	-1044.86	0.03	0.0	63.5	-764.06	-9.84	-0.42	26.76	-1031.82	-126.87
						127.0	-792.33	-45.98	-0.42	26.76	-1044.86	-1859.04
108	59	-41.33	-582.42	-1.62e-03	-64.23	0.0	-705.05	20.51	-8.47	20.20	-582.42	-552.45
		-1685.30	-1647.77	0.03	0.0	63.5	-727.01	-7.58	-8.47	20.20	-1115.09	-99.22
						127.0	-755.27	-43.72	-8.47	20.20	-1647.77	-1685.30
108	60	-69.44	-727.48	1.04e-03	-64.23	0.0	-474.54	22.24	-7.87	17.43	-727.48	-664.95
		-1574.03	-1738.42	0.03	0.0	63.5	-496.50	-5.84	-7.87	17.43	-1232.95	-99.83
						127.0	-524.76	-41.99	-7.87	17.43	-1738.42	-1574.03
108	71	-14.69	-753.08	-4.77e-03	-64.23	0.0	-889.95	17.96	-3.87	25.31	-753.08	-406.55
		-1868.70	-1209.24	0.03	0.0	63.5	-911.91	-10.13	-3.87	25.31	-981.16	-117.97
						127.0	-940.18	-46.27	-3.87	25.31	-1209.24	-1868.70
108	74	-105.66	-1320.42	3.47e-03	-64.23	0.0	-46.73	23.41	1.33	19.28	-1453.48	-767.03
		-1525.55	-1453.48	0.02	0.0	63.5	-68.69	-4.67	1.33	19.28	-1386.95	-126.64
						127.0	-96.96	-40.82	1.33	19.28	-1320.42	-1525.55
108	75	-12.23	-727.01	-4.88e-03	-64.23	0.0	-888.96	18.00	-4.34	25.88	-727.01	-405.87
		-1862.33	-1242.22	0.03	0.0	63.5	-910.92	-10.08	-4.34	25.88	-984.62	-114.44
						127.0	-939.19	-46.23	-4.34	25.88	-1242.22	-1862.33
108	77	-15.85	-985.26	-5.08e-03	-64.23	0.0	-816.09	17.59	-0.20	27.97	-985.26	-392.73
		-1902.81	-996.01	0.03	0.0	63.5	-838.05	-10.50	-0.20	27.97	-990.64	-128.11
						127.0	-866.31	-46.64	-0.20	27.97	-985.26	-1902.81

108	79	-51.50	-900.00	-1.30e-03	-53.02	0.0	-461.96	18.02	-1.06	18.45	-900.00	-520.49
		-1332.57	-1034.31	0.02	0.0	63.5	-480.23	-5.35	-1.06	18.45	-967.15	-84.84
						127.0	-503.42	-35.00	-1.06	18.45	-1034.31	-1332.57
108	82	-160.53	-2240.94	3.51e-03	-127.48	0.0	-457.29	35.46	-2.47	43.54	-2240.94	-955.40
		-3779.20	-2554.75	0.04	0.0	63.5	-500.04	-19.21	-2.47	43.54	-2397.85	-343.58
						127.0	-556.97	-92.02	-2.47	43.54	-2554.75	-3779.20
108	83	-164.36	-2226.67	3.79e-03	-127.20	0.0	-410.07	35.15	-2.45	42.98	-2226.67	-948.29
		-3795.46	-2538.39	0.04	0.0	63.5	-452.74	-19.41	-2.45	42.98	-2382.53	-352.56
						127.0	-509.54	-92.05	-2.45	42.98	-2538.39	-3795.46
108	85	-193.89	-2701.00	5.30e-03	-153.36	0.0	-424.96	41.36	-2.95	51.96	-2701.00	-1103.00
		-4646.09	-3076.27	0.05	0.0	63.5	-476.23	-24.19	-2.95	51.96	-2888.63	-439.98
						127.0	-544.89	-112.00	-2.95	51.96	-3076.27	-4646.09
108	86	-51.50	-900.00	-1.30e-03	-53.02	0.0	-461.96	18.02	-1.06	18.45	-900.00	-520.49
		-1332.57	-1034.31	0.02	0.0	63.5	-480.23	-5.35	-1.06	18.45	-967.15	-84.84
						127.0	-503.42	-35.00	-1.06	18.45	-1034.31	-1332.57
108	87	-77.72	-1238.80	-2.16e-04	-71.70	0.0	-472.59	22.46	-1.42	24.86	-1238.80	-630.99
		-1940.16	-1418.51	0.03	0.0	63.5	-497.01	-8.77	-1.42	24.86	-1328.66	-147.28
						127.0	-528.66	-49.24	-1.42	24.86	-1418.51	-1940.16
108	88	-74.74	-1165.33	-3.12e-04	-67.86	0.0	-451.58	21.45	-1.34	23.36	-1165.33	-606.05
		-1825.15	-1335.13	0.02	0.0	63.5	-474.74	-8.16	-1.34	23.36	-1250.23	-138.38
						127.0	-504.64	-46.41	-1.34	23.36	-1335.13	-1825.15
108	90	-90.48	-1368.62	6.30e-04	-79.07	0.0	-457.96	24.11	-1.55	27.20	-1368.62	-672.35
		-2189.70	-1565.65	0.03	0.0	63.5	-484.80	-10.21	-1.55	27.20	-1467.13	-175.85
						127.0	-519.79	-54.95	-1.55	27.20	-1565.65	-2189.70
108	91	-51.50	-900.00	-1.30e-03	-53.02	0.0	-461.96	18.02	-1.06	18.45	-900.00	-520.49
		-1332.57	-1034.31	0.02	0.0	63.5	-480.23	-5.35	-1.06	18.45	-967.15	-84.84
						127.0	-503.42	-35.00	-1.06	18.45	-1034.31	-1332.57
108	92	-67.23	-1103.28	-6.48e-04	-64.23	0.0	-468.34	20.69	-1.27	22.30	-1103.28	-586.79
		-1697.13	-1264.83	0.02	0.0	63.5	-490.30	-7.40	-1.27	22.30	-1184.06	-122.30
						127.0	-518.57	-43.54	-1.27	22.30	-1264.83	-1697.13
109	5	2289.52	0.0	-0.02	-111.44	0.0	-549.10	48.40	-4.65	-80.38	0.0	0.0
		-1841.07	-1046.69	2.33e-03	0.0	112.6	-504.53	-8.60	-4.65	-80.38	-523.35	2217.56
						225.3	-461.96	-63.04	-4.65	-80.38	-1046.69	-1841.07
109	11	1.166e+04	0.0	-0.09	-579.50	0.0	-1304.42	250.09	-22.76	-382.57	0.0	0.0
		-1.015e+04	-5127.48	0.04	0.0	112.6	-1071.54	-47.73	-22.76	-382.57	-2563.74	1.125e+04
						225.3	-851.26	-329.42	-22.76	-382.57	-5127.48	-1.015e+04
109	19	3310.26	0.0	-0.03	-157.52	0.0	-584.90	69.26	-8.27	-123.55	0.0	0.0
		-2434.81	-1863.60	9.99e-03	0.0	112.6	-521.77	-11.46	-8.27	-123.55	-931.80	3218.34
						225.3	-461.72	-88.26	-8.27	-123.55	-1863.60	-2434.81
109	23	3272.59	0.0	-0.03	-157.52	0.0	-606.24	68.88	-7.89	-126.18	0.0	0.0
		-2520.92	-1777.54	0.01	0.0	112.6	-543.12	-11.84	-7.89	-126.18	-888.77	3175.29
						225.3	-483.06	-88.64	-7.89	-126.18	-1777.54	-2520.92
109	39	3388.82	0.0	-0.04	-157.52	0.0	-332.53	70.06	-7.34	-117.77	0.0	0.0
		-2255.26	-1652.99	0.01	0.0	112.6	-269.41	-10.66	-7.34	-117.77	-826.50	3308.12
						225.3	-209.35	-87.46	-7.34	-117.77	-1652.99	-2255.26
109	42	3038.55	0.0	-0.02	-157.52	0.0	-928.71	66.50	-5.52	-103.87	0.0	0.0
		-3055.86	-1242.90	-8.01e-03	0.0	112.6	-865.59	-14.22	-5.52	-103.87	-621.45	2907.81
						225.3	-805.53	-91.02	-5.52	-103.87	-1242.90	-3055.86
109	44	3059.89	0.0	-0.02	-157.52	0.0	-963.08	66.72	-6.44	-111.61	0.0	0.0
		-3007.08	-1450.84	-6.72e-03	0.0	112.6	-899.96	-14.00	-6.44	-111.61	-725.42	2932.20
						225.3	-839.90	-90.80	-6.44	-111.61	-1450.84	-3007.08
109	45	3367.48	0.0	-0.04	-157.52	0.0	-298.16	69.84	-6.41	-110.03	0.0	0.0
		-2304.03	-1445.05	0.01	0.0	112.6	-235.03	-10.88	-6.41	-110.03	-722.53	3283.73
						225.3	-174.98	-87.68	-6.41	-110.03	-1445.05	-2304.03
109	51	3336.26	0.0	-0.04	-157.52	0.0	-572.56	69.52	-8.77	-127.00	0.0	0.0
		-2375.39	-1975.90	0.01	0.0	112.6	-509.43	-11.20	-8.77	-127.00	-987.95	3248.05
						225.3	-449.38	-88.00	-8.77	-127.00	-1975.90	-2375.39
109	55	3288.44	0.0	-0.03	-157.52	0.0	-599.67	69.04	-8.29	-130.33	0.0	0.0
		-2484.70	-1866.78	0.01	0.0	112.6	-536.55	-11.68	-8.29	-130.33	-933.39	3193.40
						225.3	-476.49	-88.48	-8.29	-130.33	-1866.78	-2484.70
109	71	3436.11	0.0	-0.04	-157.52	0.0	-251.97	70.54	-7.58	-119.65	0.0	0.0
		-2147.15	-1708.37	0.02	0.0	112.6	-188.85	-10.18	-7.58	-119.65	-854.18	3362.17
						225.3	-128.79	-86.98	-7.58	-119.65	-1708.37	-2147.15
109	74	2991.25	0.0	-0.02	-157.52	0.0	-1009.27	66.02	-5.27	-101.99	0.0	0.0
		-3163.97	-1187.52	-0.01	0.0	112.6	-946.15	-14.70	-5.27	-101.99	-593.76	2853.76
						225.3	-886.09	-91.50	-5.27	-101.99	-1187.52	-3163.97
109	76	3018.31	0.0	-0.02	-157.52	0.0	-1052.94	66.30	-6.44	-111.82	0.0	0.0
		-3102.13	-1451.70	-8.94e-03	0.0	112.6	-989.82	-14.42	-6.44	-111.82	-725.85	2884.68
						225.3	-929.76	-91.22	-6.44	-111.82	-1451.70	-3102.13
109	77	3409.06	0.0	-0.04	-157.52	0.0	-208.30	70.26	-6.41	-109.82	0.0	0.0
		-2208.99	-1444.19	0.01	0.0	112.6	-145.18	-10.46	-6.41	-109.82	-722.09	3331.25
						225.3	-85.12	-87.26	-6.41	-109.82	-1444.19	-2208.99
109	79	2621.34	0.0	-0.03	-127.98	0.0	-578.48	55.54	-5.28	-91.21	0.0	0.0
		-2133.31	-1190.29	3.54e-03	0.0	112.6	-527.25	-9.98	-5.28	-91.21	-595.14	2537.26
						225.3	-478.40	-72.44	-5.28	-91.21	-1190.29	-2133.31
109	85	7902.68	0.0	-0.06	-392.37	0.0	-927.16	169.37	-15.45	-259.99	0.0	0.0
		-6854.29	-3481.29	0.03	0.0	112.6	-769.51	-32.23	-15.45	-259.99	-1740.65	7621.93

						225.3	-620.33	-223.00	-15.45	-259.99	-3481.29	-6854.29
109	86	2621.34	0.0	-0.03	-127.98	0.0	-578.48	55.54	-5.28	-91.21	0.0	0.0
		-2133.31	-1190.29	3.54e-03	0.0	112.6	-527.25	-9.98	-5.28	-91.21	-595.14	2537.26
						225.3	-478.40	-72.44	-5.28	-91.21	-1190.29	-2133.31
109	90	3993.52	0.0	-0.04	-196.61	0.0	-676.02	85.10	-7.93	-135.42	0.0	0.0
		-3356.04	-1785.90	9.55e-03	0.0	112.6	-597.17	-15.74	-7.93	-135.42	-892.95	3858.57
						225.3	-522.28	-111.51	-7.93	-135.42	-1785.90	-3356.04
109	91	2621.34	0.0	-0.03	-127.98	0.0	-578.48	55.54	-5.28	-91.21	0.0	0.0
		-2133.31	-1190.29	3.54e-03	0.0	112.6	-527.25	-9.98	-5.28	-91.21	-595.14	2537.26
						225.3	-478.40	-72.44	-5.28	-91.21	-1190.29	-2133.31
109	92	3213.68	0.0	-0.03	-157.52	0.0	-630.62	68.28	-6.43	-110.82	0.0	0.0
		-2655.56	-1447.94	5.77e-03	0.0	112.6	-567.50	-12.44	-6.43	-110.82	-723.97	3107.97
						225.3	-507.44	-89.24	-6.43	-110.82	-1447.94	-2655.56
110	3	2568.12	-2.45	-0.08	-98.18	0.0	146.39	49.02	0.04	-1.53	-26.78	-4222.63
		-4263.85	-26.78	-6.21e-04	0.0	277.5	146.39	-0.07	0.04	-1.53	-14.62	2568.12
						555.0	146.39	-49.17	0.04	-1.53	-2.45	-4263.85
110	4	2568.16	-6.76	-0.08	-98.18	0.0	175.59	49.03	0.04	-1.67	-28.91	-4226.51
		-4259.88	-28.91	-7.15e-04	0.0	277.5	175.59	-0.06	0.04	-1.67	-17.83	2568.16
						555.0	175.59	-49.15	0.04	-1.67	-6.76	-4259.88
110	5	1985.10	-2.41	-0.06	-75.52	0.0	68.61	37.75	0.02	-0.93	-12.10	-3252.16
		-3256.64	-12.10	-1.28e-03	0.0	277.5	68.61	-8.07e-03	0.02	-0.93	-7.26	1985.10
						555.0	68.61	-37.77	0.02	-0.93	-2.41	-3256.64
110	7	1974.83	-1.72	-0.06	-75.52	0.0	114.44	37.70	0.03	-1.19	-21.13	-3247.82
		-3282.04	-21.13	-4.10e-04	0.0	277.5	114.44	-0.06	0.03	-1.19	-11.42	1974.83
						555.0	114.44	-37.82	0.03	-1.19	-1.72	-3282.04
110	9	2578.47	-11.76	-0.08	-98.18	0.0	158.97	49.10	0.02	-1.55	-22.00	-4235.24
		-4235.24	-22.00	-1.68e-03	0.0	277.5	158.97	8.48e-03	0.02	-1.55	-16.88	2578.47
						555.0	158.97	-49.08	0.02	-1.55	-11.76	-4230.53
110	11	2571.28	-11.27	-0.08	-98.18	0.0	191.05	49.06	0.03	-1.73	-28.32	-4231.84
		-4248.31	-28.32	-1.07e-03	0.0	277.5	191.05	-0.03	0.03	-1.73	-19.80	2571.28
						555.0	191.05	-49.12	0.03	-1.73	-11.27	-4248.31
110	16	2009.95	19.12	-0.06	-75.52	0.0	122.54	36.84	0.11	-0.02	-41.26	-2968.29
		-3490.83	-41.26	-0.01	0.0	277.5	122.54	-0.92	0.11	-0.02	-11.07	2009.95
						555.0	122.54	-38.68	0.11	-0.02	19.12	-3490.83
110	17	1954.20	11.68	-0.06	-75.52	0.0	42.90	38.64	-0.06	-1.99	11.68	-3533.81
		-3533.81	-23.68	0.01	0.0	277.5	42.90	0.88	-0.06	-1.99	-6.00	1954.20
						555.0	42.90	-36.89	-0.06	-1.99	-23.68	-3036.80
110	32	1999.76	39.46	-0.05	-75.52	0.0	97.10	36.07	0.18	7.83	-61.64	-2767.36
		-3712.12	-61.64	-0.02	0.0	277.5	97.10	-1.69	0.18	7.83	-11.09	1999.76
						555.0	97.10	-39.46	0.18	7.83	39.46	-3712.12
110	41	1972.58	22.26	-0.07	-75.52	0.0	69.67	39.52	-0.10	-9.87	22.26	-3757.59
		-3757.59	-34.56	0.03	0.0	277.5	69.67	1.76	-0.10	-9.87	-6.15	1972.58
						555.0	69.67	-36.00	-0.10	-9.87	-34.56	-2776.25
110	48	2016.55	24.90	-0.05	-75.52	0.0	133.29	36.60	0.13	0.25	-48.36	-2893.71
		-3552.19	-48.36	-0.02	0.0	277.5	133.29	-1.16	0.13	0.25	-11.73	2016.55
						555.0	133.29	-38.92	0.13	0.25	24.90	-3552.19
110	49	1947.59	18.78	-0.06	-75.52	0.0	32.14	38.88	-0.09	-2.26	18.78	-3608.39
		-3608.39	-29.45	0.01	0.0	277.5	32.14	1.12	-0.09	-2.26	-5.33	1947.59
						555.0	32.14	-36.65	-0.09	-2.26	-29.45	-2975.44
110	64	2004.06	50.76	-0.04	-75.52	0.0	100.99	35.62	0.22	10.22	-74.30	-2636.62
		-3834.28	-74.30	-0.03	0.0	277.5	100.99	-2.15	0.22	10.22	-11.77	2004.06
						555.0	100.99	-39.91	0.22	10.22	50.76	-3834.28
110	73	1970.31	32.26	-0.08	-75.52	0.0	66.14	40.01	-0.14	-12.26	32.26	-3894.75
		-3894.75	-43.29	0.04	0.0	277.5	66.14	2.25	-0.14	-12.26	-5.52	1970.31
						555.0	66.14	-35.52	-0.14	-12.26	-43.29	-2643.64
110	79	1984.13	-2.42	-0.06	-75.52	0.0	73.55	37.75	0.02	-0.95	-12.98	-3252.02
		-3258.74	-12.98	-1.20e-03	0.0	277.5	73.55	-0.01	0.02	-0.95	-7.70	1984.13
						555.0	73.55	-37.77	0.02	-0.95	-2.42	-3258.74
110	81	1977.28	-1.95	-0.06	-75.52	0.0	104.10	37.71	0.03	-1.13	-19.00	-3248.79
		-3275.67	-19.00	-6.24e-04	0.0	277.5	104.10	-0.05	0.03	-1.13	-10.48	1977.28
						555.0	104.10	-37.81	0.03	-1.13	-1.95	-3275.67
110	82	1977.31	-4.82	-0.06	-75.52	0.0	123.57	37.72	0.03	-1.22	-20.42	-3251.37
		-3273.02	-20.42	-6.87e-04	0.0	277.5	123.57	-0.04	0.03	-1.22	-12.62	1977.31
						555.0	123.57	-37.80	0.03	-1.22	-4.82	-3273.02
110	83	1984.18	-8.16	-0.06	-75.52	0.0	112.49	37.77	0.01	-1.14	-15.81	-3257.19
		-3257.19	-15.81	-1.33e-03	0.0	277.5	112.49	6.73e-03	0.01	-1.14	-11.98	1984.18
						555.0	112.49	-37.76	0.01	-1.14	-8.16	-3253.46
110	85	1979.39	-7.83	-0.06	-75.52	0.0	133.88	37.74	0.02	-1.26	-20.03	-3254.93
		-3265.31	-20.03	-9.24e-04	0.0	277.5	133.88	-0.02	0.02	-1.26	-13.93	1979.39
						555.0	133.88	-37.78	0.02	-1.26	-7.83	-3265.31
110	86	1984.13	-2.42	-0.06	-75.52	0.0	73.55	37.75	0.02	-0.95	-12.98	-3252.02
		-3258.74	-12.98	-1.20e-03	0.0	277.5	73.55	-0.01	0.02	-0.95	-7.70	1984.13
						555.0	73.55	-37.77	0.02	-0.95	-2.42	-3258.74
110	87	1980.70	-2.18	-0.06	-75.52	0.0	88.83	37.73	0.02	-1.04	-15.99	-3250.40
		-3267.20	-15.99	-9.14e-04	0.0	277.5	88.83	-0.03	0.02	-1.04	-9.09	1980.70
						555.0	88.83	-37.79	0.02	-1.04	-2.18	-3267.20
110	88	1984.14	-3.56	-0.06	-75.52	0.0	81.34	37.75	0.02	-0.99	-13.55	-3253.05

		-3257.68	-13.55	-1.23e-03	0.0	277.5	81.34	-8.34e-03	0.02	-0.99	-8.56	1984.14
						555.0	81.34	-37.77	0.02	-0.99	-3.56	-3257.68
110	90	1982.08	-3.43	-0.06	-75.52	0.0	90.51	37.74	0.02	-1.04	-15.35	-3252.08
		-3262.76	-15.35	-1.05e-03	0.0	277.5	90.51	-0.02	0.02	-1.04	-9.39	1982.08
						555.0	90.51	-37.78	0.02	-1.04	-3.43	-3262.76
110	91	1984.13	-2.42	-0.06	-75.52	0.0	73.55	37.75	0.02	-0.95	-12.98	-3252.02
		-3258.74	-12.98	-1.20e-03	0.0	277.5	73.55	-0.01	0.02	-0.95	-7.70	1984.13
						555.0	73.55	-37.77	0.02	-0.95	-2.42	-3258.74
110	92	1982.07	-2.28	-0.06	-75.52	0.0	82.72	37.74	0.02	-1.01	-14.79	-3251.05
		-3263.81	-14.79	-1.03e-03	0.0	277.5	82.72	-0.02	0.02	-1.01	-8.53	1982.07
						555.0	82.72	-37.79	0.02	-1.01	-2.28	-3263.81
111	1	0.0	90.73	0.02	-18.01	0.0	347.13	-2.80	0.89	-37.82	0.0	0.0
		-1202.20	0.0	2.55e-03	0.0	50.9	347.13	-11.80	0.89	-37.82	45.37	-371.79
						101.8	347.13	-20.81	0.89	-37.82	90.73	-1202.20
111	11	2.71	270.03	9.10e-03	-18.01	0.0	-630.33	0.99	2.65	-134.44	0.0	0.0
		-816.49	0.0	3.36e-03	0.0	50.9	-630.33	-8.02	2.65	-134.44	135.02	-178.93
						101.8	-630.33	-17.02	2.65	-134.44	270.03	-816.49
111	14	9.91	239.07	5.63e-03	-13.86	0.0	-658.94	1.65	2.35	-118.54	0.0	0.0
		-538.08	0.0	2.67e-03	0.0	50.9	-658.94	-5.28	2.35	-118.54	119.54	-92.64
						101.8	-658.94	-12.21	2.35	-118.54	239.07	-538.08
111	18	0.0	328.17	0.01	-13.86	0.0	139.73	-3.01	3.22	-39.87	0.0	0.0
		-1012.24	0.0	-2.47e-04	0.0	50.9	139.73	-9.94	3.22	-39.87	164.09	-329.72
						101.8	139.73	-16.87	3.22	-39.87	328.17	-1012.24
111	24	0.0	93.27	0.01	-13.86	0.0	350.07	-1.70	0.92	-36.73	0.0	0.0
		-878.24	0.0	-8.72e-05	0.0	50.9	350.07	-8.62	0.92	-36.73	46.64	-262.73
						101.8	350.07	-15.55	0.92	-36.73	93.27	-878.24
111	25	0.0	57.76	0.01	-13.86	0.0	121.20	-2.53	0.57	-29.51	0.0	0.0
		-962.89	0.0	4.11e-03	0.0	50.9	121.20	-9.46	0.57	-29.51	28.88	-305.05
						101.8	121.20	-16.38	0.57	-29.51	57.76	-962.89
111	26	0.0	309.40	0.01	-13.86	0.0	131.39	-2.85	3.04	-39.91	0.0	0.0
		-995.35	0.0	-9.43e-04	0.0	50.9	131.39	-9.77	3.04	-39.91	154.70	-321.28
						101.8	131.39	-16.70	3.04	-39.91	309.40	-995.35
111	39	0.0	0.0	0.01	-13.86	0.0	250.95	-1.47	-3.78	-17.65	0.0	0.0
		-855.71	-384.91	0.01	0.0	50.9	250.95	-8.40	-3.78	-17.65	-192.45	-251.46
						101.8	250.95	-15.33	-3.78	-17.65	-384.91	-855.71
111	42	0.0	535.94	0.01	-13.86	0.0	220.32	-2.75	5.26	-48.59	0.0	0.0
		-985.42	0.0	-7.64e-03	0.0	50.9	220.32	-9.68	5.26	-48.59	267.97	-316.32
						101.8	220.32	-16.61	5.26	-48.59	535.94	-985.42
111	50	0.0	396.44	0.01	-13.86	0.0	113.82	-3.25	3.89	-41.69	0.0	0.0
		-1037.00	0.0	-6.81e-04	0.0	50.9	113.82	-10.18	3.89	-41.69	198.22	-342.11
						101.8	113.82	-17.11	3.89	-41.69	396.44	-1037.00
111	56	0.0	98.08	0.01	-13.86	0.0	381.00	-1.58	0.96	-37.72	0.0	0.0
		-866.78	0.0	-5.98e-04	0.0	50.9	381.00	-8.51	0.96	-37.72	49.04	-257.00
						101.8	381.00	-15.44	0.96	-37.72	98.08	-866.78
111	57	0.0	52.95	0.01	-13.86	0.0	90.27	-2.64	0.52	-28.52	0.0	0.0
		-974.35	0.0	4.67e-03	0.0	50.9	90.27	-9.57	0.52	-28.52	26.47	-310.78
						101.8	90.27	-16.50	0.52	-28.52	52.95	-974.35
111	58	0.0	372.59	0.01	-13.86	0.0	103.21	-3.04	3.66	-41.73	0.0	0.0
		-1015.59	0.0	-1.74e-03	0.0	50.9	103.21	-9.97	3.66	-41.73	186.29	-331.40
						101.8	103.21	-16.90	3.66	-41.73	372.59	-1015.59
111	71	0.0	0.0	0.01	-13.86	0.0	255.08	-1.30	-5.00	-13.47	0.0	0.0
		-838.16	-509.33	0.01	0.0	50.9	255.08	-8.23	-5.00	-13.47	-254.67	-242.69
						101.8	255.08	-15.16	-5.00	-13.47	-509.33	-838.16
111	74	0.0	660.37	0.01	-13.86	0.0	216.19	-2.92	6.48	-52.77	0.0	0.0
		-1002.97	0.0	-0.01	0.0	50.9	216.19	-9.85	6.48	-52.77	330.18	-325.09
						101.8	216.19	-16.78	6.48	-52.77	660.37	-1002.97
111	79	0.0	65.44	0.01	-13.86	0.0	289.41	-2.15	0.64	-25.97	0.0	0.0
		-924.34	0.0	1.92e-03	0.0	50.9	289.41	-9.08	0.64	-25.97	32.72	-285.77
						101.8	289.41	-16.01	0.64	-25.97	65.44	-924.34
111	81	0.0	99.04	0.01	-13.86	0.0	110.16	-2.02	0.97	-49.80	0.0	0.0
		-911.76	0.0	2.32e-03	0.0	50.9	110.16	-8.95	0.97	-49.80	49.52	-279.49
						101.8	110.16	-15.88	0.97	-49.80	99.04	-911.76
111	85	0.0	184.97	7.67e-03	-13.86	0.0	-362.23	0.38	1.82	-90.39	0.0	0.0
		-667.20	0.0	2.46e-03	0.0	50.9	-362.23	-6.55	1.82	-90.39	92.49	-157.21
						101.8	-362.23	-13.48	1.82	-90.39	184.97	-667.20
111	86	0.0	65.44	0.01	-13.86	0.0	289.41	-2.15	0.64	-25.97	0.0	0.0
		-924.34	0.0	1.92e-03	0.0	50.9	289.41	-9.08	0.64	-25.97	32.72	-285.77
						101.8	289.41	-16.01	0.64	-25.97	65.44	-924.34
111	87	0.0	82.24	0.01	-13.86	0.0	199.79	-2.09	0.81	-37.88	0.0	0.0
		-918.05	0.0	2.12e-03	0.0	50.9	199.79	-9.01	0.81	-37.88	41.12	-282.63
						101.8	199.79	-15.94	0.81	-37.88	82.24	-918.05
111	90	0.0	94.72	0.01	-13.86	0.0	130.40	-1.62	0.93	-42.67	0.0	0.0
		-870.90	0.0	2.09e-03	0.0	50.9	130.40	-8.55	0.93	-42.67	47.36	-259.05
						101.8	130.40	-15.48	0.93	-42.67	94.72	-870.90
111	91	0.0	65.44	0.01	-13.86	0.0	289.41	-2.15	0.64	-25.97	0.0	0.0
		-924.34	0.0	1.92e-03	0.0	50.9	289.41	-9.08	0.64	-25.97	32.72	-285.77
						101.8	289.41	-16.01	0.64	-25.97	65.44	-924.34

111	92	0.0	75.52	0.01	-13.86	0.0	235.64	-2.11	0.74	-33.12	0.0	0.0
		-920.57	0.0	2.04e-03	0.0	50.9	235.64	-9.04	0.74	-33.12	37.76	-283.89
						101.8	235.64	-15.97	0.74	-33.12	75.52	-920.57
112	1	0.0	0.0	0.01	-17.69	0.0	351.04	-8.14	-3.45	9.88	0.0	0.0
		-1699.01	-345.21	6.97e-04	0.0	50.0	351.04	-16.99	-3.45	9.88	-172.61	-628.37
						100.0	351.04	-25.84	-3.45	9.88	-345.21	-1699.01
112	3	0.0	0.0	0.01	-17.69	0.0	84.92	-8.67	-4.33	24.24	0.0	0.0
		-1751.10	-432.84	8.40e-04	0.0	50.0	84.92	-17.51	-4.33	24.24	-216.42	-654.42
						100.0	84.92	-26.36	-4.33	24.24	-432.84	-1751.10
112	9	0.0	0.0	0.01	-17.69	0.0	-432.68	-4.56	-5.17	37.93	0.0	0.0
		-1340.99	-516.77	6.91e-04	0.0	50.0	-432.68	-13.41	-5.17	37.93	-258.38	-449.37
						100.0	-432.68	-22.26	-5.17	37.93	-516.77	-1340.99
112	11	0.0	0.0	0.02	-17.69	0.0	-618.97	-4.93	-5.78	47.98	0.0	0.0
		-1377.45	-578.11	7.91e-04	0.0	50.0	-618.97	-13.77	-5.78	47.98	-289.05	-467.60
						100.0	-618.97	-22.62	-5.78	47.98	-578.11	-1377.45
112	14	0.0	0.0	0.01	-13.61	0.0	-649.03	-2.98	-4.80	42.85	0.0	0.0
		-978.05	-480.15	6.02e-04	0.0	50.0	-649.03	-9.78	-4.80	42.85	-240.08	-318.93
						100.0	-649.03	-16.58	-4.80	42.85	-480.15	-978.05
112	21	0.0	0.0	0.01	-13.61	0.0	161.34	-2.33	-4.22	10.20	0.0	0.0
		-913.36	-421.82	3.83e-03	0.0	50.0	161.34	-9.13	-4.22	10.20	-210.91	-286.58
						100.0	161.34	-15.94	-4.22	10.20	-421.82	-913.36
112	24	0.0	0.0	8.62e-03	-13.61	0.0	325.27	-10.35	-0.94	9.33	0.0	0.0
		-1715.89	-93.72	-5.57e-05	0.0	50.0	325.27	-17.16	-0.94	9.33	-46.86	-687.84
						100.0	325.27	-23.96	-0.94	9.33	-93.72	-1715.89
112	25	0.0	0.0	0.01	-13.61	0.0	152.64	-2.32	-4.57	9.13	0.0	0.0
		-912.44	-456.52	1.11e-03	0.0	50.0	152.64	-9.12	-4.57	9.13	-228.26	-286.12
						100.0	152.64	-15.93	-4.57	9.13	-456.52	-912.44
112	28	0.0	0.0	8.62e-03	-13.61	0.0	324.51	-10.39	-0.99	9.91	0.0	0.0
		-1719.11	-98.80	-4.27e-04	0.0	50.0	324.51	-17.19	-0.99	9.91	-49.40	-689.45
						100.0	324.51	-24.00	-0.99	9.91	-98.80	-1719.11
112	36	0.0	41.95	9.43e-03	-13.61	0.0	280.71	-7.85	0.42	16.16	0.0	0.0
		-1465.08	0.0	-3.01e-03	0.0	50.0	280.71	-14.65	0.42	16.16	20.97	-562.44
						100.0	280.71	-21.45	0.42	16.16	41.95	-1465.08
112	37	0.0	0.0	9.64e-03	-13.61	0.0	197.20	-4.83	-5.92	2.30	0.0	0.0
		-1163.24	-592.19	4.04e-03	0.0	50.0	197.20	-11.63	-5.92	2.30	-296.10	-411.52
						100.0	197.20	-18.44	-5.92	2.30	-592.19	-1163.24
112	53	0.0	0.0	0.01	-13.61	0.0	140.41	-1.25	-4.61	10.47	0.0	0.0
		-805.08	-461.46	4.72e-03	0.0	50.0	140.41	-8.05	-4.61	10.47	-230.73	-232.44
						100.0	140.41	-14.85	-4.61	10.47	-461.46	-805.08
112	56	0.0	0.0	8.37e-03	-13.61	0.0	348.55	-11.44	-0.45	9.38	0.0	0.0
		-1824.41	-44.70	-2.10e-04	0.0	50.0	348.55	-18.24	-0.45	9.38	-22.35	-742.10
						100.0	348.55	-25.05	-0.45	9.38	-44.70	-1824.41
112	57	0.0	0.0	0.01	-13.61	0.0	129.36	-1.24	-5.06	9.08	0.0	0.0
		-803.91	-505.54	1.27e-03	0.0	50.0	129.36	-8.04	-5.06	9.08	-252.77	-231.86
						100.0	129.36	-14.84	-5.06	9.08	-505.54	-803.91
112	60	0.0	0.0	8.37e-03	-13.61	0.0	347.59	-11.48	-0.51	10.11	0.0	0.0
		-1828.50	-51.16	-6.82e-04	0.0	50.0	347.59	-18.28	-0.51	10.11	-25.58	-744.15
						100.0	347.59	-25.09	-0.51	10.11	-51.16	-1828.50
112	68	0.0	127.63	9.41e-03	-13.61	0.0	291.98	-8.25	1.28	18.03	0.0	0.0
		-1505.86	0.0	-3.96e-03	0.0	50.0	291.98	-15.06	1.28	18.03	63.82	-582.83
						100.0	291.98	-21.86	1.28	18.03	127.63	-1505.86
112	69	0.0	0.0	9.67e-03	-13.61	0.0	185.93	-4.42	-6.78	0.43	0.0	0.0
		-1122.47	-677.87	5.00e-03	0.0	50.0	185.93	-11.22	-6.78	0.43	-338.94	-391.13
						100.0	185.93	-18.03	-6.78	0.43	-677.87	-1122.47
112	79	0.0	0.0	9.04e-03	-13.61	0.0	292.18	-6.23	-2.58	6.36	0.0	0.0
		-1303.74	-257.59	5.23e-04	0.0	50.0	292.18	-13.04	-2.58	6.36	-128.80	-481.77
						100.0	292.18	-19.84	-2.58	6.36	-257.59	-1303.74
112	81	0.0	0.0	0.01	-13.61	0.0	114.77	-6.58	-3.16	15.93	0.0	0.0
		-1338.47	-316.02	6.18e-04	0.0	50.0	114.77	-13.38	-3.16	15.93	-158.01	-499.14
						100.0	114.77	-20.19	-3.16	15.93	-316.02	-1338.47
112	83	0.0	0.0	0.01	-13.61	0.0	-230.30	-3.85	-3.72	25.06	0.0	0.0
		-1065.07	-371.96	5.18e-04	0.0	50.0	-230.30	-10.65	-3.72	25.06	-185.98	-362.43
						100.0	-230.30	-17.45	-3.72	25.06	-371.96	-1065.07
112	85	0.0	0.0	0.01	-13.61	0.0	-354.49	-4.09	-4.13	31.76	0.0	0.0
		-1089.38	-412.86	5.84e-04	0.0	50.0	-354.49	-10.89	-4.13	31.76	-206.43	-374.59
						100.0	-354.49	-17.70	-4.13	31.76	-412.86	-1089.38
112	86	0.0	0.0	9.04e-03	-13.61	0.0	292.18	-6.23	-2.58	6.36	0.0	0.0
		-1303.74	-257.59	5.23e-04	0.0	50.0	292.18	-13.04	-2.58	6.36	-128.80	-481.77
						100.0	292.18	-19.84	-2.58	6.36	-257.59	-1303.74
112	87	0.0	0.0	9.87e-03	-13.61	0.0	203.47	-6.41	-2.87	11.14	0.0	0.0
		-1321.11	-286.81	5.70e-04	0.0	50.0	203.47	-13.21	-2.87	11.14	-143.40	-490.45
						100.0	203.47	-20.02	-2.87	11.14	-286.81	-1321.11
112	88	0.0	0.0	9.41e-03	-13.61	0.0	187.68	-5.76	-2.80	10.10	0.0	0.0
		-1256.01	-280.47	5.20e-04	0.0	50.0	187.68	-12.56	-2.80	10.10	-140.23	-457.90
						100.0	187.68	-19.36	-2.80	10.10	-280.47	-1256.01
112	90	0.0	0.0	9.90e-03	-13.61	0.0	134.46	-5.86	-2.98	12.97	0.0	0.0
		-1266.43	-298.00	5.49e-04	0.0	50.0	134.46	-12.66	-2.98	12.97	-149.00	-463.11

112	91	0.0	0.0	9.04e-03	-13.61	100.0	134.46	-19.47	-2.98	12.97	-298.00	-1266.43
		-1303.74	-257.59	5.23e-04	0.0	0.0	292.18	-6.23	-2.58	6.36	0.0	0.0
112	92	0.0	0.0	9.54e-03	-13.61	50.0	292.18	-13.04	-2.58	6.36	-128.80	-481.77
		-1314.16	-275.12	5.51e-04	0.0	100.0	292.18	-19.84	-2.58	6.36	-257.59	-1303.74
113	5	195.17	0.0	7.31e-03	-25.80	0.0	238.96	-6.34	-2.75	9.23	0.0	0.0
		-499.17	-120.29	9.27e-03	0.0	50.0	238.96	-13.14	-2.75	9.23	-137.56	-486.98
113	7	401.43	0.0	-6.30e-04	-45.29	100.0	238.96	-19.95	-2.75	9.23	-275.12	-1314.16
		-743.60	-195.10	0.01	0.0	0.0	450.57	10.66	-1.00	92.75	0.0	0.0
113	11	793.81	0.0	-0.01	-90.87	60.0	459.31	-5.12	-1.00	92.75	-60.14	137.44
		-1580.93	-280.29	0.02	0.0	120.0	464.87	-15.14	-1.00	92.75	-120.29	-499.17
113	38	293.68	0.0	-4.16e-03	-31.88	0.0	687.18	21.62	-1.63	143.51	0.0	0.0
		-467.45	-56.40	6.94e-03	0.0	60.0	704.02	-8.78	-1.63	143.51	-97.55	307.57
113	43	219.34	0.0	0.01	-31.88	120.0	712.28	-23.67	-1.63	143.51	-195.10	-743.60
		-704.01	-237.99	0.02	0.0	0.0	1335.44	44.31	-2.34	185.95	0.0	0.0
113	46	298.76	0.0	-4.42e-03	-31.88	60.0	1370.63	-19.20	-2.34	185.95	-140.14	572.57
		-453.90	-49.40	5.69e-03	0.0	120.0	1385.79	-46.56	-2.34	185.95	-280.29	-1580.93
113	70	304.98	0.0	-6.67e-03	-31.88	0.0	200.13	14.98	-0.47	35.53	0.0	0.0
		-437.32	-32.80	6.00e-03	0.0	60.0	211.40	-5.36	-0.47	35.53	-28.20	244.52
113	75	208.78	0.0	0.02	-31.88	120.0	217.79	-16.90	-0.47	35.53	-56.40	-467.45
		-737.81	-263.49	0.02	0.0	0.0	863.34	13.01	-1.98	181.59	0.0	0.0
113	78	311.44	0.0	-7.00e-03	-31.88	60.0	874.61	-7.33	-1.98	181.59	-118.99	126.24
		-420.09	-23.90	4.41e-03	0.0	120.0	881.00	-18.87	-1.98	181.59	-237.99	-704.01
113	79	217.17	0.0	6.54e-03	-27.98	0.0	189.24	15.09	-0.41	34.65	0.0	0.0
		-530.07	-128.73	9.68e-03	0.0	60.0	200.51	-5.25	-0.41	34.65	-24.70	251.29
113	81	354.68	0.0	1.89e-03	-40.98	120.0	206.91	-16.79	-0.41	34.65	-49.40	-453.90
		-693.02	-178.61	0.01	0.0	0.0	111.98	15.23	-0.27	15.91	0.0	0.0
113	85	543.50	0.0	-7.06e-03	-62.86	60.0	123.25	-5.11	-0.27	15.91	-16.40	259.58
		-1104.03	-198.39	0.01	0.0	120.0	129.65	-16.65	-0.27	15.91	-32.80	-437.32
113	86	217.17	0.0	6.54e-03	-27.98	0.0	954.42	12.73	-2.20	201.45	0.0	0.0
		-530.07	-128.73	9.68e-03	0.0	60.0	965.70	-7.62	-2.20	201.45	-131.74	109.33
113	87	285.92	0.0	4.22e-03	-34.48	120.0	972.09	-19.16	-2.20	201.45	-263.49	-737.81
		-611.54	-153.67	0.01	0.0	0.0	98.15	15.37	-0.20	14.79	0.0	0.0
113	90	304.44	0.0	3.08e-03	-37.04	60.0	109.42	-4.97	-0.20	14.79	-11.95	268.19
		-670.93	-150.64	0.01	0.0	120.0	115.82	-16.51	-0.20	14.79	-23.90	-420.09
113	91	217.17	0.0	6.54e-03	-27.98	0.0	478.97	11.86	-1.07	97.97	0.0	0.0
		-530.07	-128.73	9.68e-03	0.0	60.0	488.62	-5.56	-1.07	97.97	-64.37	154.74
113	92	258.42	0.0	5.15e-03	-31.88	120.0	494.47	-16.13	-1.07	97.97	-128.73	-530.07
		-578.95	-143.70	0.01	0.0	0.0	636.71	19.16	-1.49	131.81	0.0	0.0
114	5	162.15	0.0	-7.78e-04	-30.46	60.0	651.76	-8.00	-1.49	131.81	-89.30	268.16
		-843.41	-228.73	-9.00e-03	0.0	120.0	659.41	-21.82	-1.49	131.81	-178.61	-693.02
114	8	492.84	0.0	-8.66e-03	-84.97	0.0	935.22	30.32	-1.65	133.55	0.0	0.0
		-2382.56	-443.18	-0.01	0.0	60.0	959.37	-13.25	-1.65	133.55	-99.20	390.81
114	11	699.85	0.0	-0.01	-120.09	120.0	970.05	-32.53	-1.65	133.55	-198.39	-1104.03
		-3366.17	-582.80	-0.01	0.0	0.0	478.97	11.86	-1.07	97.97	0.0	0.0
114	31	295.34	0.0	-0.02	-39.00	60.0	488.62	-5.56	-1.07	97.97	-64.37	154.74
		-791.06	-185.18	-2.08e-03	0.0	120.0	494.47	-16.13	-1.07	97.97	-128.73	-530.07
114	34	144.58	0.0	0.01	-39.00	0.0	526.29	14.05	-1.20	108.12	0.0	0.0
		-1381.13	-356.32	-0.02	0.0	60.0	537.56	-6.29	-1.20	108.12	-71.85	188.76
114	36	148.16	0.0	0.01	-39.00	120.0	543.95	-17.83	-1.20	108.12	-143.70	-578.95
		-1362.01	-383.63	-0.02	0.0	0.0	237.82	10.90	-1.91	-2.63	0.0	0.0
114	44	148.31	0.0	8.60e-03	-39.00	60.0	248.50	-8.38	-1.91	-2.63	-114.37	35.19
						120.0	254.70	-19.56	-1.91	-2.63	-228.73	-843.41
						0.0	629.37	34.41	-3.69	-2.55	0.0	0.0
						60.0	662.70	-25.75	-3.69	-2.55	-221.59	83.30
						120.0	676.45	-50.56	-3.69	-2.55	-443.18	-2382.56
						0.0	898.02	48.92	-4.86	0.33	0.0	0.0
						60.0	945.35	-36.51	-4.86	0.33	-291.40	118.30
						120.0	964.56	-71.18	-4.86	0.33	-582.80	-3366.17
						0.0	11.50	17.03	-1.54	-0.55	0.0	0.0
						60.0	25.73	-8.65	-1.54	-0.55	-92.59	189.45
						120.0	33.11	-21.97	-1.54	-0.55	-185.18	-791.06
						0.0	582.97	12.11	-2.97	-6.44	0.0	0.0
						60.0	597.20	-13.57	-2.97	-6.44	-178.16	-105.58
						120.0	604.58	-26.89	-2.97	-6.44	-356.32	-1381.13
						0.0	607.98	12.27	-3.20	-9.01	0.0	0.0
						60.0	622.21	-13.41	-3.20	-9.01	-191.81	-96.02
						120.0	629.59	-26.73	-3.20	-9.01	-383.63	-1362.01
						0.0	617.56	12.28	-3.22	-8.94	0.0	0.0

		-1361.22	-386.89	-0.01	0.0	60.0	631.79	-13.40	-3.22	-8.94	-193.44	-95.63
						120.0	639.17	-26.72	-3.22	-8.94	-386.89	-1361.22
114	45	289.11	0.0	-0.01	-39.00	0.0	-23.09	16.86	-1.29	1.95	0.0	0.0
		-810.98	-154.62	-7.13e-03	0.0	60.0	-8.86	-8.82	-1.29	1.95	-77.31	179.49
						120.0	-1.48	-22.14	-1.29	1.95	-154.62	-810.98
114	63	320.26	0.0	-0.02	-39.00	0.0	-65.71	17.69	-1.35	0.24	0.0	0.0
		-711.32	-162.06	1.10e-04	0.0	60.0	-51.48	-7.99	-1.35	0.24	-81.03	229.32
						120.0	-44.10	-21.31	-1.35	0.24	-162.06	-711.32
114	66	129.62	0.0	0.02	-39.00	0.0	660.18	11.44	-3.16	-7.24	0.0	0.0
		-1460.88	-379.45	-0.02	0.0	60.0	674.41	-14.23	-3.16	-7.24	-189.72	-145.46
						120.0	681.79	-27.55	-3.16	-7.24	-379.45	-1460.88
114	68	134.18	0.0	0.02	-39.00	0.0	691.97	11.65	-3.45	-10.50	0.0	0.0
		-1436.56	-414.13	-0.02	0.0	60.0	706.19	-14.03	-3.45	-10.50	-207.07	-133.30
						120.0	713.58	-27.35	-3.45	-10.50	-414.13	-1436.56
114	76	134.37	0.0	0.01	-39.00	0.0	704.15	11.66	-3.49	-10.41	0.0	0.0
		-1435.56	-418.28	-0.01	0.0	60.0	718.38	-14.02	-3.49	-10.41	-209.14	-132.80
						120.0	725.76	-27.34	-3.49	-10.41	-418.28	-1435.56
114	77	312.34	0.0	-0.01	-39.00	0.0	-109.67	17.48	-1.03	3.42	0.0	0.0
		-736.64	-123.23	-6.50e-03	0.0	60.0	-95.44	-8.20	-1.03	3.42	-61.61	216.66
						120.0	-88.06	-21.52	-1.03	3.42	-123.23	-736.64
114	79	180.54	0.0	-1.16e-03	-33.52	0.0	259.63	12.21	-2.03	-2.86	0.0	0.0
		-930.79	-243.47	-9.17e-03	0.0	60.0	271.59	-9.36	-2.03	-2.86	-121.73	37.48
						120.0	278.21	-21.31	-2.03	-2.86	-243.47	-930.79
114	82	401.00	0.0	-6.41e-03	-69.87	0.0	520.67	27.89	-3.22	-2.81	0.0	0.0
		-1956.89	-386.43	-0.01	0.0	60.0	547.72	-20.94	-3.22	-2.81	-193.22	69.56
						120.0	559.38	-41.98	-3.22	-2.81	-386.43	-1956.89
114	85	478.38	0.0	-8.88e-03	-82.49	0.0	618.75	33.36	-3.43	-2.10e-03	0.0	0.0
		-2309.97	-411.17	-9.55e-03	0.0	60.0	651.06	-24.93	-3.43	-2.10e-03	-205.59	82.33
						120.0	664.46	-49.13	-3.43	-2.10e-03	-411.17	-2309.97
114	86	180.54	0.0	-1.16e-03	-33.52	0.0	259.63	12.21	-2.03	-2.86	0.0	0.0
		-930.79	-243.47	-9.17e-03	0.0	60.0	271.59	-9.36	-2.03	-2.86	-121.73	37.48
						120.0	278.21	-21.31	-2.03	-2.86	-243.47	-930.79
114	87	235.57	0.0	-2.22e-03	-42.65	0.0	322.31	16.14	-2.41	-3.92	0.0	0.0
		-1189.64	-288.94	-9.70e-03	0.0	60.0	338.05	-12.28	-2.41	-3.92	-144.47	44.90
						120.0	345.94	-26.51	-2.41	-3.92	-288.94	-1189.64
114	90	257.71	0.0	-3.04e-03	-46.24	0.0	351.51	17.70	-2.43	-2.63	0.0	0.0
		-1289.46	-291.56	-9.41e-03	0.0	60.0	368.75	-13.41	-2.43	-2.63	-145.78	48.83
						120.0	377.13	-28.54	-2.43	-2.63	-291.56	-1289.46
114	91	180.54	0.0	-1.16e-03	-33.52	0.0	259.63	12.21	-2.03	-2.86	0.0	0.0
		-930.79	-243.47	-9.17e-03	0.0	60.0	271.59	-9.36	-2.03	-2.86	-121.73	37.48
						120.0	278.21	-21.31	-2.03	-2.86	-243.47	-930.79
114	92	213.55	0.0	-1.80e-03	-39.00	0.0	297.24	14.57	-2.26	-3.50	0.0	0.0
		-1086.10	-270.75	-9.48e-03	0.0	60.0	311.47	-11.11	-2.26	-3.50	-135.38	41.93
						120.0	318.85	-24.43	-2.26	-3.50	-270.75	-1086.10
118	5	627.49	47.45	9.64e-04	-13.61	0.0	-112.85	-9.92	5.21	73.42	-594.39	627.49
		-1431.97	-594.39	-0.03	0.0	61.6	-107.97	-16.73	5.21	73.42	-273.47	-192.72
						123.1	-103.09	-23.53	5.21	73.42	47.45	-1431.97
118	11	2466.17	221.81	0.01	-17.70	0.0	-539.93	-63.15	25.77	368.13	-2950.66	2466.17
		-6398.54	-2950.66	-0.10	0.0	61.6	-533.58	-72.00	25.77	368.13	-1364.42	-1693.81
						123.1	-527.23	-80.85	25.77	368.13	221.81	-6398.54
118	20	849.51	83.91	3.60e-03	-13.61	0.0	-153.99	-15.48	6.98	111.25	-775.76	849.51
		-1895.14	-775.76	-0.04	0.0	61.6	-149.11	-22.28	6.98	111.25	-345.93	-313.30
						123.1	-144.22	-29.09	6.98	111.25	83.91	-1895.14
118	26	732.43	56.44	2.82e-03	-13.61	0.0	-154.91	-14.09	7.68	96.00	-888.90	732.43
		-1834.84	-888.90	-0.03	0.0	61.6	-150.03	-20.89	7.68	96.00	-416.23	-341.68
						123.1	-145.15	-27.70	7.68	96.00	56.44	-1834.84
118	28	846.94	79.19	3.17e-03	-13.61	0.0	-153.96	-15.22	6.93	113.80	-773.73	846.94
		-1868.84	-773.73	-0.04	0.0	61.6	-149.08	-22.03	6.93	113.80	-347.27	-301.43
						123.1	-144.20	-28.84	6.93	113.80	79.19	-1868.84
118	29	782.00	51.25	1.57e-03	-13.61	0.0	-154.99	-15.53	7.56	91.20	-879.11	782.00
		-1964.37	-879.11	-0.03	0.0	61.6	-150.11	-22.33	7.56	91.20	-413.93	-381.66
						123.1	-145.22	-29.14	7.56	91.20	51.25	-1964.37
118	39	918.36	61.20	7.76e-04	-13.61	0.0	-154.49	-18.22	6.94	96.10	-793.47	918.36
		-2167.29	-793.47	-0.03	0.0	61.6	-149.61	-25.02	6.94	96.10	-366.14	-414.94
						123.1	-144.73	-31.83	6.94	96.10	61.20	-2167.29
118	52	858.96	88.96	3.97e-03	-13.61	0.0	-153.86	-15.50	6.91	113.61	-762.07	858.96
		-1889.22	-762.07	-0.04	0.0	61.6	-148.98	-22.31	6.91	113.61	-336.56	-305.61
						123.1	-144.10	-29.12	6.91	113.61	88.96	-1889.22
118	58	710.27	54.06	2.96e-03	-13.61	0.0	-155.03	-13.74	7.80	94.23	-905.82	710.27
		-1812.84	-905.82	-0.03	0.0	61.6	-150.14	-20.55	7.80	94.23	-425.88	-341.76
						123.1	-145.26	-27.35	7.80	94.23	54.06	-1812.84
118	60	855.71	82.97	3.41e-03	-13.61	0.0	-153.83	-15.18	6.84	116.87	-759.46	855.71
		-1855.84	-759.46	-0.04	0.0	61.6	-148.95	-21.99	6.84	116.87	-338.24	-290.54
						123.1	-144.06	-28.80	6.84	116.87	82.97	-1855.84
118	61	773.23	47.47	1.37e-03	-13.61	0.0	-155.12	-15.57	7.64	88.13	-893.38	773.23
		-1977.37	-893.38	-0.03	0.0	61.6	-150.24	-22.37	7.64	88.13	-422.95	-392.55
						123.1	-145.36	-29.18	7.64	88.13	47.47	-1977.37

118	71	946.43	60.11	-9.46e-04	-13.61	0.0	-154.50	-18.98	6.86	94.37	-784.57	946.43
		-2234.99	-784.57	-0.03	0.0	61.6	-149.62	-25.79	6.86	94.37	-362.23	-434.76
						123.1	-144.73	-32.60	6.86	94.37	60.11	-2234.99
118	79	694.99	53.75	1.46e-03	-13.61	0.0	-127.80	-11.88	5.94	83.83	-677.46	694.99
		-1606.21	-677.46	-0.03	0.0	61.6	-122.91	-18.69	5.94	83.83	-311.86	-246.09
						123.1	-118.03	-25.50	5.94	83.83	53.75	-1606.21
118	85	1691.78	150.84	9.63e-03	-13.61	0.0	-367.03	-42.38	17.49	249.65	-2002.05	1691.78
		-4363.69	-2002.05	-0.07	0.0	61.6	-362.15	-49.18	17.49	249.65	-925.61	-1126.43
						123.1	-357.26	-55.99	17.49	249.65	150.84	-4363.69
118	86	694.99	53.75	1.46e-03	-13.61	0.0	-127.80	-11.88	5.94	83.83	-677.46	694.99
		-1606.21	-677.46	-0.03	0.0	61.6	-122.91	-18.69	5.94	83.83	-311.86	-246.09
						123.1	-118.03	-25.50	5.94	83.83	53.75	-1606.21
118	90	958.07	79.29	3.54e-03	-13.61	0.0	-189.87	-19.84	8.94	126.95	-1021.82	958.07
		-2323.25	-1021.82	-0.04	0.0	61.6	-184.99	-26.65	8.94	126.95	-471.27	-473.07
						123.1	-180.11	-33.46	8.94	126.95	79.29	-2323.25
118	91	694.99	53.75	1.46e-03	-13.61	0.0	-127.80	-11.88	5.94	83.83	-677.46	694.99
		-1606.21	-677.46	-0.03	0.0	61.6	-122.91	-18.69	5.94	83.83	-311.86	-246.09
						123.1	-118.03	-25.50	5.94	83.83	53.75	-1606.21
118	92	814.47	65.22	2.33e-03	-13.61	0.0	-154.48	-15.38	7.24	102.50	-826.42	814.47
		-1916.60	-826.42	-0.03	0.0	61.6	-149.59	-22.18	7.24	102.50	-380.60	-341.54
						123.1	-144.71	-28.99	7.24	102.50	65.22	-1916.60
119	4	1675.82	13.93	-0.01	-17.70	0.0	-446.87	-33.54	-0.10	-2.29	13.93	1675.82
		-3543.54	1.82	-0.01	0.0	61.6	-440.53	-42.39	-0.10	-2.29	7.87	-661.48
						123.1	-434.18	-51.24	-0.10	-2.29	1.82	-3543.54
119	5	322.04	5.79	-4.59e-03	-13.61	0.0	-113.57	-3.47	-0.06	-1.03	5.79	322.04
		-943.72	-1.55	-6.79e-03	0.0	61.6	-108.68	-10.28	-0.06	-1.03	2.12	-101.32
						123.1	-103.80	-17.09	-0.06	-1.03	-1.55	-943.72
119	11	2064.45	12.79	-0.02	-17.70	0.0	-538.98	-42.50	-0.10	-2.15	12.79	2064.45
		-4257.39	0.40	-0.01	0.0	61.6	-532.63	-51.35	-0.10	-2.15	6.59	-824.09
						123.1	-526.28	-60.20	-0.10	-2.15	0.40	-4257.39
119	12	1433.86	6.50	-0.01	-13.61	0.0	-377.56	-29.11	-0.07	-1.18	6.50	1433.86
		-2988.83	-2.33	-7.29e-03	0.0	61.6	-372.67	-35.92	-0.07	-1.18	2.09	-567.96
						123.1	-367.79	-42.73	-0.07	-1.18	-2.33	-2988.83
119	19	499.14	48.32	-4.53e-03	-13.61	0.0	-154.84	-7.64	2.28	44.78	-249.46	499.14
		-1279.84	-249.46	-0.02	0.0	61.6	-149.95	-14.45	2.28	44.78	-100.57	-180.82
						123.1	-145.07	-21.26	2.28	44.78	48.32	-1279.84
119	22	492.90	263.96	-6.75e-03	-13.61	0.0	-155.28	-7.35	-2.40	-47.27	263.96	492.90
		-1249.77	-49.36	3.10e-03	0.0	61.6	-150.39	-14.15	-2.40	-47.27	107.30	-168.91
						123.1	-145.51	-20.96	-2.40	-47.27	-49.36	-1249.77
119	27	500.00	39.07	-4.99e-03	-13.61	0.0	-154.86	-7.81	2.31	58.31	-262.33	500.00
		-1299.06	-262.33	-0.02	0.0	61.6	-149.97	-14.62	2.31	58.31	-111.63	-190.01
						123.1	-145.09	-21.42	2.31	58.31	39.07	-1299.06
119	30	492.04	276.83	-6.29e-03	-13.61	0.0	-155.26	-7.18	-2.43	-60.80	276.83	492.04
		-1230.54	-40.11	1.06e-03	0.0	61.6	-150.37	-13.99	-2.43	-60.80	118.36	-159.73
						123.1	-145.49	-20.79	-2.43	-60.80	-40.11	-1230.54
119	41	528.53	51.24	-6.58e-03	-13.61	0.0	-155.04	-9.53	-1.07	-23.53	51.24	528.53
		-1483.12	-22.33	2.60e-04	0.0	61.6	-150.15	-16.34	-1.07	-23.53	14.45	-267.78
						123.1	-145.27	-23.15	-1.07	-23.53	-22.33	-1483.12
119	51	499.99	61.23	-4.23e-03	-13.61	0.0	-154.78	-7.68	2.90	57.12	-317.47	499.99
		-1283.91	-317.47	-0.02	0.0	61.6	-149.90	-14.49	2.90	57.12	-128.12	-182.44
						123.1	-145.02	-21.30	2.90	57.12	61.23	-1283.91
119	54	492.05	331.97	-7.04e-03	-13.61	0.0	-155.33	-7.30	-3.02	-59.60	331.97	492.05
		-1245.70	-62.27	5.89e-03	0.0	61.6	-150.45	-14.11	-3.02	-59.60	134.85	-167.30
						123.1	-145.57	-20.92	-3.02	-59.60	-62.27	-1245.70
119	59	501.12	49.58	-4.81e-03	-13.61	0.0	-154.81	-7.90	2.94	74.26	-333.92	501.12
		-1308.68	-333.92	-0.02	0.0	61.6	-149.92	-14.70	2.94	74.26	-142.17	-194.26
						123.1	-145.04	-21.51	2.94	74.26	49.58	-1308.68
119	62	490.92	348.42	-6.46e-03	-13.61	0.0	-155.31	-7.09	-3.06	-76.75	348.42	490.92
		-1220.92	-50.62	3.31e-03	0.0	61.6	-150.42	-13.90	-3.06	-76.75	148.90	-155.48
						123.1	-145.54	-20.71	-3.06	-76.75	-50.62	-1220.92
119	73	537.31	63.24	-6.83e-03	-13.61	0.0	-155.03	-10.08	-1.33	-29.42	63.24	537.31
		-1542.12	-28.09	2.34e-03	0.0	61.6	-150.15	-16.89	-1.33	-29.42	17.57	-292.88
						123.1	-145.26	-23.70	-1.33	-29.42	-28.09	-1542.12
119	79	384.50	6.26	-4.96e-03	-13.61	0.0	-128.46	-4.92	-0.06	-1.10	6.26	384.50
		-1059.00	-1.21	-6.97e-03	0.0	61.6	-123.58	-11.72	-0.06	-1.10	2.52	-127.73
						123.1	-118.69	-18.53	-0.06	-1.10	-1.21	-1059.00
119	82	1126.84	9.81	-9.18e-03	-13.61	0.0	-305.11	-22.06	-0.07	-1.63	9.81	1126.84
		-2426.71	0.82	-8.42e-03	0.0	61.6	-300.23	-28.86	-0.07	-1.63	5.32	-440.41
						123.1	-295.35	-35.67	-0.07	-1.63	0.82	-2426.71
119	83	1125.71	6.73	-8.90e-03	-13.61	0.0	-304.45	-22.01	-0.07	-1.20	6.73	1125.71
		-2422.40	-1.73	-7.31e-03	0.0	61.6	-299.57	-28.82	-0.07	-1.20	2.50	-438.82
						123.1	-294.69	-35.63	-0.07	-1.20	-1.73	-2422.40
119	85	1385.93	9.05	-0.01	-13.61	0.0	-366.51	-28.03	-0.07	-1.53	9.05	1385.93
		-2902.61	-0.13	-8.21e-03	0.0	61.6	-361.63	-34.83	-0.07	-1.53	4.46	-548.82
						123.1	-356.75	-41.64	-0.07	-1.53	-0.13	-2902.61
119	86	384.50	6.26	-4.96e-03	-13.61	0.0	-128.46	-4.92	-0.06	-1.10	6.26	384.50
		-1059.00	-1.21	-6.97e-03	0.0	61.6	-123.58	-11.72	-0.06	-1.10	2.52	-127.73

119	87	570.37	7.92	-6.09e-03	-13.61	123.1	-118.69	-18.53	-0.06	-1.10	-1.21	-1059.00
		-1402.00	-0.06	-7.61e-03	0.0	0.0	-172.79	-9.21	-0.06	-1.34	7.92	570.37
						61.6	-167.91	-16.02	-0.06	-1.34	3.93	-206.30
119	88	532.74	6.35	-5.75e-03	-13.61	123.1	-163.02	-22.83	-0.06	-1.34	-0.06	-1402.00
		-1331.68	-1.31	-7.04e-03	0.0	0.0	-163.66	-8.34	-0.06	-1.12	6.35	532.74
						61.6	-158.78	-15.14	-0.06	-1.12	2.52	-189.95
119	90	644.26	7.35	-6.42e-03	-13.61	123.1	-153.89	-21.95	-0.06	-1.12	-1.31	-1331.68
		-1537.48	-0.63	-7.42e-03	0.0	0.0	-190.26	-10.91	-0.06	-1.26	7.35	644.26
						61.6	-185.37	-17.72	-0.06	-1.26	3.36	-237.09
119	91	384.50	6.26	-4.96e-03	-13.61	123.1	-180.49	-24.53	-0.06	-1.26	-0.63	-1537.48
		-1059.00	-1.21	-6.97e-03	0.0	0.0	-128.46	-4.92	-0.06	-1.10	6.26	384.50
						61.6	-123.58	-11.72	-0.06	-1.10	2.52	-127.73
119	92	496.02	7.25	-5.64e-03	-13.61	123.1	-118.69	-18.53	-0.06	-1.10	-1.21	-1059.00
		-1264.80	-0.52	-7.36e-03	0.0	0.0	-155.06	-7.49	-0.06	-1.24	7.25	496.02
						61.6	-150.17	-14.30	-0.06	-1.24	3.36	-174.87
120	5	557.88	730.76	-1.55e-03	-13.61	123.1	-145.29	-21.11	-0.06	-1.24	-0.52	-1264.80
		-1175.12	-39.39	0.02	0.0	0.0	-116.06	-7.27	-6.26	-91.00	730.76	557.88
						61.6	-111.18	-14.08	-6.26	-91.00	345.69	-99.10
120	11	2344.42	3415.68	2.79e-03	-17.70	123.1	-106.30	-20.88	-6.26	-91.00	-39.39	-1175.12
		-5631.54	-217.08	0.09	0.0	0.0	-564.60	-55.93	-29.51	-427.24	3415.68	2344.42
						61.6	-558.25	-64.78	-29.51	-427.24	1599.30	-1371.18
120	18	703.17	924.90	-1.22e-03	-13.61	123.1	-551.90	-73.63	-29.51	-427.24	-217.08	-5631.54
		-1500.96	-78.13	0.02	0.0	0.0	-160.44	-11.12	-8.15	-132.55	924.90	703.17
						61.6	-155.55	-17.93	-8.15	-132.55	423.38	-189.37
120	23	776.40	1064.03	-1.65e-03	-13.61	123.1	-150.67	-24.74	-8.15	-132.55	-78.13	-1500.96
		-1689.50	-39.43	0.02	0.0	0.0	-159.23	-13.19	-8.96	-113.57	1064.03	776.40
						61.6	-154.35	-20.00	-8.96	-113.57	512.30	-247.03
120	27	774.74	1063.76	-1.80e-03	-13.61	123.1	-149.46	-26.80	-8.96	-113.57	-39.43	-1689.50
		-1674.66	-39.47	0.02	0.0	0.0	-159.23	-13.06	-8.96	-113.84	1063.76	774.74
						61.6	-154.35	-19.86	-8.96	-113.84	512.15	-240.44
120	30	707.07	922.22	-9.85e-04	-13.61	123.1	-149.46	-26.67	-8.96	-113.84	-39.47	-1674.66
		-1550.41	-72.78	0.02	0.0	0.0	-160.45	-11.56	-8.09	-133.82	922.22	707.07
						61.6	-155.57	-18.37	-8.09	-133.82	424.72	-212.15
120	31	780.31	1016.39	-2.62e-03	-13.61	123.1	-150.68	-25.17	-8.09	-133.82	-72.78	-1550.41
		-1823.36	-46.22	0.03	0.0	0.0	-159.63	-14.33	-8.62	-117.28	1016.39	780.31
						61.6	-154.74	-21.13	-8.62	-117.28	485.08	-312.00
120	50	693.00	906.50	-1.18e-03	-13.61	123.1	-149.86	-27.94	-8.62	-117.28	-46.22	-1823.36
		-1470.86	-84.08	0.02	0.0	0.0	-160.60	-10.80	-8.05	-134.91	906.50	693.00
						61.6	-155.71	-17.61	-8.05	-134.91	411.21	-179.41
120	55	785.97	1083.25	-1.73e-03	-13.61	123.1	-150.83	-24.42	-8.05	-134.91	-84.08	-1470.86
		-1710.25	-34.91	0.02	0.0	0.0	-159.07	-13.43	-9.08	-110.79	1083.25	785.97
						61.6	-154.18	-20.24	-9.08	-110.79	524.17	-252.62
120	59	783.85	1082.91	-1.91e-03	-13.61	123.1	-149.30	-27.04	-9.08	-110.79	-34.91	-1710.25
		-1691.39	-34.96	0.03	0.0	0.0	-159.07	-13.26	-9.07	-111.13	1082.91	783.85
						61.6	-154.18	-20.06	-9.07	-111.13	523.98	-244.25
120	62	697.95	903.07	-8.75e-04	-13.61	123.1	-149.30	-26.87	-9.07	-111.13	-34.96	-1691.39
		-1533.68	-77.29	0.02	0.0	0.0	-160.61	-11.36	-7.97	-136.53	903.07	697.95
						61.6	-155.73	-18.17	-7.97	-136.53	412.89	-208.34
120	63	790.95	1022.71	-2.96e-03	-13.61	123.1	-150.85	-24.97	-7.97	-136.53	-77.29	-1533.68
		-1880.31	-43.54	0.03	0.0	0.0	-159.57	-14.87	-8.65	-115.51	1022.71	790.95
						61.6	-154.69	-21.68	-8.65	-115.51	489.59	-335.16
120	79	623.78	824.28	-1.48e-03	-13.61	123.1	-149.80	-28.49	-8.65	-115.51	-43.54	-1880.31
		-1332.10	-45.45	0.02	0.0	0.0	-131.78	-9.08	-7.06	-102.71	824.28	623.78
						61.6	-126.89	-15.89	-7.06	-102.71	389.42	-144.64
120	85	1602.18	2324.67	1.70e-03	-13.61	123.1	-122.01	-22.69	-7.06	-102.71	-45.45	-1332.10
		-3827.32	-146.74	0.06	0.0	0.0	-383.49	-37.29	-20.07	-290.72	2324.67	1602.18
						61.6	-378.61	-44.10	-20.07	-290.72	1088.97	-903.05
120	86	623.78	824.28	-1.48e-03	-13.61	123.1	-373.73	-50.91	-20.07	-290.72	-146.74	-3827.32
		-1332.10	-45.45	0.02	0.0	0.0	-131.78	-9.08	-7.06	-102.71	824.28	623.78
						61.6	-126.89	-15.89	-7.06	-102.71	389.42	-144.64
120	90	881.93	1214.34	-1.25e-03	-13.61	123.1	-122.01	-22.69	-7.06	-102.71	-45.45	-1332.10
		-1980.71	-71.40	0.03	0.0	0.0	-197.09	-16.44	-10.44	-151.58	1214.34	881.93
						61.6	-192.20	-23.25	-10.44	-151.58	571.47	-339.87
120	91	623.78	824.28	-1.48e-03	-13.61	123.1	-187.32	-30.06	-10.44	-151.58	-71.40	-1980.71
		-1332.10	-45.45	0.02	0.0	0.0	-131.78	-9.08	-7.06	-102.71	824.28	623.78
						61.6	-126.89	-15.89	-7.06	-102.71	389.42	-144.64
120	92	740.90	992.99	-1.39e-03	-13.61	123.1	-122.01	-22.69	-7.06	-102.71	-45.45	-1332.10
		-1612.54	-56.12	0.02	0.0	0.0	-159.84	-12.31	-8.52	-123.83	992.99	740.90
						61.6	-154.96	-19.11	-8.52	-123.83	468.43	-226.30
121	5	498.38	47.13	-3.12e-03	-13.61	123.1	-150.07	-25.92	-8.52	-123.83	-56.12	-1612.54
		-965.45	-594.61	0.02	0.0	0.0	-103.65	18.70	-5.21	-78.63	47.13	-965.45
						61.6	-108.53	11.89	-5.21	-78.63	-273.74	-24.01
121	11	2083.28	218.13	7.74e-03	-17.70	123.1	-113.42	5.08	-5.21	-78.63	-594.61	498.38
		-4574.70	-2951.47	0.10	0.0	0.0	-532.03	62.93	-25.74	-386.80	218.13	-4574.70
						61.6	-538.38	54.08	-25.74	-386.80	-1366.67	-973.33
121	18	652.30	50.87	-1.45e-03	-13.61	123.1	-544.72	45.23	-25.74	-386.80	-2951.47	2083.28
						0.0	-146.12	23.40	-7.65	-97.06	50.87	-1419.38

		-1419.38	-890.45	0.03	0.0	61.6	-151.01	16.59	-7.65	-97.06	-419.79	-174.02
						123.1	-155.89	9.78	-7.65	-97.06	-890.45	652.30
121	20	724.82	73.98	-9.26e-04	-13.61	0.0	-145.14	23.90	-6.87	-117.88	73.98	-1350.64
		-1350.64	-772.01	0.03	0.0	61.6	-150.02	17.09	-6.87	-117.88	-349.01	-103.39
						123.1	-154.90	10.28	-6.87	-117.88	-772.01	724.82
121	21	600.40	55.12	-3.18e-03	-13.61	0.0	-146.27	21.92	-7.61	-99.93	55.12	-1288.67
		-1288.67	-881.37	0.03	0.0	61.6	-151.15	15.11	-7.61	-99.93	-413.13	-134.61
						123.1	-156.04	8.30	-7.61	-99.93	-881.37	600.40
121	23	683.54	83.14	-2.93e-03	-13.61	0.0	-145.28	22.62	-6.90	-118.53	83.14	-1242.92
		-1242.92	-766.11	0.03	0.0	61.6	-150.17	15.82	-6.90	-118.53	-341.48	-70.17
						123.1	-155.05	9.01	-6.90	-118.53	-766.11	683.54
121	42	739.53	54.27	7.45e-04	-13.61	0.0	-145.56	25.47	-7.43	-100.88	54.27	-1568.66
		-1568.66	-859.47	0.03	0.0	61.6	-150.44	18.66	-7.43	-100.88	-402.60	-205.04
						123.1	-155.33	11.85	-7.43	-100.88	-859.47	739.53
121	44	764.25	62.63	7.43e-04	-13.61	0.0	-145.27	25.65	-7.21	-106.48	62.63	-1551.49
		-1551.49	-824.91	0.03	0.0	61.6	-150.16	18.84	-7.21	-106.48	-381.14	-184.10
						123.1	-155.04	12.04	-7.21	-106.48	-824.91	764.25
121	50	649.51	47.18	-1.29e-03	-13.61	0.0	-146.23	23.53	-7.76	-93.86	47.18	-1446.21
		-1446.21	-907.68	0.03	0.0	61.6	-151.11	16.72	-7.76	-93.86	-430.25	-188.83
						123.1	-156.00	9.91	-7.76	-93.86	-907.68	649.51
121	52	741.63	76.53	-6.54e-04	-13.61	0.0	-144.99	24.16	-6.77	-120.31	76.53	-1359.13
		-1359.13	-757.23	0.03	0.0	61.6	-149.87	17.36	-6.77	-120.31	-340.35	-99.23
						123.1	-154.76	10.55	-6.77	-120.31	-757.23	741.63
121	53	583.58	52.57	-3.49e-03	-13.61	0.0	-146.42	21.65	-7.71	-97.50	52.57	-1280.18
		-1280.18	-896.15	0.03	0.0	61.6	-151.30	14.85	-7.71	-97.50	-421.79	-138.78
						123.1	-156.18	8.04	-7.71	-97.50	-896.15	583.58
121	55	689.20	88.17	-3.17e-03	-13.61	0.0	-145.18	22.55	-6.80	-121.14	88.17	-1222.25
		-1222.25	-749.71	0.03	0.0	61.6	-150.06	15.74	-6.80	-121.14	-330.77	-57.00
						123.1	-154.94	8.93	-6.80	-121.14	-749.71	689.20
121	74	760.31	51.49	1.28e-03	-13.61	0.0	-145.52	26.16	-7.48	-98.71	51.49	-1635.91
		-1635.91	-868.33	0.03	0.0	61.6	-150.41	19.35	-7.48	-98.71	-408.42	-228.28
						123.1	-155.29	12.55	-7.48	-98.71	-868.33	760.31
121	76	791.73	62.12	1.42e-03	-13.61	0.0	-145.16	26.39	-7.21	-105.83	62.12	-1614.16
		-1614.16	-824.42	0.03	0.0	61.6	-150.04	19.59	-7.21	-105.83	-381.15	-201.69
						123.1	-154.93	12.78	-7.21	-105.83	-824.42	791.73
121	79	557.53	53.30	-2.72e-03	-13.61	0.0	-118.75	20.21	-5.94	-89.47	53.30	-1092.57
		-1092.57	-677.70	0.03	0.0	61.6	-123.63	13.40	-5.94	-89.47	-312.20	-58.00
						123.1	-128.51	6.60	-5.94	-89.47	-677.70	557.53
121	85	1423.76	148.41	4.53e-03	-13.61	0.0	-360.45	43.64	-17.47	-262.57	148.41	-3110.73
		-3110.73	-2002.62	0.07	0.0	61.6	-365.34	36.83	-17.47	-262.57	-927.10	-633.96
						123.1	-370.22	30.02	-17.47	-262.57	-2002.62	1423.76
121	86	557.53	53.30	-2.72e-03	-13.61	0.0	-118.75	20.21	-5.94	-89.47	53.30	-1092.57
		-1092.57	-677.70	0.03	0.0	61.6	-123.63	13.40	-5.94	-89.47	-312.20	-58.00
						123.1	-128.51	6.60	-5.94	-89.47	-677.70	557.53
121	90	786.82	78.32	-9.12e-04	-13.61	0.0	-181.46	26.33	-8.94	-134.45	78.32	-1617.31
		-1617.31	-1022.15	0.04	0.0	61.6	-186.35	19.53	-8.94	-134.45	-471.91	-205.73
						123.1	-191.23	12.72	-8.94	-134.45	-1022.15	786.82
121	91	557.53	53.30	-2.72e-03	-13.61	0.0	-118.75	20.21	-5.94	-89.47	53.30	-1092.57
		-1092.57	-677.70	0.03	0.0	61.6	-123.63	13.40	-5.94	-89.47	-312.20	-58.00
						123.1	-128.51	6.60	-5.94	-89.47	-677.70	557.53
121	92	662.61	64.55	-2.04e-03	-13.61	0.0	-145.70	22.91	-7.24	-108.90	64.55	-1319.66
		-1319.66	-826.69	0.03	0.0	61.6	-150.59	16.10	-7.24	-108.90	-381.07	-119.00
						123.1	-155.47	9.29	-7.24	-108.90	-826.69	662.61
122	4	1827.10	26.81	-0.02	-17.70	0.0	-429.58	60.91	-0.10	1.48	26.81	-4582.07
		-4582.07	14.10	0.01	0.0	61.6	-435.93	52.06	-0.10	1.48	20.46	-1105.11
						123.1	-442.28	43.21	-0.10	1.48	14.10	1827.10
122	5	352.46	13.50	-6.32e-03	-13.61	0.0	-102.90	19.00	-0.06	0.54	13.50	-1148.76
		-1148.76	5.90	6.31e-03	0.0	61.6	-107.78	12.19	-0.06	0.54	9.70	-188.63
						123.1	-112.67	5.39	-0.06	0.54	5.90	352.46
122	11	2250.05	25.91	-0.02	-17.70	0.0	-520.63	72.07	-0.11	1.31	25.91	-5533.40
		-5533.40	12.97	0.01	0.0	61.6	-526.98	63.22	-0.11	1.31	19.44	-1369.30
						123.1	-533.33	54.37	-0.11	1.31	12.97	2250.05
122	27	529.27	70.90	-7.23e-03	-13.61	0.0	-143.69	23.22	-2.75	-52.21	70.90	-1490.78
		-1490.78	-267.72	0.02	0.0	61.6	-148.58	16.41	-2.75	-52.21	-98.41	-271.23
						123.1	-153.46	9.60	-2.75	-52.21	-267.72	529.27
122	30	554.62	282.45	-8.59e-03	-13.61	0.0	-144.14	24.81	2.62	53.66	-40.00	-1663.01
		-1663.01	-40.00	-6.80e-03	0.0	61.6	-149.03	18.01	2.62	53.66	121.23	-344.67
						123.1	-153.91	11.20	2.62	53.66	282.45	554.62
122	42	573.52	111.70	-9.19e-03	-13.61	0.0	-144.07	26.03	0.94	23.48	-4.98	-1793.20
		-1793.20	-4.98	-2.82e-03	0.0	61.6	-148.96	19.22	0.94	23.48	53.36	-400.32
						123.1	-153.84	12.42	0.94	23.48	111.70	573.52
122	59	525.90	85.68	-7.05e-03	-13.61	0.0	-143.64	23.01	-3.46	-66.30	85.68	-1467.90
		-1467.90	-340.81	0.02	0.0	61.6	-148.52	16.20	-3.46	-66.30	-127.56	-261.48
						123.1	-153.40	9.39	-3.46	-66.30	-340.81	525.90
122	62	557.99	355.54	-8.77e-03	-13.61	0.0	-144.20	25.03	3.33	67.75	-54.78	-1685.89
		-1685.89	-54.78	-0.01	0.0	61.6	-149.08	18.22	3.33	67.75	150.38	-354.42
						123.1	-153.97	11.41	3.33	67.75	355.54	557.99

122	74	582.05	139.07	-9.54e-03	-13.61	0.0	-144.12	26.57	1.20	29.47	-10.39	-1851.65
		-1851.65	-10.39	-5.43e-03	0.0	61.6	-149.00	19.77	1.20	29.47	64.34	-425.28
						123.1	-153.88	12.96	1.20	29.47	139.07	582.05
122	79	420.48	14.10	-6.89e-03	-13.61	0.0	-117.63	20.80	-0.06	0.60	14.10	-1302.45
		-1302.45	6.37	6.52e-03	0.0	61.6	-122.51	13.99	-0.06	0.60	10.23	-231.46
						123.1	-127.39	7.19	-0.06	0.60	6.37	420.48
122	82	1228.79	19.35	-0.01	-13.61	0.0	-292.26	42.18	-0.08	1.02	19.35	-3125.92
		-3125.92	9.94	8.10e-03	0.0	61.6	-297.14	35.37	-0.08	1.02	14.65	-739.04
						123.1	-302.02	28.56	-0.08	1.02	9.94	1228.79
122	85	1510.75	18.75	-0.02	-13.61	0.0	-352.95	49.62	-0.08	0.92	18.75	-3760.13
		-3760.13	9.19	7.80e-03	0.0	61.6	-357.84	42.81	-0.08	0.92	13.97	-915.17
						123.1	-362.72	36.00	-0.08	0.92	9.19	1510.75
122	86	420.48	14.10	-6.89e-03	-13.61	0.0	-117.63	20.80	-0.06	0.60	14.10	-1302.45
		-1302.45	6.37	6.52e-03	0.0	61.6	-122.51	13.99	-0.06	0.60	10.23	-231.46
						123.1	-127.39	7.19	-0.06	0.60	6.37	420.48
122	87	622.92	16.35	-8.59e-03	-13.61	0.0	-161.45	26.16	-0.07	0.80	16.35	-1759.85
		-1759.85	8.03	7.24e-03	0.0	61.6	-166.33	19.35	-0.07	0.80	12.19	-358.94
						123.1	-171.21	12.55	-0.07	0.80	8.03	622.92
122	90	703.32	15.75	-9.16e-03	-13.61	0.0	-178.71	28.28	-0.07	0.73	15.75	-1940.36
		-1940.36	7.46	7.01e-03	0.0	61.6	-183.60	21.47	-0.07	0.73	11.61	-409.00
						123.1	-188.48	14.67	-0.07	0.73	7.46	703.32
122	91	420.48	14.10	-6.89e-03	-13.61	0.0	-117.63	20.80	-0.06	0.60	14.10	-1302.45
		-1302.45	6.37	6.52e-03	0.0	61.6	-122.51	13.99	-0.06	0.60	10.23	-231.46
						123.1	-127.39	7.19	-0.06	0.60	6.37	420.48
122	92	541.94	15.45	-7.91e-03	-13.61	0.0	-143.92	24.02	-0.07	0.72	15.45	-1576.89
		-1576.89	7.37	6.95e-03	0.0	61.6	-148.80	17.21	-0.07	0.72	11.41	-307.95
						123.1	-153.68	10.40	-0.07	0.72	7.37	541.94
123	5	589.83	730.93	-5.27e-03	-13.61	0.0	-106.88	21.95	6.30	96.11	-44.36	-1274.91
		-1274.91	-44.36	-0.02	0.0	61.6	-111.76	15.15	6.30	96.11	343.29	-133.02
						123.1	-116.64	8.34	6.30	96.11	730.93	589.83
123	11	2532.09	3416.46	-7.23e-03	-17.70	0.0	-555.04	78.35	29.56	447.04	-223.46	-6024.57
		-6024.57	-223.46	-0.09	0.0	61.6	-561.39	69.50	29.56	447.04	1596.50	-1473.86
						123.1	-567.74	60.65	29.56	447.04	3416.46	2532.09
123	15	789.96	1064.21	-5.41e-03	-13.61	0.0	-150.33	27.12	9.04	123.50	-48.67	-1725.80
		-1725.80	-48.67	-0.02	0.0	61.6	-155.22	20.32	9.04	123.50	507.77	-258.40
						123.1	-160.10	13.51	9.04	123.50	1064.21	789.96
123	16	815.95	1062.78	-5.39e-03	-13.61	0.0	-150.21	28.31	9.01	120.87	-46.71	-1845.50
		-1845.50	-46.71	-0.02	0.0	61.6	-155.09	21.50	9.01	120.87	508.04	-305.26
						123.1	-159.97	14.69	9.01	120.87	1062.78	815.95
123	17	759.93	923.67	-5.49e-03	-13.61	0.0	-151.60	26.36	8.12	139.93	-75.55	-1633.24
		-1633.24	-75.55	-0.02	0.0	61.6	-156.49	19.56	8.12	139.93	424.06	-227.13
						123.1	-161.37	12.75	8.12	139.93	923.67	759.93
123	29	756.36	925.96	-6.00e-03	-13.61	0.0	-151.55	26.66	8.18	138.34	-81.47	-1708.62
		-1708.62	-81.47	-0.02	0.0	61.6	-156.43	19.85	8.18	138.34	422.24	-266.61
						123.1	-161.31	13.05	8.18	138.34	925.96	756.36
123	32	835.75	1011.93	-5.40e-03	-13.61	0.0	-150.51	29.42	8.66	123.56	-53.83	-1952.76
		-1952.76	-53.83	-0.03	0.0	61.6	-155.39	22.61	8.66	123.56	479.05	-348.98
						123.1	-160.27	15.81	8.66	123.56	1011.93	835.75
123	36	837.65	1011.21	-5.41e-03	-13.61	0.0	-150.52	29.37	8.64	123.95	-52.07	-1934.68
		-1934.68	-52.07	-0.03	0.0	61.6	-155.40	22.57	8.64	123.95	479.57	-338.99
						123.1	-160.29	15.76	8.64	123.95	1011.21	837.65
123	47	790.49	1083.39	-5.40e-03	-13.61	0.0	-150.18	27.07	9.17	121.64	-45.30	-1722.10
		-1722.10	-45.30	-0.02	0.0	61.6	-155.06	20.26	9.17	121.64	519.05	-256.28
						123.1	-159.95	13.45	9.17	121.64	1083.39	790.49
123	48	823.49	1081.58	-5.38e-03	-13.61	0.0	-150.02	28.57	9.13	118.30	-42.81	-1874.15
		-1874.15	-42.81	-0.02	0.0	61.6	-154.90	21.76	9.13	118.30	519.38	-315.80
						123.1	-159.79	14.95	9.13	118.30	1081.58	823.49
123	49	752.39	904.87	-5.50e-03	-13.61	0.0	-151.79	26.10	7.99	142.50	-79.44	-1604.60
		-1604.60	-79.44	-0.02	0.0	61.6	-156.67	19.29	7.99	142.50	412.71	-216.58
						123.1	-161.56	12.49	7.99	142.50	904.87	752.39
123	61	747.84	907.76	-6.15e-03	-13.61	0.0	-151.72	26.48	8.08	140.50	-86.97	-1700.28
		-1700.28	-86.97	-0.02	0.0	61.6	-156.60	19.67	8.08	140.50	410.39	-266.70
						123.1	-161.49	12.87	8.08	140.50	907.76	747.84
123	64	848.66	1016.98	-5.38e-03	-13.61	0.0	-150.40	29.98	8.68	121.71	-51.86	-2010.41
		-2010.41	-51.86	-0.03	0.0	61.6	-155.28	23.18	8.68	121.71	482.56	-371.35
						123.1	-160.17	16.37	8.68	121.71	1016.98	848.66
123	68	851.08	1016.07	-5.41e-03	-13.61	0.0	-150.42	29.92	8.66	122.20	-49.62	-1987.46
		-1987.46	-49.62	-0.03	0.0	61.6	-155.30	23.12	8.66	122.20	483.23	-358.67
						123.1	-160.18	16.31	8.66	122.20	1016.07	851.08
123	79	661.19	824.48	-5.33e-03	-13.61	0.0	-122.68	23.89	7.11	108.34	-50.41	-1441.73
		-1441.73	-50.41	-0.02	0.0	61.6	-127.56	17.08	7.11	108.34	387.04	-180.75
						123.1	-132.45	10.27	7.11	108.34	824.48	661.19
123	85	1728.65	2325.20	-5.49e-03	-13.61	0.0	-375.85	54.13	20.12	304.32	-151.66	-4097.40
		-4097.40	-151.66	-0.06	0.0	61.6	-380.73	47.32	20.12	304.32	1086.77	-974.85
						123.1	-385.61	40.51	20.12	304.32	2325.20	1728.65
123	86	661.19	824.48	-5.33e-03	-13.61	0.0	-122.68	23.89	7.11	108.34	-50.41	-1441.73
		-1441.73	-50.41	-0.02	0.0	61.6	-127.56	17.08	7.11	108.34	387.04	-180.75

123	90	942.28	1214.62	-5.42e-03	-13.61	123.1	-132.45	10.27	7.11	108.34	824.48	661.19
		-2131.61	-76.38	-0.03	0.0	0.0	-188.37	31.77	10.49	159.30	-76.38	-2131.61
						61.6	-193.25	24.97	10.49	159.30	569.12	-385.14
123	91	661.19	824.48	-5.33e-03	-13.61	123.1	-198.13	18.16	10.49	159.30	1214.62	942.28
		-1441.73	-50.41	-0.02	0.0	0.0	-122.68	23.89	7.11	108.34	-50.41	-1441.73
						61.6	-127.56	17.08	7.11	108.34	387.04	-180.75
123	92	787.94	993.23	-5.44e-03	-13.61	123.1	-132.45	10.27	7.11	108.34	824.48	661.19
		-1739.37	-61.13	-0.02	0.0	0.0	-150.91	27.33	8.56	130.40	-61.13	-1739.37
						61.6	-155.79	20.53	8.56	130.40	466.05	-266.19
124	5	2110.22	1182.48	-9.58e-03	-110.44	123.1	-160.67	13.72	8.56	130.40	993.23	787.94
		-2187.61	0.0	0.03	0.0	0.0	-547.69	64.09	-5.25	-80.19	1182.48	-2187.61
						112.6	-589.89	10.13	-5.25	-80.19	591.24	2016.30
124	11	1.064e+04	5577.60	-0.05	-573.25	225.3	-634.05	-46.35	-5.25	-80.19	0.0	0.0
		-1.218e+04	0.0	0.09	0.0	0.0	-1033.53	335.43	-24.76	-410.33	5577.60	-1.218e+04
						112.6	-1251.49	56.70	-24.76	-410.33	2788.80	1.005e+04
124	17	2868.72	1878.35	-0.01	-156.00	225.3	-1481.80	-237.82	-24.76	-410.33	0.0	0.0
		-3377.50	0.0	0.04	0.0	0.0	-572.56	91.71	-8.34	-128.76	1878.35	-3377.50
						112.6	-632.05	15.63	-8.34	-128.76	939.18	2704.22
124	26	2984.29	2005.41	-0.01	-156.00	225.3	-694.55	-64.29	-8.34	-128.76	0.0	0.0
		-3083.19	0.0	0.03	0.0	0.0	-529.39	90.40	-8.90	-128.14	2005.41	-3083.19
						112.6	-588.88	14.33	-8.90	-128.14	1002.70	2851.38
124	31	2810.82	1439.97	-0.02	-156.00	225.3	-651.37	-65.59	-8.90	-128.14	0.0	0.0
		-3531.88	0.0	0.04	0.0	0.0	-719.92	92.40	-6.39	-103.38	1439.97	-3531.88
						112.6	-779.41	16.32	-6.39	-103.38	719.99	2627.03
124	32	3128.03	1606.90	0.01	-156.00	225.3	-841.91	-63.60	-6.39	-103.38	0.0	0.0
		-2754.64	0.0	0.02	0.0	0.0	-512.02	88.95	-7.13	-109.35	1606.90	-2754.64
						112.6	-571.51	12.87	-7.13	-109.35	803.45	3015.65
124	33	2790.46	1615.33	-0.02	-156.00	225.3	-634.00	-67.05	-7.13	-109.35	0.0	0.0
		-3586.19	0.0	0.04	0.0	0.0	-685.49	92.64	-7.17	-114.13	1615.33	-3586.19
						112.6	-744.98	16.56	-7.17	-114.13	807.67	2599.88
124	34	3104.28	1782.27	0.01	-156.00	225.3	-807.48	-63.36	-7.17	-114.13	0.0	0.0
		-2808.94	0.0	0.03	0.0	0.0	-477.59	89.19	-7.91	-120.10	1782.27	-2808.94
						112.6	-537.08	13.11	-7.91	-120.10	891.13	2988.50
124	49	2847.76	1950.58	-0.01	-156.00	225.3	-599.58	-66.81	-7.91	-120.10	0.0	0.0
		-3433.39	0.0	0.04	0.0	0.0	-565.52	91.96	-8.66	-133.35	1950.58	-3433.39
						112.6	-625.01	15.88	-8.66	-133.35	975.29	2676.27
124	58	2994.62	2112.28	-0.01	-156.00	225.3	-687.51	-64.04	-8.66	-133.35	0.0	0.0
		-3059.58	0.0	0.04	0.0	0.0	-510.70	90.30	-9.38	-132.58	2112.28	-3059.58
						112.6	-570.20	14.22	-9.38	-132.58	1056.14	2863.18
124	63	2774.19	1393.71	-0.02	-156.00	225.3	-632.69	-65.70	-9.38	-132.58	0.0	0.0
		-3629.58	0.0	0.04	0.0	0.0	-752.65	92.83	-6.19	-101.12	1393.71	-3629.58
						112.6	-812.14	16.75	-6.19	-101.12	696.86	2578.18
124	64	3177.17	1605.77	0.02	-156.00	225.3	-874.64	-63.17	-6.19	-101.12	0.0	0.0
		-2642.31	0.0	0.02	0.0	0.0	-488.56	88.45	-7.13	-108.71	1605.77	-2642.31
						112.6	-548.06	12.37	-7.13	-108.71	802.88	3071.81
124	65	2748.34	1616.47	-0.02	-156.00	225.3	-610.55	-67.55	-7.13	-108.71	0.0	0.0
		-3698.51	0.0	0.04	0.0	0.0	-708.94	93.14	-7.18	-114.77	1616.47	-3698.51
						112.6	-768.43	17.06	-7.18	-114.77	808.24	2543.71
124	66	3147.02	1828.53	0.02	-156.00	225.3	-830.93	-62.86	-7.18	-114.77	0.0	0.0
		-2711.25	0.0	0.03	0.0	0.0	-444.86	88.75	-8.12	-122.36	1828.53	-2711.25
						112.6	-504.35	12.67	-8.12	-122.36	914.26	3037.35
124	79	2410.41	1335.38	-0.01	-126.80	225.3	-566.84	-67.25	-8.12	-122.36	0.0	0.0
		-2540.14	0.0	0.03	0.0	0.0	-566.37	73.68	-5.93	-91.55	1335.38	-2540.14
						112.6	-614.78	11.77	-5.93	-91.55	667.69	2300.55
124	85	7210.13	3794.52	-0.03	-388.17	225.3	-665.53	-53.12	-5.93	-91.55	0.0	0.0
		-8224.63	0.0	0.06	0.0	0.0	-752.08	227.06	-16.84	-278.19	3794.52	-8224.63
						112.6	-899.70	38.27	-16.84	-278.19	1897.26	6818.66
124	86	2410.41	1335.38	-0.01	-126.80	225.3	-1055.62	-161.11	-16.84	-278.19	0.0	0.0
		-2540.14	0.0	0.03	0.0	0.0	-566.37	73.68	-5.93	-91.55	1335.38	-2540.14
						112.6	-614.78	11.77	-5.93	-91.55	667.69	2300.55
124	90	3655.57	1974.27	-0.02	-194.65	225.3	-665.53	-53.12	-5.93	-91.55	0.0	0.0
		-4013.18	0.0	0.04	0.0	0.0	-620.78	113.48	-8.76	-139.64	1974.27	-4013.18
						112.6	-694.95	18.64	-8.76	-139.64	987.13	3474.68
124	91	2410.41	1335.38	-0.01	-126.80	225.3	-772.99	-81.17	-8.76	-139.64	0.0	0.0
		-2540.14	0.0	0.03	0.0	0.0	-566.37	73.68	-5.93	-91.55	1335.38	-2540.14
						112.6	-614.78	11.77	-5.93	-91.55	667.69	2300.55
124	92	2946.38	1611.12	-0.01	-156.00	225.3	-665.53	-53.12	-5.93	-91.55	0.0	0.0
		-3170.41	0.0	0.03	0.0	0.0	-598.75	90.79	-7.15	-111.74	1611.12	-3170.41
						112.6	-658.25	14.71	-7.15	-111.74	805.56	2807.76
125	4	-216.98	4594.92	-2.28e-03	-191.64	225.3	-720.74	-65.21	-7.15	-111.74	0.0	0.0
		-5245.93	4240.66	0.04	0.0	0.0	-677.94	134.31	-2.79	57.22	4594.92	-5245.93
						63.5	-591.14	23.31	-2.79	57.22	4417.79	-401.96
125	5	11.22	1184.94	-3.35e-03	-47.67	127.0	-528.08	-57.33	-2.79	57.22	4240.66	-1642.62
		-1036.29	1098.22	7.61e-03	0.0	0.0	-412.82	30.16	-0.68	13.88	1184.94	-1036.29
						63.5	-391.86	3.35	-0.68	13.88	1141.58	-3.70
125	11	-296.51	5529.89	-1.34e-03	-231.55	127.0	-375.54	-17.51	-0.68	13.88	1098.22	-484.68
						0.0	-669.71	163.82	-3.39	69.75	5529.89	-6476.59

		-6476.59	5099.27	0.05	0.0	63.5	-564.59	29.39	-3.39	69.75	5314.58	-539.51
						127.0	-488.64	-67.73	-3.39	69.75	5099.27	-1954.18
125	12	-210.40	3872.58	-1.04e-03	-162.07	0.0	-453.52	114.46	-2.39	49.21	3872.58	-4525.63
		-4525.63	3569.42	0.04	0.0	63.5	-380.03	20.47	-2.39	49.21	3721.00	-378.84
						127.0	-326.79	-47.61	-2.39	49.21	3569.42	-1377.66
125	17	-28.42	1987.08	-3.26e-03	-65.65	0.0	-391.04	43.27	-6.88	17.03	1987.08	-1572.59
		-1572.59	1106.38	0.02	0.0	63.5	-361.82	5.90	-6.88	17.03	1546.73	-59.21
						127.0	-339.70	-22.38	-6.88	17.03	1106.38	-630.25
125	18	-13.68	1945.69	-3.03e-03	-65.65	0.0	-458.34	44.87	-7.12	18.44	1945.69	-1684.13
		-1684.13	1045.69	0.01	0.0	63.5	-429.12	7.50	-7.12	18.44	1495.69	-69.20
						127.0	-407.00	-20.78	-7.12	18.44	1045.69	-538.69
125	34	1.64	1647.06	-2.74e-03	-65.65	0.0	-549.69	46.19	-3.15	21.12	1647.06	-1773.82
		-1773.82	1263.95	7.61e-03	0.0	63.5	-520.47	8.83	-3.15	21.12	1455.51	-74.88
						127.0	-498.35	-19.46	-3.15	21.12	1263.95	-460.36
125	36	5.44	1483.93	-2.74e-03	-65.65	0.0	-564.42	45.90	0.11	22.61	1452.00	-1749.68
		-1749.68	1452.00	6.13e-03	0.0	63.5	-535.20	8.53	0.11	22.61	1467.97	-67.02
						127.0	-513.08	-19.76	0.11	22.61	1483.93	-468.78
125	37	-34.32	1765.50	-3.49e-03	-65.65	0.0	-321.64	40.70	-2.00	15.82	1765.50	-1391.49
		-1391.49	1494.06	0.02	0.0	63.5	-292.42	3.33	-2.00	15.82	1629.78	-44.33
						127.0	-270.31	-24.95	-2.00	15.82	1494.06	-781.59
125	49	-29.42	2089.34	-3.30e-03	-65.65	0.0	-377.02	43.26	-8.49	16.44	2089.34	-1573.04
		-1573.04	1002.99	0.02	0.0	63.5	-347.80	5.89	-8.49	16.44	1546.17	-60.14
						127.0	-325.68	-22.39	-8.49	16.44	1002.99	-631.67
125	50	-10.57	2036.77	-3.01e-03	-65.65	0.0	-462.50	45.29	-8.78	18.23	2036.77	-1714.72
		-1714.72	925.90	0.01	0.0	63.5	-433.28	7.92	-8.78	18.23	1481.34	-72.83
						127.0	-411.16	-20.36	-8.78	18.23	925.90	-515.37
125	66	8.89	1657.43	-2.64e-03	-65.65	0.0	-578.52	46.97	-3.75	21.64	1657.43	-1828.71
		-1828.71	1203.15	6.44e-03	0.0	63.5	-549.30	9.61	-3.75	21.64	1430.29	-80.06
						127.0	-527.18	-18.68	-3.75	21.64	1203.15	-415.84
125	68	13.68	1482.61	-2.64e-03	-65.65	0.0	-597.22	46.60	0.40	23.53	1409.59	-1798.10
		-1798.10	1409.59	4.56e-03	0.0	63.5	-568.00	9.23	0.40	23.53	1446.10	-70.10
						127.0	-545.88	-19.05	0.40	23.53	1482.61	-426.53
125	69	-36.90	1807.92	-3.59e-03	-65.65	0.0	-288.84	40.00	-2.29	14.90	1807.92	-1343.07
		-1343.07	1495.38	0.02	0.0	63.5	-259.63	2.63	-2.29	14.90	1651.65	-41.24
						127.0	-237.51	-25.66	-2.29	14.90	1495.38	-823.83
125	79	-1.66	1336.19	-3.26e-03	-54.13	0.0	-423.98	34.87	-0.78	15.79	1336.19	-1227.92
		-1227.92	1237.66	9.18e-03	0.0	63.5	-400.06	4.28	-0.78	15.79	1286.93	-22.32
						127.0	-381.66	-19.25	-0.78	15.79	1237.66	-535.22
125	82	-138.79	3140.60	-2.01e-03	-130.68	0.0	-501.05	91.05	-1.90	38.97	3140.60	-3533.26
		-3533.26	2899.17	0.03	0.0	63.5	-441.97	15.50	-1.90	38.97	3019.88	-258.54
						127.0	-398.86	-39.63	-1.90	38.97	2899.17	-1132.75
125	83	-149.38	3127.95	-1.72e-03	-130.39	0.0	-451.12	91.07	-1.91	39.35	3127.95	-3554.14
		-3554.14	2885.13	0.03	0.0	63.5	-392.17	15.69	-1.91	39.35	3006.54	-272.42
						127.0	-349.16	-39.32	-1.91	39.35	2885.13	-1130.55
125	85	-191.81	3763.92	-1.39e-03	-157.28	0.0	-495.57	110.72	-2.30	47.33	3763.92	-4353.70
		-4353.70	3471.57	0.04	0.0	63.5	-424.27	19.55	-2.30	47.33	3617.75	-350.23
						127.0	-372.57	-46.56	-2.30	47.33	3471.57	-1340.45
125	86	-1.66	1336.19	-3.26e-03	-54.13	0.0	-423.98	34.87	-0.78	15.79	1336.19	-1227.92
		-1227.92	1237.66	9.18e-03	0.0	63.5	-400.06	4.28	-0.78	15.79	1286.93	-22.32
						127.0	-381.66	-19.25	-0.78	15.79	1237.66	-535.22
125	87	-37.28	1790.46	-3.02e-03	-73.33	0.0	-455.73	48.91	-1.05	21.50	1790.46	-1799.03
		-1799.03	1656.55	0.01	0.0	63.5	-422.98	7.03	-1.05	21.50	1723.50	-77.90
						127.0	-398.38	-24.42	-1.05	21.50	1656.55	-685.15
125	88	-35.45	1694.55	-2.95e-03	-69.38	0.0	-429.41	46.11	-1.00	20.50	1694.55	-1693.16
		-1693.16	1567.16	0.01	0.0	63.5	-398.48	6.56	-1.00	20.50	1630.85	-72.34
						127.0	-375.16	-23.27	-1.00	20.50	1567.16	-654.29
125	90	-53.64	1967.10	-2.81e-03	-80.90	0.0	-448.46	54.54	-1.17	23.93	1967.10	-2035.83
		-2035.83	1818.49	0.02	0.0	63.5	-412.24	8.21	-1.17	23.93	1892.80	-105.69
						127.0	-385.19	-26.37	-1.17	23.93	1818.49	-744.25
125	91	-1.66	1336.19	-3.26e-03	-54.13	0.0	-423.98	34.87	-0.78	15.79	1336.19	-1227.92
		-1227.92	1237.66	9.18e-03	0.0	63.5	-400.06	4.28	-0.78	15.79	1286.93	-22.32
						127.0	-381.66	-19.25	-0.78	15.79	1237.66	-535.22
125	92	-24.69	1608.75	-3.12e-03	-65.65	0.0	-443.03	43.30	-0.94	19.21	1608.75	-1570.59
		-1570.59	1488.99	0.01	0.0	63.5	-413.81	5.93	-0.94	19.21	1548.87	-55.67
						127.0	-391.69	-22.35	-0.94	19.21	1488.99	-625.18
126	4	8904.89	18.92	-0.04	-448.71	0.0	-871.81	259.34	-0.08	2.84	18.92	-8090.19
		-8090.19	0.0	0.02	0.0	112.6	-1046.16	36.38	-0.08	2.84	9.46	8590.22
						225.3	-1222.70	-189.38	-0.08	2.84	0.0	0.0
126	5	2070.07	9.06	-0.01	-105.86	0.0	-231.75	61.53	-0.04	-1.15	9.06	-1978.32
		-1978.32	0.0	0.01	0.0	112.6	-272.93	8.87	-0.04	-1.15	4.53	1991.73
						225.3	-314.53	-44.33	-0.04	-1.15	0.0	0.0
126	11	1.082e+04	18.03	-0.04	-544.46	0.0	-1049.72	314.54	-0.08	1.32	18.03	-9788.65
		-9788.65	0.0	0.02	0.0	112.6	-1261.26	44.03	-0.08	1.32	9.01	1.044e+04
						225.3	-1475.48	-229.92	-0.08	1.32	0.0	0.0
126	28	3008.21	0.0	-0.01	-148.99	0.0	-304.47	85.62	5.16	55.13	-1161.52	-2568.49
		-2568.49	-1161.52	4.64e-03	0.0	112.6	-362.40	11.54	5.16	55.13	-580.76	2911.30
						225.3	-420.98	-63.37	5.16	55.13	0.0	0.0

126	29	2855.07 -2918.52	1182.74 0.0	-0.01 0.03	-148.99 0.0	0.0 112.6 225.3	-316.31 -374.24 -432.82	87.17 13.10 -61.82	-5.25 -5.25 -5.25	-55.13 -55.13 -55.13	1182.74 591.37 0.0	-2918.52 2736.29 0.0
126	40	3121.72 -2309.04	0.0 -380.87	0.01 3.10e-03	-148.99 0.0	0.0 112.6 225.3	-300.68 -358.61 -417.20	84.47 10.39 -64.53	1.69 1.69 1.69	24.37 24.37 24.37	-380.87 -190.43 0.0	-2309.04 3041.03 0.0
126	41	2745.27 -3177.97	402.08 0.0	-0.02 0.03	-148.99 0.0	0.0 112.6 225.3	-320.10 -378.03 -436.61	88.33 14.25 -60.67	-1.78 -1.78 -1.78	-24.37 -24.37 -24.37	402.08 201.04 0.0	-3177.97 2606.56 0.0
126	44	3116.51 -2320.95	0.0 -472.44	0.01 3.15e-03	-148.99 0.0	0.0 112.6 225.3	-300.42 -358.35 -416.93	84.52 10.44 -64.47	2.10 2.10 2.10	22.63 22.63 22.63	-472.44 -236.22 0.0	-2320.95 3035.07 0.0
126	45	2749.73 -3166.06	493.65 0.0	-0.02 0.03	-148.99 0.0	0.0 112.6 225.3	-320.36 -378.29 -436.87	88.27 14.19 -60.72	-2.19 -2.19 -2.19	-22.64 -22.64 -22.64	493.65 246.83 0.0	-3166.06 2612.51 0.0
126	60	3028.58 -2521.92	0.0 -1475.91	-0.01 4.28e-03	-148.99 0.0	0.0 112.6 225.3	-302.87 -360.80 -419.38	85.41 11.33 -63.58	6.55 6.55 6.55	69.83 69.83 69.83	-1475.91 -737.95 0.0	-2521.92 2934.59 0.0
126	61	2834.70 -2965.09	1497.12 0.0	-0.01 0.03	-148.99 0.0	0.0 112.6 225.3	-317.91 -375.84 -434.42	87.38 13.30 -61.61	-6.65 -6.65 -6.65	-69.84 -69.84 -69.84	1497.12 748.56 0.0	-2965.09 2713.00 0.0
126	72	3173.08 -2191.64	0.0 -484.93	0.01 1.67e-03	-148.99 0.0	0.0 112.6 225.3	-298.06 -355.99 -414.57	83.95 9.87 -65.05	2.15 2.15 2.15	30.81 30.81 30.81	-484.93 -242.46 0.0	-2191.64 3099.72 0.0
126	73	2701.24 -3295.37	506.14 0.0	-0.02 0.03	-148.99 0.0	0.0 112.6 225.3	-322.72 -380.65 -439.23	88.85 14.77 -60.15	-2.25 -2.25 -2.25	-30.82 -30.82 -30.82	506.14 253.07 0.0	-3295.37 2547.86 0.0
126	76	3166.37 -2206.98	0.0 -600.98	0.01 1.96e-03	-148.99 0.0	0.0 112.6 225.3	-297.73 -355.66 -414.24	84.02 9.94 -64.98	2.67 2.67 2.67	28.64 28.64 28.64	-600.98 -300.49 0.0	-2206.98 3092.06 0.0
126	77	2707.00 -3280.03	622.19 0.0	-0.02 0.03	-148.99 0.0	0.0 112.6 225.3	-323.05 -380.98 -439.56	88.78 14.70 -60.22	-2.76 -2.76 -2.76	-28.65 -28.65 -28.65	622.19 311.10 0.0	-3280.03 2555.53 0.0
126	79	2379.33 -2253.03	9.54 0.0	-0.01 0.01	-121.34 0.0	0.0 112.6 225.3	-259.97 -307.16 -354.86	70.46 10.11 -50.89	-0.04 -0.04 -0.04	-0.77 -0.77 -0.77	9.54 4.77 0.0	-2253.03 2290.40 0.0
126	82	6047.66 -5510.72	13.56 0.0	-0.03 0.02	-305.00 0.0	0.0 112.6 225.3	-597.06 -715.57 -835.56	176.33 24.78 -128.66	-0.06 -0.06 -0.06	1.54 1.54 1.54	13.56 6.78 0.0	-5510.72 5833.08 0.0
126	85	7322.65 -6643.03	12.97 0.0	-0.03 0.02	-368.83 0.0	0.0 112.6 225.3	-715.66 -858.97 -1004.08	213.13 29.87 -155.70	-0.06 -0.06 -0.06	0.53 0.53 0.53	12.97 6.48 0.0	-6643.03 7064.41 0.0
126	86	2379.33 -2253.03	9.54 0.0	-0.01 0.01	-121.34 0.0	0.0 112.6 225.3	-259.97 -307.16 -354.86	70.46 10.11 -50.89	-0.04 -0.04 -0.04	-0.77 -0.77 -0.77	9.54 4.77 0.0	-2253.03 2290.40 0.0
126	87	3299.84 -3070.49	11.32 0.0	-0.02 0.01	-167.43 0.0	0.0 112.6 225.3	-344.00 -409.09 -474.93	97.02 13.79 -70.40	-0.05 -0.05 -0.05	0.51 0.51 0.51	11.32 5.66 0.0	-3070.49 3179.39 0.0
126	90	3662.56 -3392.62	10.80 0.0	-0.02 0.01	-185.59 0.0	0.0 112.6 225.3	-378.00 -450.14 -523.13	107.49 15.24 -78.09	-0.05 -0.05 -0.05	-0.10 -0.10 -0.10	10.80 5.40 0.0	-3392.62 3529.68 0.0
126	91	2379.33 -2253.03	9.54 0.0	-0.01 0.01	-121.34 0.0	0.0 112.6 225.3	-259.97 -307.16 -354.86	70.46 10.11 -50.89	-0.04 -0.04 -0.04	-0.77 -0.77 -0.77	9.54 4.77 0.0	-2253.03 2290.40 0.0
126	92	2931.64 -2743.51	10.61 0.0	-0.01 0.01	-148.99 0.0	0.0 112.6 225.3	-310.39 -368.32 -426.90	86.40 12.32 -62.60	-0.05 -0.05 -0.05	-3.84e-03 -3.84e-03 -3.84e-03	10.61 5.30 0.0	-2743.51 2823.79 0.0
127	4	341.48 -5491.42	14.04 -2.63	-0.01 -0.01	-240.70 0.0	0.0 63.5 127.0	-705.66 -612.64 -517.44	147.69 28.73 -93.01	0.13 0.13 0.13	-2.71 -2.71 -2.71	-2.63 5.70 14.04	-5491.42 124.68 -1901.53
127	5	90.03 -1219.66	5.83 -2.84	-5.06e-03 -7.54e-03	-57.28 0.0	0.0 63.5 127.0	-188.69 -166.51 -143.90	34.20 5.83 -23.08	0.07 0.07 0.07	-1.22 -1.22 -1.22	-2.84 1.49 5.83	-1219.66 54.34 -490.24
127	9	341.30 -5477.40	9.36 -4.19	-0.01 -0.01	-240.15 0.0	0.0 63.5 127.0	-707.17 -614.36 -519.37	147.35 28.65 -92.81	0.11 0.11 0.11	-1.94 -1.94 -1.94	-4.19 2.58 9.36	-5477.40 125.17 -1897.13
127	11	410.94 -6692.80	12.88 -3.38	-0.02 -0.01	-291.87 0.0	0.0 63.5 127.0	-849.45 -736.67 -621.21	179.46 35.23 -112.41	0.13 0.13 0.13	-2.54 -2.54 -2.54	-3.38 4.75 12.88	-6692.80 141.77 -2290.50
127	19	112.83 -1748.63	49.31 -1046.56	-5.10e-03 -0.02	-80.33 0.0	0.0 63.5 127.0	-248.61 -217.53 -185.80	47.51 7.76 -32.82	8.51 8.51 8.51	-6.81 -6.81 -6.81	-1046.56 -498.63 49.31	-1748.63 57.69 -686.43
127	22	129.34 -1774.18	1041.60 -34.71	-7.35e-03 -1.66e-03	-80.33 0.0	0.0 63.5 127.0	-255.59 -224.51 -192.77	49.52 9.78 -30.80	-8.36 -8.36 -8.36	3.87 3.87 3.87	1041.60 503.45 -34.71	-1774.18 65.79 -644.67
127	40	62.88 -1975.64	23.18 -228.66	-6.97e-03 -0.02	-80.33 0.0	0.0 63.5	-253.83 -222.75	50.26 10.51	1.94 1.94	-2.08 -2.08	-228.66 -102.74	-1975.64 -27.67

						127.0	-191.02	-30.07	1.94	-2.08	23.18	-630.14
127	41	185.20	223.70	-5.48e-03	-80.33	0.0	-250.37	46.77	-1.78	-0.87	223.70	-1547.16
		-1547.16	-8.58	-2.11e-04	0.0	63.5	-219.29	7.03	-1.78	-0.87	107.56	151.15
						127.0	-187.55	-33.55	-1.78	-0.87	-8.58	-700.96
127	51	110.60	60.62	-4.79e-03	-80.33	0.0	-247.67	47.24	10.76	-8.18	-1323.81	-1745.17
		-1745.17	-1323.81	-0.02	0.0	63.5	-216.59	7.49	10.76	-8.18	-631.59	56.60
						127.0	-184.85	-33.09	10.76	-8.18	60.62	-692.07
127	54	131.57	1318.85	-7.66e-03	-80.33	0.0	-256.53	49.80	-10.60	5.24	1318.85	-1777.64
		-1777.64	-46.02	-1.09e-03	0.0	63.5	-225.45	10.05	-10.60	5.24	636.42	66.88
						127.0	-193.72	-30.53	-10.60	5.24	-46.02	-639.03
127	72	47.15	27.41	-7.17e-03	-80.33	0.0	-254.30	50.73	2.44	-2.24	-289.43	-2033.53
		-2033.53	-289.43	-0.02	0.0	63.5	-223.22	10.98	2.44	-2.24	-131.01	-51.83
						127.0	-191.49	-29.60	2.44	-2.24	27.41	-620.57
127	73	205.14	284.47	-5.28e-03	-80.33	0.0	-249.90	46.30	-2.28	-0.71	284.47	-1489.28
		-1489.28	-12.80	2.28e-03	0.0	63.5	-218.82	6.55	-2.28	-0.71	135.83	175.31
						127.0	-187.08	-34.03	-2.28	-0.71	-12.80	-710.53
127	79	101.18	6.29	-5.47e-03	-65.55	0.0	-211.45	39.34	0.07	-1.30	-2.71	-1414.14
		-1414.14	-2.71	-7.75e-03	0.0	63.5	-186.07	6.89	0.07	-1.30	1.79	57.00
						127.0	-160.19	-26.21	0.07	-1.30	6.29	-553.16
127	82	233.71	9.89	-0.01	-163.69	0.0	-483.46	100.28	0.10	-1.93	-2.20	-3719.85
		-3719.85	-2.20	-9.44e-03	0.0	63.5	-420.19	19.37	0.10	-1.93	3.84	88.95
						127.0	-355.46	-63.41	0.10	-1.93	9.89	-1299.50
127	83	233.59	6.77	-9.90e-03	-163.33	0.0	-484.47	100.05	0.08	-1.42	-3.24	-3710.50
		-3710.50	-3.24	-8.13e-03	0.0	63.5	-421.34	19.32	0.08	-1.42	1.76	89.27
						127.0	-356.75	-63.28	0.08	-1.42	6.77	-1296.57
127	85	280.02	9.12	-0.01	-197.80	0.0	-579.32	121.46	0.09	-1.82	-2.70	-4520.77
		-4520.77	-2.70	-9.18e-03	0.0	63.5	-502.88	23.71	0.09	-1.82	3.21	100.34
						127.0	-424.64	-76.34	0.09	-1.82	9.12	-1558.81
127	86	101.18	6.29	-5.47e-03	-65.55	0.0	-211.45	39.34	0.07	-1.30	-2.71	-1414.14
		-1414.14	-2.71	-7.75e-03	0.0	63.5	-186.07	6.89	0.07	-1.30	1.79	57.00
						127.0	-160.19	-26.21	0.07	-1.30	6.29	-553.16
127	87	134.35	7.97	-6.72e-03	-90.18	0.0	-279.20	54.63	0.08	-1.59	-2.32	-1992.91
		-1992.91	-2.32	-8.50e-03	0.0	63.5	-244.32	10.02	0.08	-1.59	2.82	64.90
						127.0	-208.68	-35.55	0.08	-1.59	7.97	-740.48
127	88	127.67	6.39	-6.36e-03	-85.11	0.0	-266.05	51.48	0.07	-1.32	-2.82	-1873.41
		-1873.41	-2.82	-7.83e-03	0.0	63.5	-233.12	9.37	0.07	-1.32	1.78	63.45
						127.0	-199.50	-33.63	0.07	-1.32	6.39	-701.84
127	90	147.56	7.40	-7.11e-03	-99.88	0.0	-306.70	60.66	0.08	-1.50	-2.59	-2220.67
		-2220.67	-2.59	-8.28e-03	0.0	63.5	-268.07	11.25	0.08	-1.50	2.41	68.20
						127.0	-228.60	-39.23	0.08	-1.50	7.40	-814.23
127	91	101.18	6.29	-5.47e-03	-65.55	0.0	-211.45	39.34	0.07	-1.30	-2.71	-1414.14
		-1414.14	-2.71	-7.75e-03	0.0	63.5	-186.07	6.89	0.07	-1.30	1.79	57.00
						127.0	-160.19	-26.21	0.07	-1.30	6.29	-553.16
127	92	121.08	7.30	-6.22e-03	-80.33	0.0	-252.10	48.52	0.08	-1.47	-2.48	-1761.40
		-1761.40	-2.48	-8.20e-03	0.0	63.5	-221.02	8.77	0.08	-1.47	2.41	61.74
						127.0	-189.29	-31.81	0.08	-1.47	7.30	-665.55
128	5	1705.89	0.0	-0.01	-101.08	0.0	-545.48	62.10	4.27	82.52	-962.94	-2560.67
		-2560.67	-962.94	4.40e-03	0.0	112.6	-585.22	11.27	4.27	82.52	-481.47	1566.18
						225.3	-624.52	-38.99	4.27	82.52	0.0	0.0
128	11	8577.42	0.0	-0.05	-514.48	0.0	-951.89	317.47	21.43	392.81	-4827.00	-1.331e+04
		-1.331e+04	-4827.00	-0.04	0.0	112.6	-1154.42	58.47	21.43	392.81	-2413.50	7835.29
						225.3	-1354.20	-197.01	21.43	392.81	0.0	0.0
128	20	2442.96	0.0	-0.01	-141.70	0.0	-593.64	86.45	7.25	128.87	-1634.30	-3450.98
		-3450.98	-1634.30	-8.01e-03	0.0	112.6	-649.38	15.18	7.25	128.87	-817.15	2264.75
						225.3	-704.45	-55.25	7.25	128.87	0.0	0.0
128	28	2440.75	0.0	-0.01	-141.70	0.0	-590.23	86.48	7.66	126.55	-1724.48	-3456.88
		-3456.88	-1724.48	-7.18e-03	0.0	112.6	-645.96	15.20	7.66	126.55	-862.24	2261.80
						225.3	-701.03	-55.22	7.66	126.55	0.0	0.0
128	39	2248.83	0.0	-0.02	-141.70	0.0	-926.84	88.75	5.75	110.58	-1295.89	-3968.66
		-3968.66	-1295.89	8.42e-03	0.0	112.6	-982.58	17.47	5.75	110.58	-647.95	2005.91
						225.3	-1037.64	-52.95	5.75	110.58	0.0	0.0
128	40	2526.64	0.0	-0.01	-141.70	0.0	-307.00	85.46	6.86	124.69	-1545.08	-3227.83
		-3227.83	-1545.08	-0.01	0.0	112.6	-362.74	14.19	6.86	124.69	-772.54	2376.33
						225.3	-417.81	-56.24	6.86	124.69	0.0	0.0
128	41	2237.22	0.0	-0.02	-141.70	0.0	-867.10	88.89	5.08	102.76	-1144.66	-3999.63
		-3999.63	-1144.66	0.01	0.0	112.6	-922.83	17.61	5.08	102.76	-572.33	1990.43
						225.3	-977.90	-52.81	5.08	102.76	0.0	0.0
128	42	2515.03	0.0	-0.01	-141.70	0.0	-247.26	85.60	6.19	116.87	-1393.85	-3258.80
		-3258.80	-1393.85	-9.30e-03	0.0	112.6	-303.00	14.32	6.19	116.87	-696.93	2360.84
						225.3	-358.07	-56.10	6.19	116.87	0.0	0.0
128	52	2459.32	0.0	-0.01	-141.70	0.0	-595.40	86.26	7.60	132.97	-1712.59	-3407.35
		-3407.35	-1712.59	-9.94e-03	0.0	112.6	-651.14	14.98	7.60	132.97	-856.29	2286.57
						225.3	-706.20	-55.44	7.60	132.97	0.0	0.0
128	60	2456.61	0.0	-0.01	-141.70	0.0	-591.07	86.29	8.11	130.02	-1827.35	-3414.58
		-3414.58	-1827.35	-8.89e-03	0.0	112.6	-646.80	15.01	8.11	130.02	-913.67	2282.95
						225.3	-701.87	-55.41	8.11	130.02	0.0	0.0
128	71	2212.82	0.0	-0.03	-141.70	0.0	-1018.65	89.18	5.69	109.72	-1282.60	-4064.68

		-4064.68	-1282.60	0.01	0.0	112.6	-1074.39	17.90	5.69	109.72	-641.30	1957.90
						225.3	-1129.46	-52.52	5.69	109.72	0.0	0.0
128	72	2565.71	0.0	9.82e-03	-141.70	0.0	-231.32	85.00	7.10	127.65	-1599.27	-3123.65
		-3123.65	-1599.27	-0.01	0.0	112.6	-287.05	13.72	7.10	127.65	-799.64	2428.42
						225.3	-342.12	-56.70	7.10	127.65	0.0	0.0
128	73	2198.15	0.0	-0.03	-141.70	0.0	-942.78	89.35	4.84	99.79	-1090.47	-4103.81
		-4103.81	-1090.47	0.01	0.0	112.6	-998.52	18.07	4.84	99.79	-545.24	1938.33
						225.3	-1053.59	-52.35	4.84	99.79	0.0	0.0
128	74	2551.03	0.0	-9.25e-03	-141.70	0.0	-155.45	85.17	6.25	117.72	-1407.15	-3162.78
		-3162.78	-1407.15	-0.01	0.0	112.6	-211.19	13.90	6.25	117.72	-703.57	2408.85
						225.3	-266.25	-56.53	6.25	117.72	0.0	0.0
128	79	1948.54	0.0	-0.01	-115.66	0.0	-561.05	71.10	4.88	93.62	-1099.66	-2938.78
		-2938.78	-1099.66	4.25e-03	0.0	112.6	-606.54	12.93	4.88	93.62	-549.83	1787.70
						225.3	-651.50	-44.57	4.88	93.62	0.0	0.0
128	85	5816.32	0.0	-0.04	-348.69	0.0	-699.01	215.13	14.53	266.96	-3273.48	-9009.78
		-9009.78	-3273.48	-0.02	0.0	112.6	-836.27	39.60	14.53	266.96	-1636.74	5314.21
						225.3	-971.68	-133.57	14.53	266.96	0.0	0.0
128	86	1948.54	0.0	-0.01	-115.66	0.0	-561.05	71.10	4.88	93.62	-1099.66	-2938.78
		-2938.78	-1099.66	4.25e-03	0.0	112.6	-606.54	12.93	4.88	93.62	-549.83	1787.70
						225.3	-651.50	-44.57	4.88	93.62	0.0	0.0
128	90	2953.24	0.0	-0.02	-176.16	0.0	-602.51	108.48	7.39	139.01	-1665.20	-4512.95
		-4512.95	-1665.20	-4.79e-03	0.0	112.6	-671.82	19.85	7.39	139.01	-832.60	2704.03
						225.3	-740.26	-67.68	7.39	139.01	0.0	0.0
128	91	1948.54	0.0	-0.01	-115.66	0.0	-561.05	71.10	4.88	93.62	-1099.66	-2938.78
		-2938.78	-1099.66	4.25e-03	0.0	112.6	-606.54	12.93	4.88	93.62	-549.83	1787.70
						225.3	-651.50	-44.57	4.88	93.62	0.0	0.0
128	92	2381.93	0.0	-0.02	-141.70	0.0	-587.05	87.18	5.97	113.72	-1344.87	-3613.73
		-3613.73	-1344.87	4.18e-03	0.0	112.6	-642.79	15.90	5.97	113.72	-672.44	2183.38
						225.3	-697.86	-54.52	5.97	113.72	0.0	0.0
129	4	511.34	-3676.89	9.90e-03	-192.86	0.0	-664.08	134.37	2.47	-53.70	-3990.90	-4504.47
		-4504.47	-3990.90	-0.06	0.0	63.5	-576.97	22.98	2.47	-53.70	-3833.90	332.96
						127.0	-513.27	-58.49	2.47	-53.70	-3676.89	-952.87
129	5	241.56	-912.60	-1.32e-03	-47.91	0.0	-414.89	31.17	0.57	-13.04	-984.48	-875.63
		-875.63	-984.48	-0.02	0.0	63.5	-393.87	4.29	0.57	-13.04	-948.54	219.28
						127.0	-377.42	-16.74	0.57	-13.04	-912.60	-206.95
129	11	557.86	-4438.77	0.01	-233.05	0.0	-641.37	163.47	2.98	-64.44	-4817.58	-5572.32
		-5572.32	-4817.58	-0.07	0.0	63.5	-535.87	28.55	2.98	-64.44	-4628.18	329.73
						127.0	-459.13	-69.58	2.98	-64.44	-4438.77	-1167.48
129	12	392.16	-3102.77	9.59e-03	-163.11	0.0	-426.11	114.32	2.06	-44.55	-3364.33	-3896.80
		-3896.80	-3364.33	-0.05	0.0	63.5	-352.36	19.99	2.06	-44.55	-3233.55	232.37
						127.0	-298.57	-48.79	2.06	-44.55	-3102.77	-817.06
129	19	301.19	-941.10	-9.27e-04	-66.02	0.0	-401.63	42.85	6.45	-14.62	-1769.44	-1223.01
		-1223.01	-1769.44	-0.03	0.0	63.5	-372.31	5.36	6.45	-14.62	-1355.27	273.19
						127.0	-350.00	-23.17	6.45	-14.62	-941.10	-326.59
129	20	321.67	-856.41	1.89e-03	-66.02	0.0	-584.39	44.19	6.86	-17.24	-1718.35	-1306.69
		-1306.69	-1718.35	-0.03	0.0	63.5	-555.08	6.71	6.86	-17.24	-1287.38	275.76
						127.0	-532.77	-21.83	6.86	-17.24	-856.41	-237.78
129	40	322.99	-1009.46	4.11e-03	-66.02	0.0	-763.67	46.19	3.26	-21.91	-1391.13	-1454.06
		-1454.06	-1391.13	-0.03	0.0	63.5	-734.36	8.71	3.26	-21.91	-1200.29	247.34
						127.0	-712.05	-19.83	3.26	-21.91	-1009.46	-147.24
129	42	300.00	-1161.73	3.84e-03	-66.02	0.0	-734.58	46.56	-0.25	-23.29	-1161.73	-1496.69
		-1496.69	-1225.33	-0.03	0.0	63.5	-705.26	9.08	-0.25	-23.29	-1193.53	220.43
						127.0	-682.95	-19.45	-0.25	-23.29	-1225.33	-158.45
129	44	318.77	-1029.10	3.95e-03	-66.02	0.0	-768.88	46.28	2.91	-21.38	-1366.63	-1462.12
		-1462.12	-1366.63	-0.03	0.0	63.5	-739.57	8.79	2.91	-21.38	-1197.87	242.35
						127.0	-717.26	-19.74	2.91	-21.38	-1029.10	-149.15
129	45	236.16	-1356.51	-3.23e-03	-66.02	0.0	-120.15	42.01	-1.29	-15.09	-1356.51	-1209.68
		-1209.68	-1487.98	-0.02	0.0	63.5	-90.84	4.52	-1.29	-15.09	-1422.24	216.87
						127.0	-68.52	-24.01	-1.29	-15.09	-1487.98	-452.56
129	51	310.50	-855.30	-1.05e-03	-66.02	0.0	-390.05	42.50	7.97	-13.64	-1879.63	-1192.62
		-1192.62	-1879.63	-0.03	0.0	63.5	-360.74	5.02	7.97	-13.64	-1367.46	284.85
						127.0	-338.43	-23.51	7.97	-13.64	-855.30	-333.66
129	52	335.16	-747.73	2.30e-03	-66.02	0.0	-622.21	44.20	8.50	-16.97	-1814.76	-1298.93
		-1298.93	-1814.76	-0.03	0.0	63.5	-592.90	6.72	8.50	-16.97	-1281.25	288.10
						127.0	-570.59	-21.81	8.50	-16.97	-747.73	-220.85
129	72	336.92	-942.16	5.12e-03	-66.02	0.0	-849.93	46.74	3.92	-22.90	-1399.14	-1486.04
		-1486.04	-1399.14	-0.03	0.0	63.5	-820.62	9.26	3.92	-22.90	-1170.65	252.09
						127.0	-798.31	-19.27	3.92	-22.90	-942.16	-105.76
129	74	307.80	-1107.76	4.78e-03	-66.02	0.0	-812.96	47.22	-0.54	-24.66	-1107.76	-1540.12
		-1540.12	-1216.37	-0.03	0.0	63.5	-783.65	9.73	-0.54	-24.66	-1162.07	217.97
						127.0	-761.34	-18.80	-0.54	-24.66	-1216.37	-119.92
129	76	331.59	-967.06	4.92e-03	-66.02	0.0	-856.55	46.86	3.48	-22.23	-1368.08	-1496.27
		-1496.27	-1368.08	-0.03	0.0	63.5	-827.24	9.37	3.48	-22.23	-1167.57	245.78
						127.0	-804.93	-19.16	3.48	-22.23	-967.06	-108.17
129	77	228.05	-1355.06	-4.20e-03	-66.02	0.0	-32.48	41.43	-1.85	-14.24	-1355.06	-1175.54
		-1175.54	-1550.02	-0.02	0.0	63.5	-3.17	3.94	-1.85	-14.24	-1452.54	213.45
						127.0	19.15	-24.59	-1.85	-14.24	-1550.02	-493.54

129	79	251.85	-1036.40	-9.82e-04	-54.41	0.0	-425.64	35.83	0.65	-14.89	-1119.41	-1040.74
		-1040.74	-1119.41	-0.02	0.0	63.5	-401.64	5.14	0.65	-14.89	-1077.91	223.10
						127.0	-383.09	-18.58	0.65	-14.89	-1036.40	-240.56
129	82	367.11	-2506.92	6.15e-03	-131.49	0.0	-492.31	91.25	1.68	-36.55	-2719.90	-3031.67
		-3031.67	-2719.90	-0.04	0.0	63.5	-433.02	15.44	1.68	-36.55	-2613.41	249.18
						127.0	-389.48	-40.24	1.68	-36.55	-2506.92	-644.91
129	83	352.76	-2496.52	6.56e-03	-131.21	0.0	-433.12	91.26	1.65	-35.90	-2705.98	-3054.86
		-3054.86	-2705.98	-0.04	0.0	63.5	-373.97	15.61	1.65	-35.90	-2601.25	231.82
						127.0	-330.52	-39.95	1.65	-35.90	-2496.52	-647.30
129	85	398.12	-3014.83	8.78e-03	-158.29	0.0	-477.17	110.65	2.02	-43.71	-3271.03	-3743.57
		-3743.57	-3271.03	-0.05	0.0	63.5	-405.62	19.15	2.02	-43.71	-3142.93	247.02
						127.0	-353.39	-47.63	2.02	-43.71	-3014.83	-787.99
129	86	251.85	-1036.40	-9.82e-04	-54.41	0.0	-425.64	35.83	0.65	-14.89	-1119.41	-1040.74
		-1040.74	-1119.41	-0.02	0.0	63.5	-401.64	5.14	0.65	-14.89	-1077.91	223.10
						127.0	-383.09	-18.58	0.65	-14.89	-1036.40	-240.56
129	87	284.25	-1406.63	9.92e-04	-73.75	0.0	-457.10	49.68	0.92	-20.47	-1523.01	-1532.68
		-1532.68	-1523.01	-0.03	0.0	63.5	-424.25	7.67	0.92	-20.47	-1464.82	233.96
						127.0	-399.43	-24.07	0.92	-20.47	-1406.63	-341.05
129	88	272.03	-1328.43	8.39e-04	-69.77	0.0	-427.13	46.91	0.85	-19.09	-1436.72	-1443.57
		-1443.57	-1436.72	-0.03	0.0	63.5	-396.10	7.23	0.85	-19.09	-1382.57	224.84
						127.0	-372.58	-22.85	0.85	-19.09	-1328.43	-321.91
129	90	291.47	-1550.56	1.79e-03	-81.37	0.0	-446.01	55.23	1.01	-22.44	-1678.89	-1738.73
		-1738.73	-1678.89	-0.03	0.0	63.5	-409.67	8.75	1.01	-22.44	-1614.72	231.36
						127.0	-382.38	-26.15	1.01	-22.44	-1550.56	-382.20
129	91	251.85	-1036.40	-9.82e-04	-54.41	0.0	-425.64	35.83	0.65	-14.89	-1119.41	-1040.74
		-1040.74	-1119.41	-0.02	0.0	63.5	-401.64	5.14	0.65	-14.89	-1077.91	223.10
						127.0	-383.09	-18.58	0.65	-14.89	-1036.40	-240.56
129	92	271.29	-1258.54	-4.87e-04	-66.02	0.0	-444.52	44.14	0.81	-18.24	-1361.57	-1335.90
		-1335.90	-1361.57	-0.03	0.0	63.5	-415.20	6.66	0.81	-18.24	-1310.06	229.61
						127.0	-392.89	-21.87	0.81	-18.24	-1258.54	-300.86
130	5	5165.72	12.04	-0.05	-149.48	0.0	460.61	77.51	-0.03	-6.05	12.04	-4694.31
		-4694.31	0.0	8.28e-03	0.0	180.2	414.71	16.67	-0.03	-6.05	6.02	4901.40
						360.3	347.85	-71.97	-0.03	-6.05	0.0	0.0
130	11	2.644e+04	111.08	-0.30	-748.36	0.0	901.84	376.26	-0.31	-23.97	111.08	-2.411e+04
		-2.411e+04	0.0	0.01	0.0	180.2	685.85	89.93	-0.31	-23.97	55.54	2.491e+04
						360.3	337.31	-372.10	-0.31	-23.97	0.0	0.0
130	12	1.852e+04	77.58	-0.21	-524.75	0.0	623.99	264.15	-0.22	-16.99	77.58	-1.690e+04
		-1.690e+04	0.0	8.68e-03	0.0	180.2	472.21	62.94	-0.22	-16.99	38.79	1.745e+04
						360.3	228.15	-260.60	-0.22	-16.99	0.0	0.0
130	23	7179.92	19.91	-0.08	-207.73	0.0	515.75	106.92	-0.06	-12.75	19.91	-6746.35
		-6746.35	0.0	0.02	0.0	180.2	453.42	24.29	-0.06	-12.75	9.95	6771.17
						360.3	359.05	-100.81	-0.06	-12.75	0.0	0.0
130	24	7182.95	0.0	-0.08	-207.73	0.0	522.52	106.90	0.05	-5.20	-16.51	-6738.26
		-6738.26	-16.51	4.44e-03	0.0	180.2	460.18	24.27	0.05	-5.20	-8.26	6775.21
						360.3	365.81	-100.83	0.05	-5.20	0.0	0.0
130	25	7298.91	59.99	-0.08	-207.73	0.0	490.75	106.04	-0.17	-10.26	59.99	-6429.03
		-6429.03	0.0	0.01	0.0	180.2	428.42	23.41	-0.17	-10.26	30.00	6929.83
						360.3	334.05	-101.69	-0.17	-10.26	0.0	0.0
130	26	7301.95	23.58	-0.08	-207.73	0.0	497.52	106.02	-0.07	-2.71	23.58	-6420.94
		-6420.94	0.0	1.99e-03	0.0	180.2	435.19	23.39	-0.07	-2.71	11.79	6933.87
						360.3	340.82	-101.71	-0.07	-2.71	0.0	0.0
130	36	7228.14	0.0	-0.08	-207.73	0.0	521.66	106.56	0.12	4.48	-44.97	-6617.75
		-6617.75	-44.97	-9.39e-03	0.0	180.2	459.33	23.93	0.12	4.48	-22.49	6835.47
						360.3	364.96	-101.17	0.12	4.48	0.0	0.0
130	37	7253.72	88.45	-0.08	-207.73	0.0	491.61	106.37	-0.25	-19.94	88.45	-6549.54
		-6549.54	0.0	0.03	0.0	180.2	429.28	23.74	-0.25	-19.94	44.23	6869.57
						360.3	334.91	-101.36	-0.25	-19.94	0.0	0.0
130	55	7163.37	19.41	-0.08	-207.73	0.0	518.12	107.04	-0.05	-14.11	19.41	-6790.49
		-6790.49	0.0	0.02	0.0	180.2	455.78	24.41	-0.05	-14.11	9.70	6749.10
						360.3	361.42	-100.69	-0.05	-14.11	0.0	0.0
130	56	7167.22	0.0	-0.08	-207.73	0.0	526.71	107.01	0.07	-4.51	-26.86	-6780.21
		-6780.21	-26.86	3.27e-03	0.0	180.2	464.38	24.38	0.07	-4.51	-13.43	6754.24
						360.3	370.01	-100.72	0.07	-4.51	0.0	0.0
130	57	7314.65	70.34	-0.08	-207.73	0.0	486.56	105.92	-0.20	-10.94	70.34	-6387.08
		-6387.08	0.0	0.01	0.0	180.2	424.23	23.29	-0.20	-10.94	35.17	6950.80
						360.3	329.86	-101.81	-0.20	-10.94	0.0	0.0
130	58	7318.50	24.08	-0.08	-207.73	0.0	495.15	105.89	-0.07	-1.35	24.08	-6376.80
		-6376.80	0.0	1.57e-04	0.0	180.2	432.82	23.26	-0.07	-1.35	12.04	6955.94
						360.3	338.45	-101.84	-0.07	-1.35	0.0	0.0
130	68	7224.67	0.0	-0.08	-207.73	0.0	525.69	106.59	0.17	7.78	-63.00	-6627.03
		-6627.03	-63.00	-0.01	0.0	180.2	463.36	23.96	0.17	7.78	-31.50	6830.83
						360.3	368.99	-101.14	0.17	7.78	0.0	0.0
130	69	7257.20	106.48	-0.08	-207.73	0.0	487.58	106.35	-0.30	-23.24	106.48	-6540.26
		-6540.26	0.0	0.03	0.0	180.2	425.25	23.72	-0.30	-23.24	53.24	6874.21
						360.3	330.88	-101.38	-0.30	-23.24	0.0	0.0
130	79	5909.84	15.43	-0.06	-170.39	0.0	478.46	87.91	-0.04	-6.65	15.43	-5374.74
		-5374.74	0.0	8.44e-03	0.0	180.2	426.67	19.25	-0.04	-6.65	7.72	5600.70

130	83	1.481e+04	59.13	-0.17	-420.57	360.3	349.93	-82.48	-0.04	-6.65	0.0	0.0
		-1.351e+04	0.0	8.70e-03	0.0	0.0	587.39	212.34	-0.16	-13.95	59.13	-1.351e+04
						180.2	465.00	50.10	-0.16	-13.95	29.56	1.397e+04
130	85	1.792e+04	73.85	-0.20	-507.69	360.3	270.13	-208.23	-0.16	-13.95	0.0	0.0
		-1.633e+04	0.0	9.48e-03	0.0	0.0	653.12	255.63	-0.20	-16.47	73.85	-1.633e+04
						180.2	506.15	60.80	-0.20	-16.47	36.92	1.689e+04
130	86	5909.84	15.43	-0.06	-170.39	360.3	270.14	-252.06	-0.20	-16.47	0.0	0.0
		-5374.74	0.0	8.44e-03	0.0	0.0	478.46	87.91	-0.04	-6.65	15.43	-5374.74
						180.2	426.67	19.25	-0.04	-6.65	7.72	5600.70
130	88	7690.72	24.17	-0.08	-220.43	360.3	349.93	-82.48	-0.04	-6.65	0.0	0.0
		-7002.43	0.0	8.49e-03	0.0	0.0	500.25	112.80	-0.07	-8.11	24.17	-7002.43
						180.2	434.33	25.42	-0.07	-8.11	12.09	7274.38
130	90	9021.81	30.48	-0.10	-257.76	360.3	333.97	-107.63	-0.07	-8.11	0.0	0.0
		-8211.34	0.0	8.83e-03	0.0	0.0	528.42	131.35	-0.08	-9.19	30.48	-8211.34
						180.2	451.97	30.01	-0.08	-9.19	15.24	8526.20
130	91	5909.84	15.43	-0.06	-170.39	360.3	333.97	-126.41	-0.08	-9.19	0.0	0.0
		-5374.74	0.0	8.44e-03	0.0	0.0	478.46	87.91	-0.04	-6.65	15.43	-5374.74
						180.2	426.67	19.25	-0.04	-6.65	7.72	5600.70
130	92	7240.93	21.74	-0.08	-207.73	360.3	349.93	-82.48	-0.04	-6.65	0.0	0.0
		-6583.64	0.0	8.77e-03	0.0	0.0	506.64	106.47	-0.06	-7.73	21.74	-6583.64
						180.2	444.30	23.84	-0.06	-7.73	10.87	6852.52
131	1	7911.40	13.77	-0.07	-237.07	360.3	349.93	-101.26	-0.06	-7.73	0.0	0.0
		-7689.65	0.0	-0.02	0.0	0.0	689.24	114.90	0.04	8.33	0.0	0.0
						176.3	801.21	-28.49	0.04	8.33	6.88	7413.98
131	4	2.053e+04	5.52	-0.22	-601.74	352.6	874.36	-122.17	0.04	8.33	13.77	-7689.65
		-1.940e+04	0.0	-0.02	0.0	0.0	706.38	299.29	0.02	15.11	0.0	0.0
						176.3	998.39	-74.67	0.02	15.11	2.76	1.920e+04
131	11	2.491e+04	0.65	-0.27	-728.30	352.6	1176.25	-302.45	0.02	15.11	5.52	-1.940e+04
		-2.344e+04	0.0	-0.02	0.0	0.0	599.87	363.36	1.85e-03	17.52	0.0	0.0
						176.3	954.36	-90.63	1.85e-03	17.52	0.33	2.331e+04
131	12	1.740e+04	0.0	-0.19	-509.09	352.6	1168.56	-364.95	1.85e-03	17.52	0.65	-2.344e+04
		-1.636e+04	-0.79	-0.01	0.0	0.0	356.49	253.71	-2.25e-03	12.54	0.0	0.0
						176.3	603.93	-63.17	-2.25e-03	12.54	-0.40	1.629e+04
131	14	2.184e+04	0.0	-0.24	-637.30	352.6	754.01	-255.37	-2.25e-03	12.54	-0.79	-1.636e+04
		-2.050e+04	-2.61	-0.01	0.0	0.0	423.08	318.50	-7.41e-03	14.90	0.0	0.0
						176.3	733.81	-79.44	-7.41e-03	14.90	-1.31	2.043e+04
131	20	6852.64	0.0	-0.06	-203.22	352.6	920.71	-318.80	-7.41e-03	14.90	-2.61	-2.050e+04
		-6463.28	-24.52	-0.02	0.0	0.0	628.08	99.27	-0.07	1.73	0.0	0.0
						176.3	724.51	-24.21	-0.07	1.73	-12.26	6437.93
131	21	6760.32	44.58	-0.06	-203.22	352.6	786.76	-103.94	-0.07	1.73	-24.52	-6463.28
		-6709.46	0.0	-9.21e-03	0.0	0.0	454.92	98.58	0.13	11.82	0.0	0.0
						176.3	551.34	-24.91	0.13	11.82	22.29	6314.83
131	24	6851.87	0.0	-0.06	-203.22	352.6	613.60	-104.64	0.13	11.82	44.58	-6709.46
		-6465.34	-5.92	-0.01	0.0	0.0	635.76	99.27	-0.02	3.40	0.0	0.0
						176.3	732.18	-24.22	-0.02	3.40	-2.96	6436.90
131	25	6761.09	25.98	-0.06	-203.22	352.6	794.44	-103.95	-0.02	3.40	-5.92	-6465.34
		-6707.40	0.0	-0.01	0.0	0.0	447.24	98.58	0.07	10.14	0.0	0.0
						176.3	543.67	-24.90	0.07	10.14	12.99	6315.86
131	40	6828.53	0.0	-0.06	-203.22	352.6	605.92	-104.63	0.07	10.14	25.98	-6707.40
		-6527.57	-34.63	-0.01	0.0	0.0	589.70	99.09	-0.10	-13.62	0.0	0.0
						176.3	686.12	-24.39	-0.10	-13.62	-17.32	6405.78
131	41	6784.43	54.69	-0.06	-203.22	352.6	748.38	-104.12	-0.10	-13.62	-34.63	-6527.57
		-6645.17	0.0	-0.01	0.0	0.0	493.30	98.76	0.16	27.17	0.0	0.0
						176.3	589.73	-24.73	0.16	27.17	27.35	6346.98
131	52	6865.13	0.0	-0.06	-203.22	352.6	651.98	-104.46	0.16	27.17	54.69	-6645.17
		-6429.98	-33.86	-0.02	0.0	0.0	651.48	99.37	-0.10	0.35	0.0	0.0
						176.3	747.91	-24.12	-0.10	0.35	-16.93	6454.58
131	53	6747.83	53.92	-0.06	-203.22	352.6	810.16	-103.85	-0.10	0.35	-33.86	-6429.98
		-6742.76	0.0	-8.33e-03	0.0	0.0	431.52	98.48	0.15	13.19	0.0	0.0
						176.3	527.94	-25.00	0.15	13.19	26.96	6298.18
131	56	6864.20	0.0	-0.06	-203.22	352.6	590.20	-104.73	0.15	13.19	53.92	-6742.76
		-6432.44	-10.23	-0.01	0.0	0.0	661.23	99.36	-0.03	2.49	0.0	0.0
						176.3	757.65	-24.12	-0.03	2.49	-5.12	6453.35
131	57	6748.75	30.29	-0.06	-203.22	352.6	819.91	-103.85	-0.03	2.49	-10.23	-6432.44
		-6740.31	0.0	-0.01	0.0	0.0	421.77	98.49	0.09	11.06	0.0	0.0
						176.3	518.20	-25.00	0.09	11.06	15.15	6299.41
131	72	6834.51	0.0	-0.06	-203.22	352.6	580.45	-104.73	0.09	11.06	30.29	-6740.31
		-6511.63	-46.75	-0.01	0.0	0.0	602.75	99.14	-0.13	-19.14	0.0	0.0
						176.3	699.18	-24.35	-0.13	-19.14	-23.37	6413.75
131	73	6778.45	66.81	-0.06	-203.22	352.6	761.43	-104.08	-0.13	-19.14	-46.75	-6511.63
		-6661.12	0.0	-0.01	0.0	0.0	480.25	98.71	0.19	32.69	0.0	0.0
						176.3	576.67	-24.77	0.19	32.69	33.40	6339.01
131	79	5540.58	10.55	-0.05	-166.58	352.6	638.93	-104.50	0.19	32.69	66.81	-6661.12
		-5406.22	0.0	-0.01	0.0	0.0	522.48	80.41	0.03	6.10	0.0	0.0
						176.3	600.81	-19.91	0.03	6.10	5.27	5193.99
131	82	1.395e+04	5.05	-0.15	-409.70	352.6	652.55	-86.17	0.03	6.10	10.55	-5406.22
						0.0	533.90	203.34	0.01	10.62	0.0	0.0

		-1.321e+04	0.0	-0.01	0.0	176.3	732.27	-50.70	0.01	10.62	2.53	1.305e+04
						352.6	853.81	-206.36	0.01	10.62	5.05	-1.321e+04
131	83	1.392e+04	3.02	-0.15	-408.59	0.0	418.50	202.85	8.57e-03	10.66	0.0	0.0
		-1.315e+04	0.0	-0.01	0.0	176.3	616.32	-50.49	8.57e-03	10.66	1.51	1.303e+04
						352.6	737.55	-205.74	8.57e-03	10.66	3.02	-1.315e+04
131	85	1.688e+04	1.81	-0.18	-494.07	0.0	462.89	246.05	5.13e-03	12.23	0.0	0.0
		-1.591e+04	0.0	-0.01	0.0	176.3	702.91	-61.34	5.13e-03	12.23	0.90	1.579e+04
						352.6	848.69	-248.02	5.13e-03	12.23	1.81	-1.591e+04
131	86	5540.58	10.55	-0.05	-166.58	0.0	522.48	80.41	0.03	6.10	0.0	0.0
		-5406.22	0.0	-0.01	0.0	176.3	600.81	-19.91	0.03	6.10	5.27	5193.99
						352.6	652.55	-86.17	0.03	6.10	10.55	-5406.22
131	87	7650.41	9.68	-0.07	-227.64	0.0	554.18	111.27	0.03	7.22	0.0	0.0
		-7373.14	0.0	-0.01	0.0	176.3	662.67	-27.66	0.03	7.22	4.84	7164.64
						352.6	731.93	-116.37	0.03	7.22	9.68	-7373.14
131	88	7216.94	9.04	-0.07	-214.99	0.0	501.68	104.90	0.03	7.01	0.0	0.0
		-6955.56	0.0	-0.01	0.0	176.3	603.92	-26.03	0.03	7.01	4.52	6761.26
						352.6	669.55	-110.08	0.03	7.01	9.04	-6955.56
131	90	8482.84	8.52	-0.08	-251.62	0.0	520.71	123.41	0.02	7.69	0.0	0.0
		-8135.71	0.0	-0.01	0.0	176.3	641.03	-30.68	0.02	7.69	4.26	7943.65
						352.6	717.18	-128.20	0.02	7.69	8.52	-8135.71
131	91	5540.58	10.55	-0.05	-166.58	0.0	522.48	80.41	0.03	6.10	0.0	0.0
		-5406.22	0.0	-0.01	0.0	176.3	600.81	-19.91	0.03	6.10	5.27	5193.99
						352.6	652.55	-86.17	0.03	6.10	10.55	-5406.22
131	92	6806.48	10.03	-0.06	-203.22	0.0	541.50	98.93	0.03	6.77	0.0	0.0
		-6586.37	0.0	-0.01	0.0	176.3	637.92	-24.56	0.03	6.77	5.01	6376.38
						352.6	700.18	-104.29	0.03	6.77	10.03	-6586.37
132	5	251.85	92.13	-6.30e-03	-28.87	0.0	-135.98	13.23	0.98	-50.58	0.0	0.0
		-190.54	0.0	-7.54e-03	0.0	46.9	-123.87	-2.45	0.98	-50.58	46.06	242.84
						93.7	-113.67	-15.64	0.98	-50.58	92.13	-190.54
132	11	1031.96	0.0	-0.02	-131.02	0.0	-640.85	58.31	-3.18	-180.13	0.0	0.0
		-1160.65	-297.91	-0.02	0.0	46.9	-584.19	-14.98	-3.18	-180.13	-148.96	954.30
						93.7	-539.57	-72.71	-3.18	-180.13	-297.91	-1160.65
132	15	307.66	0.0	-9.35e-03	-38.78	0.0	-190.19	17.09	-0.70	-58.43	0.0	0.0
		-333.60	-65.82	-7.79e-03	0.0	46.9	-173.73	-4.19	-0.70	-58.43	-32.91	287.41
						93.7	-160.21	-21.69	-0.70	-58.43	-65.82	-333.60
132	18	347.54	167.37	-5.47e-03	-38.78	0.0	-179.32	18.13	1.79	-69.13	0.0	0.0
		-235.92	0.0	-9.81e-03	0.0	46.9	-162.87	-3.15	1.79	-69.13	83.69	336.25
						93.7	-149.35	-20.64	1.79	-69.13	167.37	-235.92
132	31	296.85	0.0	-0.01	-38.78	0.0	-191.64	16.78	-0.31	-52.50	0.0	0.0
		-362.43	-28.83	-6.06e-03	0.0	46.9	-175.19	-4.50	-0.31	-52.50	-14.42	273.00
						93.7	-161.67	-21.99	-0.31	-52.50	-28.83	-362.43
132	34	360.15	130.38	-3.47e-03	-38.78	0.0	-177.87	18.44	1.39	-75.07	0.0	0.0
		-207.10	0.0	-0.01	0.0	46.9	-161.42	-2.84	1.39	-75.07	65.19	350.66
						93.7	-147.89	-20.34	1.39	-75.07	130.38	-207.10
132	47	302.71	0.0	-9.87e-03	-38.78	0.0	-191.65	16.95	-1.04	-56.99	0.0	0.0
		-346.80	-97.33	-7.51e-03	0.0	46.9	-175.20	-4.33	-1.04	-56.99	-48.67	280.81
						93.7	-161.68	-21.83	-1.04	-56.99	-97.33	-346.80
132	50	353.31	198.88	-4.94e-03	-38.78	0.0	-177.86	18.27	2.12	-70.57	0.0	0.0
		-222.73	0.0	-0.01	0.0	46.9	-161.41	-3.01	2.12	-70.57	99.44	342.85
						93.7	-147.88	-20.50	2.12	-70.57	198.88	-222.73
132	63	288.98	0.0	-0.01	-38.78	0.0	-193.50	16.56	-0.54	-49.45	0.0	0.0
		-383.41	-50.35	-5.31e-03	0.0	46.9	-177.05	-4.72	-0.54	-49.45	-25.17	262.51
						93.7	-163.53	-22.22	-0.54	-49.45	-50.35	-383.41
132	66	369.33	151.89	-2.40e-03	-38.78	0.0	-176.01	18.67	1.62	-78.12	0.0	0.0
		-186.12	0.0	-0.01	0.0	46.9	-159.56	-2.62	1.62	-78.12	75.95	361.16
						93.7	-146.03	-20.11	1.62	-78.12	151.89	-186.12
132	79	278.70	78.22	-6.72e-03	-32.42	0.0	-153.41	14.80	0.83	-55.26	0.0	0.0
		-223.97	0.0	-7.96e-03	0.0	46.9	-139.73	-2.88	0.83	-55.26	39.11	267.80
						93.7	-128.34	-17.62	0.83	-55.26	78.22	-223.97
132	85	706.70	0.0	-0.01	-89.30	0.0	-436.07	39.80	-1.91	-124.34	0.0	0.0
		-781.35	-178.91	-0.01	0.0	46.9	-397.52	-10.08	-1.91	-124.34	-89.45	655.26
						93.7	-367.05	-49.50	-1.91	-124.34	-178.91	-781.35
132	86	278.70	78.22	-6.72e-03	-32.42	0.0	-153.41	14.80	0.83	-55.26	0.0	0.0
		-223.97	0.0	-7.96e-03	0.0	46.9	-139.73	-2.88	0.83	-55.26	39.11	267.80
						93.7	-128.34	-17.62	0.83	-55.26	78.22	-223.97
132	87	358.31	32.47	-7.87e-03	-43.01	0.0	-205.66	19.48	0.35	-69.46	0.0	0.0
		-325.30	0.0	-9.35e-03	0.0	46.9	-187.35	-4.20	0.35	-69.46	16.24	341.18
						93.7	-172.41	-23.53	0.35	-69.46	32.47	-325.30
132	90	389.18	12.16	-8.31e-03	-47.19	0.0	-226.66	21.30	0.13	-73.62	0.0	0.0
		-367.87	0.0	-9.60e-03	0.0	46.9	-206.53	-4.74	0.13	-73.62	6.08	368.78
						93.7	-190.18	-25.89	0.13	-73.62	12.16	-367.87
132	91	278.70	78.22	-6.72e-03	-32.42	0.0	-153.41	14.80	0.83	-55.26	0.0	0.0
		-223.97	0.0	-7.96e-03	0.0	46.9	-139.73	-2.88	0.83	-55.26	39.11	267.80
						93.7	-128.34	-17.62	0.83	-55.26	78.22	-223.97
132	92	326.17	50.77	-7.41e-03	-38.78	0.0	-184.76	17.61	0.54	-63.78	0.0	0.0
		-284.76	0.0	-8.80e-03	0.0	46.9	-168.30	-3.67	0.54	-63.78	25.39	311.83
						93.7	-154.78	-21.17	0.54	-63.78	50.77	-284.76

133	5	377.09	0.0	9.72e-03	-35.35	0.0	-113.80	17.75	0.50	46.56	-48.40	-113.02
		-113.02	-48.40	6.24e-03	0.0	48.7	-125.49	1.70	0.50	46.56	-24.20	373.50
						97.3	-139.55	-17.60	0.50	46.56	0.0	0.0
133	11	1669.37	0.0	0.03	-169.69	0.0	-506.43	86.99	3.29	200.46	-320.53	-875.95
		-875.95	-320.53	0.02	0.0	48.7	-560.75	12.43	3.29	200.46	-160.26	1626.35
						97.3	-630.06	-82.70	3.29	200.46	0.0	0.0
133	18	528.27	0.0	0.01	-48.35	0.0	-142.84	23.83	0.59	70.13	-57.35	-127.47
		-127.47	-57.35	5.95e-03	0.0	48.7	-158.65	2.14	0.59	70.13	-28.68	524.53
						97.3	-178.07	-24.52	0.59	70.13	0.0	0.0
133	31	467.10	0.0	0.01	-48.35	0.0	-162.31	25.27	1.01	49.46	-98.17	-267.27
		-267.27	-98.17	0.01	0.0	48.7	-178.12	3.57	1.01	49.46	-49.09	454.63
						97.3	-197.54	-23.09	1.01	49.46	0.0	0.0
133	34	537.32	0.0	0.01	-48.35	0.0	-141.00	23.62	0.55	75.04	-53.17	-106.78
		-106.78	-53.17	2.08e-03	0.0	48.7	-156.80	1.93	0.55	75.04	-26.59	534.88
						97.3	-176.22	-24.74	0.55	75.04	0.0	0.0
133	50	535.31	0.0	0.01	-48.35	0.0	-140.46	23.66	0.54	72.26	-52.40	-111.37
		-111.37	-52.40	5.58e-03	0.0	48.7	-156.27	1.97	0.54	72.26	-26.20	532.58
						97.3	-175.69	-24.69	0.54	72.26	0.0	0.0
133	63	457.62	0.0	0.01	-48.35	0.0	-165.19	25.49	1.07	46.00	-104.25	-288.96
		-288.96	-104.25	0.01	0.0	48.7	-181.00	3.80	1.07	46.00	-52.13	443.79
						97.3	-200.42	-22.87	1.07	46.00	0.0	0.0
133	66	546.81	0.0	0.01	-48.35	0.0	-138.12	23.39	0.48	78.50	-47.09	-85.09
		-85.09	-47.09	6.66e-04	0.0	48.7	-153.92	1.70	0.48	78.50	-23.54	545.72
						97.3	-173.34	-24.96	0.48	78.50	0.0	0.0
133	79	422.06	0.0	0.01	-40.02	0.0	-127.35	20.15	0.59	52.16	-57.88	-139.46
		-139.46	-57.88	6.61e-03	0.0	48.7	-140.51	2.08	0.59	52.16	-28.94	417.09
						97.3	-156.50	-19.87	0.59	52.16	0.0	0.0
133	85	1139.21	0.0	0.02	-115.35	0.0	-345.57	59.08	2.21	136.86	-215.08	-584.94
		-584.94	-215.08	0.01	0.0	48.7	-382.55	8.31	2.21	136.86	-107.54	1110.78
						97.3	-429.60	-56.27	2.21	136.86	0.0	0.0
133	86	422.06	0.0	0.01	-40.02	0.0	-127.35	20.15	0.59	52.16	-57.88	-139.46
		-139.46	-57.88	6.61e-03	0.0	48.7	-140.51	2.08	0.59	52.16	-28.94	417.09
						97.3	-156.50	-19.87	0.59	52.16	0.0	0.0
133	90	608.24	0.0	0.01	-59.53	0.0	-183.96	30.22	1.02	74.48	-98.81	-253.92
		-253.92	-98.81	8.00e-03	0.0	48.7	-203.29	3.68	1.02	74.48	-49.41	597.25
						97.3	-227.32	-29.30	1.02	74.48	0.0	0.0
133	91	422.06	0.0	0.01	-40.02	0.0	-127.35	20.15	0.59	52.16	-57.88	-139.46
		-139.46	-57.88	6.61e-03	0.0	48.7	-140.51	2.08	0.59	52.16	-28.94	417.09
						97.3	-156.50	-19.87	0.59	52.16	0.0	0.0
133	92	502.21	0.0	0.01	-48.35	0.0	-151.65	24.44	0.78	62.25	-75.67	-187.02
		-187.02	-75.67	7.29e-03	0.0	48.7	-167.46	2.75	0.78	62.25	-37.84	494.75
						97.3	-186.88	-23.91	0.78	62.25	0.0	0.0
134	1	449.37	0.0	-9.68e-04	-49.22	0.0	-193.21	23.04	-2.63	100.71	0.0	0.0
		-299.02	-250.23	0.01	0.0	47.5	-172.82	-3.93	-2.63	100.71	-125.12	435.20
						95.0	-156.01	-26.18	-2.63	100.71	-250.23	-299.02
134	5	289.28	0.0	-3.60e-04	-30.94	0.0	-120.85	14.57	-2.18	67.76	0.0	0.0
		-172.01	-207.49	7.15e-03	0.0	47.5	-108.13	-2.26	-2.18	67.76	-103.74	281.62
						95.0	-97.46	-16.37	-2.18	67.76	-207.49	-172.01
134	11	1208.29	11.98	-8.68e-03	-142.92	0.0	-574.76	65.51	0.13	224.00	0.0	0.0
		-1107.52	0.0	0.02	0.0	47.5	-514.29	-14.50	0.13	224.00	5.99	1144.23
						95.0	-466.74	-77.41	0.13	224.00	11.98	-1107.52
134	14	1048.68	54.72	-7.96e-03	-124.65	0.0	-502.40	57.04	0.58	191.05	0.0	0.0
		-980.50	0.0	0.02	0.0	47.5	-449.59	-12.83	0.58	191.05	27.36	990.64
						95.0	-408.19	-67.61	0.58	191.05	54.72	-980.50
134	23	384.85	0.0	-5.77e-04	-41.83	0.0	-162.24	19.70	-1.24	87.72	0.0	0.0
		-247.83	-117.72	7.92e-03	0.0	47.5	-144.86	-3.30	-1.24	87.72	-58.86	373.07
						95.0	-130.62	-22.14	-1.24	87.72	-117.72	-247.83
134	25	382.32	0.0	1.10e-03	-41.83	0.0	-164.93	19.63	-2.88	83.90	0.0	0.0
		-253.61	-273.46	0.01	0.0	47.5	-147.55	-3.36	-2.88	83.90	-136.73	370.18
						95.0	-133.31	-22.20	-2.88	83.90	-273.46	-253.61
134	31	398.37	0.0	3.46e-03	-41.83	0.0	-160.58	20.02	-2.19	93.18	0.0	0.0
		-216.91	-208.35	0.01	0.0	47.5	-143.20	-2.98	-2.19	93.18	-104.17	388.53
						95.0	-128.96	-21.81	-2.19	93.18	-208.35	-216.91
134	34	357.60	0.0	-4.73e-03	-41.83	0.0	-168.88	19.04	-1.63	73.14	0.0	0.0
		-310.11	-155.20	6.62e-03	0.0	47.5	-151.50	-3.96	-1.63	73.14	-77.60	341.93
						95.0	-137.27	-22.79	-1.63	73.14	-155.20	-310.11
134	35	397.02	0.0	3.26e-03	-41.83	0.0	-160.50	19.99	-2.15	92.57	0.0	0.0
		-220.00	-204.47	0.01	0.0	47.5	-143.12	-3.01	-2.15	92.57	-102.23	386.98
						95.0	-128.89	-21.84	-2.15	92.57	-204.47	-220.00
134	38	358.95	0.0	-4.54e-03	-41.83	0.0	-168.96	19.07	-1.67	73.74	0.0	0.0
		-307.03	-159.08	6.42e-03	0.0	47.5	-151.58	-3.92	-1.67	73.74	-79.54	343.47
						95.0	-137.34	-22.76	-1.67	73.74	-159.08	-307.03
134	55	386.70	0.0	-4.97e-04	-41.83	0.0	-161.56	19.74	-1.06	88.95	0.0	0.0
		-243.60	-100.42	7.79e-03	0.0	47.5	-144.18	-3.26	-1.06	88.95	-50.21	375.19
						95.0	-129.95	-22.09	-1.06	88.95	-100.42	-243.60
134	57	383.49	0.0	1.57e-03	-41.83	0.0	-164.98	19.66	-3.14	84.10	0.0	0.0
		-250.93	-298.23	0.01	0.0	47.5	-147.60	-3.33	-3.14	84.10	-149.12	371.52

134	63	403.88	0.0	4.57e-03	-41.83	95.0	-133.37	-22.17	-3.14	84.10	-298.23	-250.93
		-204.32	-215.53	0.01	0.0	0.0	-159.45	20.15	-2.27	95.89	0.0	0.0
						47.5	-142.07	-2.84	-2.27	95.89	-107.76	394.82
134	66	352.63	0.0	-5.84e-03	-41.83	95.0	-127.84	-21.68	-2.27	95.89	-215.53	-204.32
		-322.71	-148.02	6.14e-03	0.0	0.0	-170.01	18.91	-1.56	70.43	0.0	0.0
						47.5	-152.63	-4.09	-1.56	70.43	-74.01	335.63
134	67	402.17	0.0	4.32e-03	-41.83	95.0	-138.39	-22.92	-1.56	70.43	-148.02	-322.71
		-208.25	-210.60	0.01	0.0	0.0	-159.36	20.11	-2.22	95.12	0.0	0.0
						47.5	-141.98	-2.88	-2.22	95.12	-105.30	392.86
134	70	354.10	0.0	-5.59e-03	-41.83	95.0	-127.74	-21.72	-2.22	95.12	-210.60	-208.25
		-318.78	-152.95	5.88e-03	0.0	0.0	-170.10	18.95	-1.61	71.20	0.0	0.0
						47.5	-152.72	-4.05	-1.61	71.20	-76.47	337.59
134	79	321.15	0.0	-5.69e-04	-34.85	95.0	-138.49	-22.88	-1.61	71.20	-152.95	-318.78
		-204.80	-199.01	7.58e-03	0.0	0.0	-136.55	16.35	-2.09	73.25	0.0	0.0
						47.5	-122.15	-2.69	-2.09	73.25	-99.51	311.66
134	83	692.37	0.0	-4.39e-03	-81.04	95.0	-110.21	-18.50	-2.09	73.25	-199.01	-204.80
		-606.79	-64.42	0.01	0.0	0.0	-325.15	37.25	-0.68	132.31	0.0	0.0
						47.5	-291.00	-7.94	-0.68	132.31	-32.21	659.36
134	85	826.38	0.0	-5.58e-03	-97.32	95.0	-263.91	-43.79	-0.68	132.31	-64.42	-606.79
		-743.79	-24.20	0.01	0.0	0.0	-390.92	44.66	-0.25	155.44	0.0	0.0
						47.5	-349.80	-9.74	-0.25	155.44	-12.10	784.35
134	86	321.15	0.0	-5.69e-04	-34.85	95.0	-317.36	-52.66	-0.25	155.44	-24.20	-743.79
		-204.80	-199.01	7.58e-03	0.0	0.0	-136.55	16.35	-2.09	73.25	0.0	0.0
						47.5	-122.15	-2.69	-2.09	73.25	-99.51	311.66
134	88	395.19	0.0	-1.17e-03	-44.09	95.0	-110.21	-18.50	-2.09	73.25	-199.01	-204.80
		-285.20	-172.09	8.35e-03	0.0	0.0	-174.27	20.53	-1.81	85.06	0.0	0.0
						47.5	-155.92	-3.74	-1.81	85.06	-86.05	381.20
134	90	452.03	0.0	-1.59e-03	-51.07	95.0	-140.95	-23.56	-1.81	85.06	-172.09	-285.20
		-343.91	-154.86	9.19e-03	0.0	0.0	-202.45	23.71	-1.63	94.97	0.0	0.0
						47.5	-181.12	-4.52	-1.63	94.97	-77.43	434.77
134	91	321.15	0.0	-5.69e-04	-34.85	95.0	-163.85	-27.36	-1.63	94.97	-154.86	-343.91
		-204.80	-199.01	7.58e-03	0.0	0.0	-136.55	16.35	-2.09	73.25	0.0	0.0
						47.5	-122.15	-2.69	-2.09	73.25	-99.51	311.66
134	92	377.99	0.0	-9.33e-04	-41.83	95.0	-110.21	-18.50	-2.09	73.25	-199.01	-204.80
		-263.51	-181.77	8.42e-03	0.0	0.0	-164.73	19.53	-1.91	83.16	0.0	0.0
						47.5	-147.35	-3.47	-1.91	83.16	-90.89	365.23
135	3	809.16	507.25	0.02	-81.22	95.0	-133.11	-22.30	-1.91	83.16	-181.77	-263.51
		-378.63	0.0	-6.58e-03	0.0	0.0	-316.83	41.56	-5.25	-121.66	507.25	-378.63
						48.3	-343.45	5.40	-5.25	-121.66	253.63	792.00
135	5	335.05	182.95	0.01	-30.27	96.7	-376.63	-39.66	-5.25	-121.66	0.0	0.0
		-62.92	0.0	-2.38e-03	0.0	0.0	-119.93	14.92	-1.89	-49.07	182.95	-62.92
						48.3	-130.12	1.08	-1.89	-49.07	91.48	334.26
135	11	1305.08	864.14	0.03	-138.15	96.7	-142.22	-15.35	-1.89	-49.07	0.0	0.0
		-809.90	0.0	-0.01	0.0	0.0	-533.62	71.98	-8.94	-191.99	864.14	-809.90
						48.3	-578.43	11.12	-8.94	-191.99	432.07	1264.27
135	31	450.23	266.92	0.01	-40.66	96.7	-635.34	-66.17	-8.94	-191.99	0.0	0.0
		-85.16	0.0	2.26e-03	0.0	0.0	-153.38	19.89	-2.76	-76.78	266.92	-85.16
						48.3	-166.89	1.54	-2.76	-76.78	133.46	448.64
135	33	452.41	264.06	0.01	-40.66	96.7	-183.31	-20.77	-2.76	-76.78	0.0	0.0
		-80.17	0.0	2.31e-03	0.0	0.0	-152.15	19.83	-2.73	-72.28	264.06	-80.17
						48.3	-165.65	1.49	-2.73	-72.28	132.03	451.14
135	36	401.56	233.42	0.01	-40.66	96.7	-182.08	-20.82	-2.73	-72.28	0.0	0.0
		-196.40	0.0	-8.62e-03	0.0	0.0	-167.84	21.04	-2.41	-53.78	233.42	-196.40
						48.3	-181.35	2.69	-2.41	-53.78	116.71	393.02
135	37	453.87	266.27	0.01	-40.66	96.7	-197.78	-19.62	-2.41	-53.78	0.0	0.0
		-76.82	0.0	2.12e-03	0.0	0.0	-151.86	19.80	-2.75	-73.04	266.27	-76.82
						48.3	-165.36	1.46	-2.75	-73.04	133.14	452.81
135	63	456.31	271.54	0.01	-40.66	96.7	-181.79	-20.86	-2.75	-73.04	0.0	0.0
		-71.25	0.0	3.75e-03	0.0	0.0	-151.63	19.74	-2.81	-80.40	271.54	-71.25
						48.3	-165.14	1.40	-2.81	-80.40	135.77	455.60
135	65	459.08	267.90	0.01	-40.66	96.7	-181.56	-20.91	-2.81	-80.40	0.0	0.0
		-64.92	0.0	3.81e-03	0.0	0.0	-150.06	19.68	-2.77	-74.68	267.90	-64.92
						48.3	-163.57	1.33	-2.77	-74.68	133.95	458.76
135	68	394.49	228.98	0.01	-40.66	96.7	-180.00	-20.98	-2.77	-74.68	0.0	0.0
		-212.55	0.0	-0.01	0.0	0.0	-170.00	21.20	-2.37	-51.18	228.98	-212.55
						48.3	-183.51	2.86	-2.37	-51.18	114.49	384.95
135	69	460.94	270.71	0.01	-40.66	96.7	-199.94	-19.45	-2.37	-51.18	0.0	0.0
		-60.67	0.0	3.57e-03	0.0	0.0	-149.70	19.63	-2.80	-75.64	270.71	-60.67
						48.3	-163.20	1.29	-2.80	-75.64	135.36	460.89
135	79	368.28	207.05	0.01	-34.00	96.7	-179.63	-21.02	-2.80	-75.64	0.0	0.0
		-89.45	0.0	-2.70e-03	0.0	0.0	-134.25	16.89	-2.14	-54.20	207.05	-89.45
						48.3	-145.63	1.44	-2.14	-54.20	103.53	366.05
135	81	566.39	349.71	0.02	-56.19	96.7	-159.28	-17.10	-2.14	-54.20	0.0	0.0
		-246.66	0.0	-4.54e-03	0.0	0.0	-219.58	28.64	-3.62	-84.92	349.71	-246.66
						48.3	-238.05	3.56	-3.62	-84.92	174.86	555.61
135	85	897.00	587.63	0.02	-94.15	96.7	-260.95	-27.55	-3.62	-84.92	0.0	0.0
						0.0	-364.10	48.92	-6.08	-131.80	587.63	-534.18

		-534.18	0.0	-7.52e-03	0.0	48.3	-394.70	7.37	-6.08	-131.80	293.82	870.46
						96.7	-433.42	-45.23	-6.08	-131.80	0.0	0.0
135	86	368.28	207.05	0.01	-34.00	0.0	-134.25	16.89	-2.14	-54.20	207.05	-89.45
		-89.45	0.0	-2.70e-03	0.0	48.3	-145.63	1.44	-2.14	-54.20	103.53	366.05
						96.7	-159.28	-17.10	-2.14	-54.20	0.0	0.0
135	87	467.34	278.38	0.01	-45.10	0.0	-176.91	22.77	-2.88	-69.56	278.38	-168.05
		-168.05	0.0	-3.62e-03	0.0	48.3	-191.84	2.50	-2.88	-69.56	139.19	460.83
						96.7	-210.12	-22.33	-2.88	-69.56	0.0	0.0
135	90	505.72	305.99	0.01	-49.58	0.0	-193.87	25.18	-3.17	-74.63	305.99	-203.55
		-203.55	0.0	-3.95e-03	0.0	48.3	-210.23	2.96	-3.17	-74.63	153.00	497.26
						96.7	-230.38	-24.40	-3.17	-74.63	0.0	0.0
135	91	368.28	207.05	0.01	-34.00	0.0	-134.25	16.89	-2.14	-54.20	207.05	-89.45
		-89.45	0.0	-2.70e-03	0.0	48.3	-145.63	1.44	-2.14	-54.20	103.53	366.05
						96.7	-159.28	-17.10	-2.14	-54.20	0.0	0.0
135	92	427.72	249.85	0.01	-40.66	0.0	-159.85	20.42	-2.58	-63.41	249.85	-136.61
		-136.61	0.0	-3.25e-03	0.0	48.3	-173.36	2.08	-2.58	-63.41	124.92	422.92
						96.7	-189.78	-20.24	-2.58	-63.41	0.0	0.0
136	1	876.17	268.77	-0.01	-52.20	0.0	-178.68	33.02	2.85	6.15	0.0	0.0
		0.0	0.0	9.87e-03	0.0	47.2	-156.22	4.30	2.85	6.15	134.38	860.33
						94.4	-137.86	-19.18	2.85	6.15	268.77	488.46
136	3	1390.54	423.37	-0.02	-90.25	0.0	-309.50	55.20	4.48	-16.36	0.0	0.0
		0.0	0.0	9.38e-03	0.0	47.2	-270.18	4.90	4.48	-16.36	211.68	1378.08
						94.4	-238.93	-35.06	4.48	-16.36	423.37	625.66
136	5	575.21	182.14	-9.27e-03	-32.61	0.0	-111.07	21.04	1.93	8.77	0.0	0.0
		0.0	0.0	7.69e-03	0.0	47.2	-97.14	3.22	1.93	8.77	91.07	560.85
						94.4	-85.57	-11.58	1.93	8.77	182.14	351.85
136	11	2102.57	518.54	-0.03	-154.38	0.0	-548.75	89.44	5.49	-74.20	0.0	0.0
		0.0	0.0	3.95e-03	0.0	47.2	-480.99	2.79	5.49	-74.20	259.27	2102.57
						94.4	-428.04	-64.94	5.49	-74.20	518.54	560.90
136	39	930.89	496.22	-8.37e-03	-44.49	0.0	-113.59	31.35	5.26	-0.82	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-94.40	6.80	5.26	-0.82	248.11	882.40
						94.4	-78.80	-13.14	5.26	-0.82	496.22	714.68
136	42	560.51	0.0	-0.02	-44.49	0.0	-190.69	24.53	-0.45	4.80	0.0	0.0
		0.0	-42.29	2.54e-03	0.0	47.2	-171.50	-0.02	-0.45	4.80	-21.14	560.51
						94.4	-155.91	-19.96	-0.45	4.80	-42.29	70.90
136	43	931.19	501.86	-8.23e-03	-44.49	0.0	-113.69	31.35	5.31	-0.83	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-94.50	6.81	5.31	-0.83	250.93	882.62
						94.4	-78.90	-13.13	5.31	-0.83	501.86	715.12
136	45	890.47	383.06	-8.09e-03	-44.49	0.0	-120.04	30.67	4.06	-6.02	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-100.84	6.12	4.06	-6.02	191.53	850.43
						94.4	-85.25	-13.82	4.06	-6.02	383.06	650.74
136	46	560.29	0.0	-0.02	-44.49	0.0	-190.59	24.52	-0.51	4.80	0.0	0.0
		0.0	-47.92	2.35e-03	0.0	47.2	-171.40	-0.02	-0.51	4.80	-23.96	560.29
						94.4	-155.81	-19.96	-0.51	4.80	-47.92	70.46
136	71	990.70	568.98	-7.32e-03	-44.49	0.0	-103.17	32.27	6.03	-1.59	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-83.98	7.72	6.03	-1.59	284.49	925.90
						94.4	-68.39	-12.22	6.03	-1.59	568.98	801.67
136	74	517.01	0.0	-0.02	-44.49	0.0	-201.11	23.61	-1.22	5.57	0.0	0.0
		-16.09	-115.05	1.20e-03	0.0	47.2	-181.92	-0.94	-1.22	5.57	-57.53	517.01
						94.4	-166.33	-20.88	-1.22	5.57	-115.05	-16.09
136	75	991.08	576.14	-7.14e-03	-44.49	0.0	-103.30	32.27	6.10	-1.60	0.0	0.0
		0.0	0.0	0.01	0.0	47.2	-84.10	7.73	6.10	-1.60	288.07	926.18
						94.4	-68.51	-12.21	6.10	-1.60	576.14	802.24
136	78	516.73	0.0	-0.02	-44.49	0.0	-200.99	23.60	-1.29	5.57	0.0	0.0
		-16.65	-122.20	9.51e-04	0.0	47.2	-181.79	-0.94	-1.29	5.57	-61.10	516.73
						94.4	-166.20	-20.88	-1.29	5.57	-122.20	-16.65
136	79	630.47	196.05	-0.01	-36.87	0.0	-125.98	23.50	2.08	6.49	0.0	0.0
		0.0	0.0	7.63e-03	0.0	47.2	-110.16	3.27	2.08	6.49	98.02	617.91
						94.4	-97.14	-13.37	2.08	6.49	196.05	365.35
136	81	973.38	299.11	-0.02	-62.24	0.0	-213.19	38.29	3.17	-8.52	0.0	0.0
		0.0	0.0	7.31e-03	0.0	47.2	-186.13	3.67	3.17	-8.52	149.56	963.07
						94.4	-164.52	-23.96	3.17	-8.52	299.11	456.82
136	85	1446.06	362.56	-0.02	-104.99	0.0	-372.69	61.12	3.84	-47.08	0.0	0.0
		0.0	0.0	3.68e-03	0.0	47.2	-326.67	2.26	3.84	-47.08	181.28	1446.06
						94.4	-290.59	-43.88	3.84	-47.08	362.56	413.65
136	86	630.47	196.05	-0.01	-36.87	0.0	-125.98	23.50	2.08	6.49	0.0	0.0
		0.0	0.0	7.63e-03	0.0	47.2	-110.16	3.27	2.08	6.49	98.02	617.91
						94.4	-97.14	-13.37	2.08	6.49	196.05	365.35
136	87	801.92	247.58	-0.01	-49.56	0.0	-169.58	30.89	2.62	-1.02	0.0	0.0
		0.0	0.0	7.47e-03	0.0	47.2	-148.14	3.47	2.62	-1.02	123.79	790.49
						94.4	-130.83	-18.66	2.62	-1.02	247.58	411.08
136	90	847.29	245.84	-0.01	-54.56	0.0	-189.27	33.39	2.60	-6.63	0.0	0.0
		0.0	0.0	6.79e-03	0.0	47.2	-165.62	3.13	2.60	-6.63	122.92	838.76
						94.4	-146.61	-21.17	2.60	-6.63	245.84	389.65
136	91	630.47	196.05	-0.01	-36.87	0.0	-125.98	23.50	2.08	6.49	0.0	0.0
		0.0	0.0	7.63e-03	0.0	47.2	-110.16	3.27	2.08	6.49	98.02	617.91
						94.4	-97.14	-13.37	2.08	6.49	196.05	365.35

136	92	733.34	226.97	-0.01	-44.49	0.0	-152.14	27.94	2.40	1.99	0.0	0.0
		0.0	0.0	7.54e-03	0.0	47.2	-132.95	3.39	2.40	1.99	113.48	721.46
						94.4	-117.36	-16.55	2.40	1.99	226.97	392.79
137	3	1188.96	0.0	8.69e-03	-91.56	0.0	-427.36	50.99	-5.87	229.39	0.0	0.0
		0.0	-566.50	0.02	0.0	48.3	-388.89	-4.43e-03	-5.87	229.39	-283.25	1188.96
						96.6	-358.29	-40.56	-5.87	229.39	-566.50	167.61
137	5	436.80	0.0	0.01	-33.22	0.0	-153.72	18.37	-2.81	108.62	0.0	0.0
		0.0	-271.24	7.13e-03	0.0	48.3	-140.04	0.23	-2.81	108.62	-135.62	436.80
						96.6	-128.66	-14.85	-2.81	108.62	-271.24	71.60
137	11	2005.08	0.0	-5.39e-03	-156.24	0.0	-750.46	86.96	-7.26	285.33	0.0	0.0
		0.0	-701.24	0.02	0.0	48.3	-684.30	-0.72	-7.26	285.33	-350.62	2005.08
						96.6	-632.57	-69.29	-7.26	285.33	-701.24	238.15
137	31	686.97	0.0	0.01	-45.22	0.0	-153.25	27.00	-5.28	190.94	0.0	0.0
		0.0	-509.75	9.22e-03	0.0	48.3	-134.43	2.06	-5.28	190.94	-254.87	682.97
						96.6	-119.13	-18.22	-5.28	190.94	-509.75	274.24
137	34	500.12	0.0	3.93e-03	-45.22	0.0	-267.17	23.17	-1.44	69.89	0.0	0.0
		-95.57	-138.87	8.31e-03	0.0	48.3	-248.35	-1.77	-1.44	69.89	-69.43	498.07
						96.6	-233.05	-22.05	-1.44	69.89	-138.87	-95.57
137	39	687.52	0.0	0.01	-45.22	0.0	-153.25	27.01	-5.30	191.94	0.0	0.0
		0.0	-512.24	0.01	0.0	48.3	-134.44	2.07	-5.30	191.94	-256.12	683.45
						96.6	-119.14	-18.21	-5.30	191.94	-512.24	275.20
137	43	688.97	0.0	0.01	-45.22	0.0	-153.58	27.04	-5.29	192.08	0.0	0.0
		0.0	-510.66	0.01	0.0	48.3	-134.76	2.10	-5.29	192.08	-255.33	684.75
						96.6	-119.46	-18.18	-5.29	192.08	-510.66	277.79
137	46	498.57	0.0	3.72e-03	-45.22	0.0	-266.84	23.14	-1.43	68.75	0.0	0.0
		-99.12	-137.95	7.23e-03	0.0	48.3	-248.02	-1.80	-1.43	68.75	-68.98	496.29
						96.6	-232.72	-22.09	-1.43	68.75	-137.95	-99.12
137	63	715.08	0.0	0.02	-45.22	0.0	-137.85	27.52	-5.80	207.30	0.0	0.0
		0.0	-559.87	9.34e-03	0.0	48.3	-119.04	2.58	-5.80	207.30	-279.93	707.95
						96.6	-103.73	-17.70	-5.80	207.30	-559.87	324.20
137	66	478.26	0.0	2.50e-03	-45.22	0.0	-282.56	22.65	-0.92	53.53	0.0	0.0
		-145.53	-88.75	8.19e-03	0.0	48.3	-263.75	-2.28	-0.92	53.53	-44.37	473.09
						96.6	-248.44	-22.57	-0.92	53.53	-88.75	-145.53
137	71	715.77	0.0	0.02	-45.22	0.0	-137.86	27.53	-5.83	208.57	0.0	0.0
		0.0	-563.05	0.01	0.0	48.3	-119.05	2.59	-5.83	208.57	-281.52	708.56
						96.6	-103.75	-17.69	-5.83	208.57	-563.05	325.42
137	75	717.62	0.0	0.02	-45.22	0.0	-138.27	27.57	-5.81	208.75	0.0	0.0
		0.0	-561.03	0.01	0.0	48.3	-119.46	2.63	-5.81	208.75	-280.52	710.22
						96.6	-104.15	-17.65	-5.81	208.75	-561.03	328.73
137	78	476.28	0.0	2.24e-03	-45.22	0.0	-282.14	22.61	-0.91	52.08	0.0	0.0
		-150.06	-87.58	6.81e-03	0.0	48.3	-263.33	-2.33	-0.91	52.08	-43.79	470.82
						96.6	-248.02	-22.61	-0.91	52.08	-87.58	-150.06
137	79	491.42	0.0	9.99e-03	-37.53	0.0	-174.05	20.77	-3.01	116.32	0.0	0.0
		0.0	-290.29	7.71e-03	0.0	48.3	-158.53	0.19	-3.01	116.32	-145.15	491.42
						96.6	-145.74	-16.76	-3.01	116.32	-290.29	76.84
137	81	821.75	0.0	7.42e-03	-63.17	0.0	-294.56	35.17	-4.18	163.31	0.0	0.0
		0.0	-403.68	0.01	0.0	48.3	-268.07	0.05	-4.18	163.31	-201.84	821.75
						96.6	-246.90	-28.00	-4.18	163.31	-403.68	118.49
137	85	1365.83	0.0	-2.66e-03	-106.30	0.0	-509.96	59.14	-5.11	200.60	0.0	0.0
		0.0	-493.50	0.01	0.0	48.3	-465.01	-0.43	-5.11	200.60	-246.75	1365.83
						96.6	-429.76	-47.15	-5.11	200.60	-493.50	165.52
137	86	491.42	0.0	9.99e-03	-37.53	0.0	-174.05	20.77	-3.01	116.32	0.0	0.0
		0.0	-290.29	7.71e-03	0.0	48.3	-158.53	0.19	-3.01	116.32	-145.15	491.42
						96.6	-145.74	-16.76	-3.01	116.32	-290.29	76.84
137	87	656.58	0.0	8.70e-03	-50.35	0.0	-234.31	27.97	-3.59	139.81	0.0	0.0
		0.0	-346.98	9.46e-03	0.0	48.3	-213.30	0.12	-3.59	139.81	-173.49	656.58
						96.6	-196.32	-22.38	-3.59	139.81	-346.98	97.66
137	90	719.16	0.0	7.36e-03	-55.38	0.0	-260.52	30.75	-3.61	140.69	0.0	0.0
		0.0	-349.07	9.48e-03	0.0	48.3	-237.35	0.05	-3.61	140.69	-174.54	719.16
						96.6	-218.73	-24.64	-3.61	140.69	-349.07	101.24
137	91	491.42	0.0	9.99e-03	-37.53	0.0	-174.05	20.77	-3.01	116.32	0.0	0.0
		0.0	-290.29	7.71e-03	0.0	48.3	-158.53	0.19	-3.01	116.32	-145.15	491.42
						96.6	-145.74	-16.76	-3.01	116.32	-290.29	76.84
137	92	590.52	0.0	9.22e-03	-45.22	0.0	-210.21	25.09	-3.36	130.42	0.0	0.0
		0.0	-324.31	8.76e-03	0.0	48.3	-191.39	0.15	-3.36	130.42	-162.15	590.52
						96.6	-176.09	-20.13	-3.36	130.42	-324.31	89.33
138	3	676.30	158.73	0.03	-84.68	0.0	-305.68	47.08	-1.68	81.84	158.73	-751.22
		-751.22	0.0	-5.41e-03	0.0	47.4	-334.88	9.52	-1.68	81.84	79.36	627.36
						94.7	-371.53	-37.61	-1.68	81.84	0.0	0.0
138	5	258.00	94.02	0.01	-31.02	0.0	-118.07	17.16	-0.99	29.70	94.02	-244.36
		-244.36	0.0	-4.91e-03	0.0	47.4	-129.04	3.04	-0.99	29.70	47.01	245.25
						94.7	-142.19	-13.86	-0.99	29.70	0.0	0.0
138	11	1169.48	127.69	0.03	-144.12	0.0	-505.18	79.25	-1.35	143.37	127.69	-1235.12
		-1235.12	0.0	-6.63e-04	0.0	47.4	-554.39	15.96	-1.35	143.37	63.84	1089.31
						94.7	-617.24	-64.87	-1.35	143.37	0.0	0.0
138	31	320.75	0.0	0.02	-42.03	0.0	-168.22	23.92	0.16	12.59	-15.02	-410.11
		-410.11	-15.02	8.54e-03	0.0	47.4	-182.90	5.04	0.16	12.59	-7.51	292.70

						94.7	-200.90	-18.11	0.16	12.59	0.0	0.0
138	34	366.02	220.37	0.01	-42.03	0.0	-143.39	22.68	-2.33	68.24	220.37	-292.80
		-292.80	0.0	-0.02	0.0	47.4	-158.07	3.80	-2.33	68.24	110.19	351.35
						94.7	-176.07	-19.35	-2.33	68.24	0.0	0.0
138	39	323.42	0.0	0.02	-42.03	0.0	-168.90	23.84	0.37	13.29	-34.77	-402.99
		-402.99	-34.77	1.28e-04	0.0	47.4	-183.58	4.96	0.37	13.29	-17.38	296.26
						94.7	-201.58	-18.18	0.37	13.29	0.0	0.0
138	40	351.98	318.76	0.01	-42.03	0.0	-143.46	23.04	-3.36	64.41	318.76	-326.84
		-326.84	0.0	-9.69e-03	0.0	47.4	-158.14	4.16	-3.36	64.41	159.38	334.34
						94.7	-176.14	-18.99	-3.36	64.41	0.0	0.0
138	41	333.52	0.0	0.02	-42.03	0.0	-168.15	23.56	1.20	16.43	-113.40	-376.07
		-376.07	-113.40	3.55e-04	0.0	47.4	-182.83	4.68	1.20	16.43	-56.70	309.72
						94.7	-200.83	-18.47	1.20	16.43	0.0	0.0
138	42	362.91	240.12	9.64e-03	-42.03	0.0	-142.71	22.76	-2.53	67.55	240.12	-299.92
		-299.92	0.0	-9.46e-03	0.0	47.4	-157.39	3.88	-2.53	67.55	120.06	347.80
						94.7	-175.39	-19.27	-2.53	67.55	0.0	0.0
138	63	314.81	0.0	0.02	-42.03	0.0	-171.57	24.09	0.49	5.07	-46.82	-425.96
		-425.96	-46.82	0.01	0.0	47.4	-186.25	5.21	0.49	5.07	-23.41	284.78
						94.7	-204.25	-17.94	0.49	5.07	0.0	0.0
138	66	372.96	252.18	8.73e-03	-42.03	0.0	-140.04	22.51	-2.66	75.76	252.18	-276.95
		-276.95	0.0	-0.02	0.0	47.4	-154.72	3.63	-2.66	75.76	126.09	359.28
						94.7	-172.72	-19.51	-2.66	75.76	0.0	0.0
138	71	318.20	0.0	0.02	-42.03	0.0	-172.44	23.99	0.76	5.96	-71.91	-416.92
		-416.92	-71.91	1.42e-03	0.0	47.4	-187.12	5.11	0.76	5.96	-35.96	289.29
						94.7	-205.11	-18.04	0.76	5.96	0.0	0.0
138	72	354.47	377.15	8.51e-03	-42.03	0.0	-140.12	22.97	-3.98	70.89	377.15	-320.19
		-320.19	0.0	-0.01	0.0	47.4	-154.80	4.09	-3.98	70.89	188.58	337.66
						94.7	-172.80	-19.06	-3.98	70.89	0.0	0.0
138	73	331.02	0.0	0.02	-42.03	0.0	-171.49	23.63	1.81	9.95	-171.80	-382.73
		-382.73	-171.80	1.71e-03	0.0	47.4	-186.17	4.75	1.81	9.95	-85.90	306.39
						94.7	-204.17	-18.40	1.81	9.95	0.0	0.0
138	74	369.00	277.27	7.86e-03	-42.03	0.0	-139.17	22.61	-2.93	74.88	277.27	-285.99
		-285.99	0.0	-0.01	0.0	47.4	-153.85	3.73	-2.93	74.88	138.63	354.76
						94.7	-171.85	-19.42	-2.93	74.88	0.0	0.0
138	79	288.68	96.53	0.02	-34.97	0.0	-131.58	19.36	-1.02	33.54	96.53	-282.11
		-282.11	0.0	-4.82e-03	0.0	47.4	-143.89	3.53	-1.02	33.54	48.27	273.16
						94.7	-158.78	-15.62	-1.02	33.54	0.0	0.0
138	81	468.90	117.01	0.02	-58.49	0.0	-212.32	32.50	-1.23	56.47	117.01	-513.26
		-513.26	0.0	-4.31e-03	0.0	47.4	-232.54	6.50	-1.23	56.47	58.51	436.06
						94.7	-257.80	-25.98	-1.23	56.47	0.0	0.0
138	85	797.69	96.32	0.02	-98.11	0.0	-345.32	53.95	-1.02	97.49	96.32	-835.86
		-835.86	0.0	-1.15e-03	0.0	47.4	-378.88	10.79	-1.02	97.49	48.16	744.02
						94.7	-421.60	-44.16	-1.02	97.49	0.0	0.0
138	86	288.68	96.53	0.02	-34.97	0.0	-131.58	19.36	-1.02	33.54	96.53	-282.11
		-282.11	0.0	-4.82e-03	0.0	47.4	-143.89	3.53	-1.02	33.54	48.27	273.16
						94.7	-158.78	-15.62	-1.02	33.54	0.0	0.0
138	87	378.79	106.77	0.02	-46.73	0.0	-171.95	25.93	-1.13	45.00	106.77	-397.69
		-397.69	0.0	-4.56e-03	0.0	47.4	-188.21	5.01	-1.13	45.00	53.39	354.61
						94.7	-208.29	-20.80	-1.13	45.00	0.0	0.0
138	90	419.32	99.77	0.02	-51.36	0.0	-187.25	28.38	-1.05	50.00	99.77	-429.84
		-429.84	0.0	-4.00e-03	0.0	47.4	-205.07	5.46	-1.05	50.00	49.88	393.39
						94.7	-227.19	-22.98	-1.05	50.00	0.0	0.0
138	91	288.68	96.53	0.02	-34.97	0.0	-131.58	19.36	-1.02	33.54	96.53	-282.11
		-282.11	0.0	-4.82e-03	0.0	47.4	-143.89	3.53	-1.02	33.54	48.27	273.16
						94.7	-158.78	-15.62	-1.02	33.54	0.0	0.0
138	92	342.75	102.68	0.02	-42.03	0.0	-155.80	23.30	-1.08	40.42	102.68	-351.46
		-351.46	0.0	-4.67e-03	0.0	47.4	-170.48	4.42	-1.08	40.42	51.34	322.03
						94.7	-188.48	-18.73	-1.08	40.42	0.0	0.0
139	5	265.14	0.0	0.01	-29.63	0.0	-142.31	13.56	-1.34	-45.60	0.0	0.0
		-203.05	-129.07	-6.00e-03	0.0	48.2	-130.14	-2.53	-1.34	-45.60	-64.54	255.49
						96.4	-119.90	-16.06	-1.34	-45.60	-129.07	-203.05
139	11	1224.78	0.0	0.01	-133.84	0.0	-598.42	63.31	-7.00	-163.75	0.0	0.0
		-865.62	-674.73	-0.02	0.0	48.2	-541.70	-11.66	-7.00	-163.75	-337.37	1179.95
						96.4	-497.17	-70.53	-7.00	-163.75	-674.73	-865.62
139	12	871.82	0.0	5.71e-03	-93.89	0.0	-417.90	44.68	-4.60	-119.17	0.0	0.0
		-578.33	-443.80	-0.01	0.0	48.2	-378.15	-7.86	-4.60	-119.17	-221.90	842.30
						96.4	-346.86	-49.22	-4.60	-119.17	-443.80	-578.33
139	31	328.17	0.0	7.61e-03	-39.74	0.0	-196.29	17.63	-2.19	-31.78	0.0	0.0
		-341.91	-211.04	-0.01	0.0	48.2	-179.78	-4.20	-2.19	-31.78	-105.52	307.97
						96.4	-166.23	-22.11	-2.19	-31.78	-211.04	-341.91
139	34	382.84	0.0	0.02	-39.74	0.0	-178.11	18.99	-1.78	-79.67	0.0	0.0
		-211.40	-171.85	-2.32e-03	0.0	48.2	-161.59	-2.85	-1.78	-79.67	-85.92	373.23
						96.4	-148.04	-20.76	-1.78	-79.67	-171.85	-211.40
139	35	328.66	0.0	7.58e-03	-39.74	0.0	-196.24	17.65	-2.20	-31.81	0.0	0.0
		-340.60	-211.65	-0.01	0.0	48.2	-179.73	-4.19	-2.20	-31.81	-105.82	308.63
						96.4	-166.18	-22.10	-2.20	-31.81	-211.65	-340.60
139	41	340.53	0.0	0.01	-39.74	0.0	-197.79	17.98	-2.44	-39.22	0.0	0.0

		-308.96	-235.58	-7.62e-03	0.0	48.2	-181.27	-3.86	-2.44	-39.22	-117.79	324.45
						96.4	-167.72	-21.77	-2.44	-39.22	-235.58	-308.96
139	44	368.99	0.0	0.01	-39.74	0.0	-176.57	18.66	-1.53	-72.26	0.0	0.0
		-243.05	-147.92	-5.81e-03	0.0	48.2	-160.05	-3.18	-1.53	-72.26	-73.96	357.41
						96.4	-146.50	-21.09	-1.53	-72.26	-147.92	-243.05
139	45	340.04	0.0	0.01	-39.74	0.0	-197.84	17.96	-2.44	-39.20	0.0	0.0
		-310.26	-234.97	-7.94e-03	0.0	48.2	-181.32	-3.87	-2.44	-39.20	-117.48	323.80
						96.4	-167.77	-21.78	-2.44	-39.20	-234.97	-310.26
139	63	321.56	0.0	6.17e-03	-39.74	0.0	-198.75	17.45	-2.24	-25.31	0.0	0.0
		-359.54	-216.34	-0.01	0.0	48.2	-182.24	-4.38	-2.24	-25.31	-108.17	299.16
						96.4	-168.69	-22.29	-2.24	-25.31	-216.34	-359.54
139	66	390.55	0.0	0.02	-39.74	0.0	-175.65	19.17	-1.73	-86.15	0.0	0.0
		-193.77	-166.55	-1.09e-03	0.0	48.2	-159.13	-2.66	-1.73	-86.15	-83.27	382.04
						96.4	-145.58	-20.57	-1.73	-86.15	-166.55	-193.77
139	67	322.18	0.0	6.14e-03	-39.74	0.0	-198.69	17.47	-2.25	-25.34	0.0	0.0
		-357.88	-217.11	-0.01	0.0	48.2	-182.17	-4.37	-2.25	-25.34	-108.56	299.99
						96.4	-168.62	-22.28	-2.25	-25.34	-217.11	-357.88
139	73	337.25	0.0	0.01	-39.74	0.0	-200.64	17.88	-2.57	-34.76	0.0	0.0
		-317.69	-247.51	-7.82e-03	0.0	48.2	-184.13	-3.95	-2.57	-34.76	-123.76	320.09
						96.4	-170.58	-21.86	-2.57	-34.76	-247.51	-317.69
139	76	372.96	0.0	0.01	-39.74	0.0	-173.69	18.75	-1.41	-76.72	0.0	0.0
		-233.97	-136.15	-5.52e-03	0.0	48.2	-157.18	-3.08	-1.41	-76.72	-68.07	361.95
						96.4	-143.63	-20.99	-1.41	-76.72	-136.15	-233.97
139	77	336.63	0.0	0.01	-39.74	0.0	-200.71	17.87	-2.56	-34.74	0.0	0.0
		-319.34	-246.74	-8.23e-03	0.0	48.2	-184.19	-3.97	-2.56	-34.74	-123.37	319.26
						96.4	-170.64	-21.88	-2.56	-34.74	-246.74	-319.34
139	79	297.31	0.0	0.01	-33.26	0.0	-158.38	15.27	-1.56	-49.38	0.0	0.0
		-229.09	-150.81	-6.32e-03	0.0	48.2	-144.65	-2.89	-1.56	-49.38	-75.41	286.23
						96.4	-133.22	-17.99	-1.56	-49.38	-150.81	-229.09
139	83	701.76	0.0	8.09e-03	-76.10	0.0	-342.10	36.01	-3.74	-98.43	0.0	0.0
		-479.28	-360.63	-9.71e-03	0.0	48.2	-309.99	-6.44	-3.74	-98.43	-180.32	677.44
						96.4	-284.53	-40.09	-3.74	-98.43	-360.63	-479.28
139	85	834.71	0.0	8.45e-03	-91.24	0.0	-409.35	43.10	-4.72	-113.23	0.0	0.0
		-590.27	-455.44	-0.01	0.0	48.2	-370.74	-7.93	-4.72	-113.23	-227.72	804.30
						96.4	-340.33	-48.13	-4.72	-113.23	-455.44	-590.27
139	86	297.31	0.0	0.01	-33.26	0.0	-158.38	15.27	-1.56	-49.38	0.0	0.0
		-229.09	-150.81	-6.32e-03	0.0	48.2	-144.65	-2.89	-1.56	-49.38	-75.41	286.23
						96.4	-133.22	-17.99	-1.56	-49.38	-150.81	-229.09
139	88	378.20	0.0	0.01	-41.83	0.0	-195.13	19.42	-2.00	-59.19	0.0	0.0
		-279.13	-192.77	-7.00e-03	0.0	48.2	-177.71	-3.60	-2.00	-59.19	-96.39	364.47
						96.4	-163.48	-22.41	-2.00	-59.19	-192.77	-279.13
139	90	435.18	0.0	0.01	-48.31	0.0	-223.95	22.46	-2.42	-65.54	0.0	0.0
		-326.69	-233.41	-7.56e-03	0.0	48.2	-203.75	-4.23	-2.42	-65.54	-116.70	418.84
						96.4	-187.40	-25.85	-2.42	-65.54	-233.41	-326.69
139	91	297.31	0.0	0.01	-33.26	0.0	-158.38	15.27	-1.56	-49.38	0.0	0.0
		-229.09	-150.81	-6.32e-03	0.0	48.2	-144.65	-2.89	-1.56	-49.38	-75.41	286.23
						96.4	-133.22	-17.99	-1.56	-49.38	-150.81	-229.09
139	92	354.29	0.0	0.01	-39.74	0.0	-187.20	18.31	-1.99	-55.73	0.0	0.0
		-276.66	-191.44	-6.88e-03	0.0	48.2	-170.68	-3.52	-1.99	-55.73	-95.72	340.60
						96.4	-157.13	-21.43	-1.99	-55.73	-191.44	-276.66
140	1	222.46	0.0	0.02	-47.48	0.0	620.76	31.13	0.52	2.87	-62.35	-1462.96
		-1462.96	-62.35	-1.97e-03	0.0	60.0	611.77	14.59	0.52	2.87	-31.18	-19.29
						120.0	594.95	-16.35	0.52	2.87	0.0	0.0
140	5	143.20	0.0	0.01	-30.95	0.0	420.41	20.58	0.42	1.84	-49.91	-944.73
		-944.73	-49.91	-1.39e-03	0.0	60.0	414.25	9.26	0.42	1.84	-24.96	-8.05
						120.0	403.58	-10.37	0.42	1.84	0.0	0.0
140	9	528.08	0.0	0.03	-103.63	0.0	1098.66	64.22	0.25	7.94	-30.48	-3188.37
		-3188.37	-30.48	-2.91e-03	0.0	60.0	1082.04	33.65	0.25	7.94	-15.24	-39.73
						120.0	1042.33	-39.41	0.25	7.94	0.0	0.0
140	11	624.07	0.0	0.04	-123.30	0.0	1302.69	76.18	0.13	8.84	-16.04	-3837.11
		-3837.11	-16.04	-3.56e-03	0.0	60.0	1283.40	40.70	0.13	8.84	-8.02	-69.05
						120.0	1235.67	-47.12	0.13	8.84	0.0	0.0
140	18	190.36	0.0	0.01	-39.72	0.0	570.40	25.77	0.71	4.64	-85.01	-1216.37
		-1216.37	-85.01	-3.50e-03	0.0	60.0	563.06	12.25	0.71	4.64	-42.51	-12.36
						120.0	548.81	-13.95	0.71	4.64	0.0	0.0
140	19	181.99	0.0	0.02	-39.72	0.0	457.08	26.05	0.05	0.03	-6.26	-1249.85
		-1249.85	-6.26	4.00e-04	0.0	60.0	449.73	12.53	0.05	0.03	-3.13	-29.10
						120.0	435.49	-13.67	0.05	0.03	0.0	0.0
140	31	207.18	0.0	0.02	-39.72	0.0	402.56	25.21	0.09	0.65	-10.78	-1149.08
		-1149.08	-10.78	4.20e-03	0.0	60.0	395.21	11.69	0.09	0.65	-5.39	21.29
						120.0	380.97	-14.51	0.09	0.65	0.0	0.0
140	34	165.63	0.0	0.01	-39.72	0.0	619.39	26.59	0.65	3.96	-78.59	-1315.27
		-1315.27	-78.59	-7.48e-03	0.0	60.0	612.05	13.07	0.65	3.96	-39.29	-61.81
						120.0	597.80	-13.13	0.65	3.96	0.0	0.0
140	36	158.47	0.0	0.01	-39.72	0.0	605.68	26.87	0.51	2.80	-60.94	-1348.97
		-1348.97	-60.94	-7.19e-03	0.0	60.0	598.34	13.36	0.51	2.80	-30.47	-78.66
						120.0	584.09	-12.85	0.51	2.80	0.0	0.0

140	37	215.60	0.0	0.02	-39.72	0.0	416.27	24.93	0.24	1.81	-28.43	-1115.38
		-1115.38	-28.43	3.91e-03	0.0	60.0	408.92	11.41	0.24	1.81	-14.21	38.14
						120.0	394.68	-14.80	0.24	1.81	0.0	0.0
140	47	181.38	6.54	0.02	-39.72	0.0	435.49	26.07	-0.05	-0.67	6.54	-1252.25
		-1252.25	0.0	7.16e-04	0.0	60.0	428.14	12.55	-0.05	-0.67	3.27	-30.30
						120.0	413.90	-13.65	-0.05	-0.67	0.0	0.0
140	50	191.42	0.0	0.01	-39.72	0.0	586.46	25.73	0.80	5.28	-95.91	-1212.10
		-1212.10	-95.91	-4.00e-03	0.0	60.0	579.11	12.22	0.80	5.28	-47.95	-10.22
						120.0	564.87	-13.99	0.80	5.28	0.0	0.0
140	63	212.79	0.0	0.02	-39.72	0.0	373.26	25.02	0.01	0.20	-1.62	-1126.62
		-1126.62	-1.62	5.78e-03	0.0	60.0	365.91	11.50	0.01	0.20	-0.81	32.52
						120.0	351.67	-14.70	0.01	0.20	0.0	0.0
140	66	160.58	0.0	9.57e-03	-39.72	0.0	648.69	26.78	0.73	4.41	-87.75	-1337.73
		-1337.73	-87.75	-9.06e-03	0.0	60.0	641.34	13.26	0.73	4.41	-43.87	-73.04
						120.0	627.10	-12.94	0.73	4.41	0.0	0.0
140	68	152.55	0.0	9.03e-03	-39.72	0.0	631.26	27.14	0.54	2.94	-65.34	-1380.53
		-1380.53	-65.34	-8.69e-03	0.0	60.0	623.92	13.62	0.54	2.94	-32.67	-94.44
						120.0	609.67	-12.59	0.54	2.94	0.0	0.0
140	69	223.49	0.0	0.02	-39.72	0.0	390.69	24.66	0.20	1.67	-24.03	-1083.82
		-1083.82	-24.03	5.41e-03	0.0	60.0	383.34	11.15	0.20	1.67	-12.02	53.92
						120.0	369.10	-15.06	0.20	1.67	0.0	0.0
140	79	158.98	0.0	0.01	-34.10	0.0	452.68	22.48	0.41	2.05	-48.81	-1046.82
		-1046.82	-48.81	-1.46e-03	0.0	60.0	446.10	10.37	0.41	2.05	-24.41	-11.88
						120.0	434.14	-11.62	0.41	2.05	0.0	0.0
140	83	362.73	0.0	0.02	-71.54	0.0	771.28	44.55	0.23	5.43	-27.56	-2197.10
		-2197.10	-27.56	-2.09e-03	0.0	60.0	759.61	23.07	0.23	5.43	-13.78	-25.51
						120.0	732.40	-26.99	0.23	5.43	0.0	0.0
140	85	426.72	0.0	0.03	-84.65	0.0	907.30	52.52	0.15	6.03	-17.94	-2629.59
		-2629.59	-17.94	-2.52e-03	0.0	60.0	893.85	27.77	0.15	6.03	-8.97	-45.06
						120.0	861.29	-32.13	0.15	6.03	0.0	0.0
140	86	158.98	0.0	0.01	-34.10	0.0	452.68	22.48	0.41	2.05	-48.81	-1046.82
		-1046.82	-48.81	-1.46e-03	0.0	60.0	446.10	10.37	0.41	2.05	-24.41	-11.88
						120.0	434.14	-11.62	0.41	2.05	0.0	0.0
140	88	199.73	0.0	0.02	-41.59	0.0	516.40	26.89	0.37	2.72	-44.56	-1276.88
		-1276.88	-44.56	-1.58e-03	0.0	60.0	508.80	12.91	0.37	2.72	-22.28	-14.61
						120.0	493.80	-14.69	0.37	2.72	0.0	0.0
140	90	227.15	0.0	0.02	-47.21	0.0	574.70	30.31	0.34	2.98	-40.44	-1462.23
		-1462.23	-40.44	-1.77e-03	0.0	60.0	566.33	14.92	0.34	2.98	-20.22	-22.99
						120.0	549.04	-16.90	0.34	2.98	0.0	0.0
140	91	158.98	0.0	0.01	-34.10	0.0	452.68	22.48	0.41	2.05	-48.81	-1046.82
		-1046.82	-48.81	-1.46e-03	0.0	60.0	446.10	10.37	0.41	2.05	-24.41	-11.88
						120.0	434.14	-11.62	0.41	2.05	0.0	0.0
140	92	186.40	0.0	0.02	-39.72	0.0	510.98	25.90	0.37	2.30	-44.69	-1232.18
		-1232.18	-44.69	-1.64e-03	0.0	60.0	503.63	12.38	0.37	2.30	-22.34	-20.26
						120.0	489.38	-13.82	0.37	2.30	0.0	0.0
141	5	120.30	147.47	8.16e-03	-31.39	0.0	485.37	21.71	-1.23	-4.33	147.47	-1061.99
		-1061.99	0.0	4.04e-03	0.0	60.0	479.15	10.27	-1.23	-4.33	73.74	-60.09
						120.0	468.30	-9.69	-1.23	-4.33	0.0	0.0
141	9	484.06	323.44	0.02	-105.85	0.0	1178.40	67.40	-2.70	-8.68	323.44	-3481.18
		-3481.18	0.0	5.70e-03	0.0	60.0	1161.48	36.28	-2.70	-8.68	161.72	-152.79
						120.0	1120.87	-38.45	-2.70	-8.68	0.0	0.0
141	11	576.29	361.45	0.03	-126.04	0.0	1380.65	79.89	-3.01	-9.08	361.45	-4172.22
		-4172.22	0.0	6.49e-03	0.0	60.0	1360.98	43.72	-3.01	-9.08	180.73	-195.46
						120.0	1312.13	-46.15	-3.01	-9.08	0.0	0.0
141	31	138.14	191.73	4.09e-03	-40.39	0.0	672.08	28.33	-1.60	-3.93	191.73	-1496.91
		-1496.91	0.0	9.90e-03	0.0	60.0	664.65	14.64	-1.60	-3.93	95.86	-142.57
						120.0	650.13	-12.06	-1.60	-3.93	0.0	0.0
141	34	193.20	140.04	0.02	-40.39	0.0	477.96	26.19	-1.17	-5.19	140.04	-1240.21
		-1240.21	0.0	-1.20e-03	0.0	60.0	470.52	12.51	-1.17	-5.19	70.02	-14.22
						120.0	456.01	-14.20	-1.17	-5.19	0.0	0.0
141	37	146.36	204.43	5.26e-03	-40.39	0.0	656.98	27.96	-1.70	-2.99	204.43	-1453.06
		-1453.06	0.0	0.01	0.0	60.0	649.54	14.28	-1.70	-2.99	102.22	-120.64
						120.0	635.02	-12.43	-1.70	-2.99	0.0	0.0
141	63	131.64	198.71	2.46e-03	-40.39	0.0	698.31	28.62	-1.66	-3.76	198.71	-1531.59
		-1531.59	0.0	0.01	0.0	60.0	690.87	14.93	-1.66	-3.76	99.36	-159.91
						120.0	676.35	-11.77	-1.66	-3.76	0.0	0.0
141	66	201.87	133.06	0.02	-40.39	0.0	451.74	25.90	-1.11	-5.36	133.06	-1205.53
		-1205.53	0.0	-2.70e-03	0.0	60.0	444.30	12.22	-1.11	-5.36	66.53	3.12
						120.0	429.78	-14.49	-1.11	-5.36	0.0	0.0
141	69	142.08	214.85	3.94e-03	-40.39	0.0	679.12	28.15	-1.79	-2.56	214.85	-1475.89
		-1475.89	0.0	0.01	0.0	60.0	671.68	14.47	-1.79	-2.56	107.42	-132.06
						120.0	657.17	-12.24	-1.79	-2.56	0.0	0.0
141	79	135.51	155.02	8.83e-03	-34.62	0.0	517.24	23.69	-1.29	-4.45	155.02	-1171.12
		-1171.12	0.0	4.12e-03	0.0	60.0	510.59	11.45	-1.29	-4.45	77.51	-66.20
						120.0	498.42	-10.93	-1.29	-4.45	0.0	0.0
141	83	330.60	231.26	0.02	-73.03	0.0	833.32	46.77	-1.93	-6.30	231.26	-2404.18
		-2404.18	0.0	4.29e-03	0.0	60.0	821.45	24.92	-1.93	-6.30	115.63	-106.61

141	85	392.09	256.61	0.02	-86.49	120.0	793.62	-26.26	-1.93	-6.30	0.0	0.0
		-2864.87	0.0	4.82e-03	0.0	0.0	968.15	55.09	-2.14	-6.57	256.61	-2864.87
						60.0	954.44	29.89	-2.14	-6.57	128.30	-135.06
141	86	135.51	155.02	8.83e-03	-34.62	120.0	921.13	-31.40	-2.14	-6.57	0.0	0.0
		-1171.12	0.0	4.12e-03	0.0	0.0	517.24	23.69	-1.29	-4.45	155.02	-1171.12
						60.0	510.59	11.45	-1.29	-4.45	77.51	-66.20
141	88	174.11	170.27	0.01	-42.31	120.0	498.42	-10.93	-1.29	-4.45	0.0	0.0
		-1417.73	0.0	4.15e-03	0.0	0.0	580.46	28.31	-1.42	-4.82	170.27	-1417.73
						60.0	572.76	14.14	-1.42	-4.82	85.14	-74.29
141	90	200.81	181.13	0.01	-48.07	120.0	557.46	-14.00	-1.42	-4.82	0.0	0.0
		-1615.17	0.0	4.38e-03	0.0	0.0	638.24	31.88	-1.51	-4.93	181.13	-1615.17
						60.0	629.76	16.27	-1.51	-4.93	90.57	-86.48
141	91	135.51	155.02	8.83e-03	-34.62	120.0	612.11	-16.20	-1.51	-4.93	0.0	0.0
		-1171.12	0.0	4.12e-03	0.0	0.0	517.24	23.69	-1.29	-4.45	155.02	-1171.12
						60.0	510.59	11.45	-1.29	-4.45	77.51	-66.20
141	92	162.20	165.88	0.01	-40.39	120.0	498.42	-10.93	-1.29	-4.45	0.0	0.0
		-1368.56	0.0	4.35e-03	0.0	0.0	575.02	27.26	-1.38	-4.56	165.88	-1368.56
						60.0	567.58	13.57	-1.38	-4.56	82.94	-78.39
142	5	719.88	-338.92	0.02	-44.43	120.0	553.07	-13.13	-1.38	-4.56	0.0	0.0
		-368.16	-1053.21	5.04e-03	0.0	0.0	305.25	24.51	-4.36	-4.99	-338.92	-63.73
						81.9	321.01	-3.94	-4.36	-4.99	-696.06	694.13
142	11	3072.92	-647.71	-7.36e-03	-181.81	163.9	329.87	-19.92	-4.36	-4.99	-1053.21	-368.16
		-763.54	-2620.61	7.84e-03	0.0	0.0	546.53	116.56	-12.04	95.26	-647.71	-693.78
						81.9	618.58	-13.46	-12.04	95.26	-1634.16	2995.31
142	27	973.59	-368.25	0.02	-57.59	163.9	647.28	-65.26	-12.04	95.26	-2620.61	-763.54
		-694.72	-1486.20	7.01e-03	0.0	0.0	550.53	30.25	-6.83	-2.65	-368.25	107.63
						81.9	571.77	-8.06	-6.83	-2.65	-927.22	886.08
142	31	1036.68	-500.71	0.03	-57.59	163.9	582.45	-27.34	-6.83	-2.65	-1486.20	-694.72
		-926.36	-1439.28	7.33e-03	0.0	0.0	747.76	27.46	-5.83	-5.65	-500.71	332.56
						81.9	768.99	-10.85	-5.83	-5.65	-970.00	882.72
142	36	981.51	-241.43	2.30e-03	-57.59	163.9	779.67	-30.13	-5.83	-5.65	-1439.28	-926.36
		-440.88	-1132.60	3.86e-03	0.0	0.0	-41.75	38.11	-5.32	10.70	-241.43	-440.88
						81.9	-20.52	-0.21	-5.32	10.70	-687.01	981.51
142	39	1034.97	-491.53	0.03	-57.59	163.9	-9.84	-19.49	-5.32	10.70	-1132.60	44.65
		-932.99	-1456.43	8.57e-03	0.0	0.0	760.86	27.42	-5.97	-5.50	-491.53	333.07
						81.9	782.09	-10.90	-5.97	-5.50	-973.98	879.66
142	42	1010.15	-277.21	-2.95e-03	-57.59	163.9	792.77	-30.17	-5.97	-5.50	-1456.43	-932.99
		-485.13	-996.84	2.78e-03	0.0	0.0	-119.39	38.99	-4.31	12.67	-277.21	-485.13
						81.9	-98.15	0.68	-4.31	12.67	-637.03	1010.15
142	59	974.06	-363.84	0.02	-57.59	163.9	-87.47	-18.60	-4.31	12.67	-996.84	146.18
		-776.15	-1556.34	7.41e-03	0.0	0.0	612.63	29.46	-7.28	-4.34	-363.84	157.25
						81.9	633.86	-8.86	-7.28	-4.34	-960.09	870.17
142	63	1067.58	-532.17	0.03	-57.59	163.9	644.54	-28.13	-7.28	-4.34	-1556.34	-776.15
		-1070.38	-1496.74	7.81e-03	0.0	0.0	863.15	25.91	-6.02	-8.14	-532.17	442.97
						81.9	884.38	-12.41	-6.02	-8.14	-1014.46	865.91
142	68	991.40	-202.74	-3.96e-03	-57.59	163.9	895.06	-31.68	-6.02	-8.14	-1496.74	-1070.38
		-539.47	-1107.18	3.42e-03	0.0	0.0	-139.71	39.43	-5.37	12.63	-202.74	-539.47
						81.9	-118.48	1.11	-5.37	12.63	-654.96	991.40
142	71	1065.40	-520.55	0.03	-57.59	163.9	-107.80	-18.16	-5.37	12.63	-1107.18	163.03
		-1078.81	-1518.53	9.41e-03	0.0	0.0	879.79	25.86	-6.20	-7.96	-520.55	443.62
						81.9	901.02	-12.46	-6.20	-7.96	-1019.54	862.02
142	74	1032.84	-248.19	-5.02e-03	-57.59	163.9	911.70	-31.73	-6.20	-7.96	-1518.53	-1078.81
		-595.67	-934.75	2.11e-03	0.0	0.0	-238.32	40.56	-4.08	15.13	-248.19	-595.67
						81.9	-217.09	2.24	-4.08	15.13	-591.47	1027.78
142	79	809.73	-357.13	0.02	-49.16	163.9	-206.41	-17.03	-4.08	15.13	-934.75	292.01
		-377.60	-1114.46	5.20e-03	0.0	0.0	311.86	27.66	-4.62	-1.97	-357.13	-73.04
						81.9	329.59	-4.33	-4.62	-1.97	-735.80	781.52
142	85	2096.68	-467.28	6.51e-03	-124.61	163.9	339.10	-21.49	-4.62	-1.97	-1114.46	-377.60
		-553.08	-1854.83	5.79e-03	0.0	0.0	401.53	79.29	-8.47	61.23	-467.28	-466.05
						81.9	450.61	-9.29	-8.47	61.23	-1161.06	2042.82
142	86	809.73	-357.13	0.02	-49.16	163.9	470.58	-45.32	-8.47	61.23	-1854.83	-553.08
		-377.60	-1114.46	5.20e-03	0.0	0.0	311.86	27.66	-4.62	-1.97	-357.13	-73.04
						81.9	329.59	-4.33	-4.62	-1.97	-735.80	781.52
142	90	1157.03	-393.69	0.01	-68.75	163.9	339.10	-21.49	-4.62	-1.97	-1114.46	-377.60
		-421.12	-1322.36	5.50e-03	0.0	0.0	334.53	40.95	-5.67	13.63	-393.69	-153.24
						81.9	360.39	-5.74	-5.67	13.63	-858.03	1120.92
142	91	809.73	-357.13	0.02	-49.16	163.9	372.62	-27.80	-5.67	13.63	-1322.36	-421.12
		-377.60	-1114.46	5.20e-03	0.0	0.0	311.86	27.66	-4.62	-1.97	-357.13	-73.04
						81.9	329.59	-4.33	-4.62	-1.97	-735.80	781.52
142	92	978.31	-384.37	0.01	-57.59	163.9	339.10	-21.49	-4.62	-1.97	-1114.46	-377.60
		-393.40	-1226.64	5.56e-03	0.0	0.0	320.74	33.21	-5.14	3.58	-384.37	-76.03
						81.9	341.97	-5.11	-5.14	3.58	-805.50	944.90
143	5	874.15	1323.88	-5.32e-03	-41.55	163.9	352.65	-24.38	-5.14	3.58	-1226.64	-393.40
		-1169.70	-419.35	-0.01	0.0	0.0	112.43	36.34	10.64	-0.29	-419.35	-1169.70
						81.9	127.00	10.05	10.64	-0.29	452.27	655.26
143	11	2757.06	3489.74	-0.04	-163.73	163.9	135.46	-5.21	10.64	-0.29	1323.88	778.06
						0.0	350.47	150.98	29.53	-85.61	-1348.49	-5063.62

		-5063.62	-1348.49	-0.02	0.0	81.9	415.00	34.52	29.53	-85.61	1070.63	2063.22
						163.9	441.20	-12.75	29.53	-85.61	3489.74	2482.63
143	34	976.40	1831.12	-2.52e-03	-53.19	0.0	452.34	48.39	15.50	-12.69	-709.62	-1752.74
		-1752.74	-709.62	-0.01	0.0	81.9	471.75	13.38	15.50	-12.69	560.75	661.55
						163.9	481.82	-4.80	15.50	-12.69	1831.12	896.91
143	44	956.77	1953.11	3.63e-03	-53.19	0.0	490.00	47.95	16.83	-10.17	-805.43	-1710.43
		-1710.43	-805.43	-0.02	0.0	81.9	509.40	12.93	16.83	-10.17	573.84	665.75
						163.9	519.47	-5.24	16.83	-10.17	1953.11	862.98
143	45	1184.44	1189.96	-0.02	-53.19	0.0	-229.99	47.30	8.82	-5.82	-255.33	-1405.89
		-1405.89	-255.33	-6.81e-03	0.0	81.9	-210.59	12.28	8.82	-5.82	467.31	922.98
						163.9	-200.52	-5.89	8.82	-5.82	1189.96	1072.91
143	66	950.92	1901.28	1.72e-03	-53.19	0.0	539.45	48.60	16.23	-13.96	-758.05	-1805.34
		-1805.34	-758.05	-0.01	0.0	81.9	558.85	13.58	16.23	-13.96	571.62	625.64
						163.9	568.92	-4.59	16.23	-13.96	1901.28	877.69
143	76	926.02	2056.26	6.66e-03	-53.19	0.0	587.30	48.04	17.91	-10.76	-879.76	-1751.59
		-1751.59	-879.76	-0.02	0.0	81.9	606.71	13.02	17.91	-10.76	588.25	630.99
						163.9	616.78	-5.15	17.91	-10.76	2056.26	834.63
143	77	1215.62	1086.81	-0.02	-53.19	0.0	-327.30	47.21	7.74	-5.23	-181.00	-1364.72
		-1364.72	-181.00	-5.09e-03	0.0	81.9	-307.90	12.19	7.74	-5.23	452.90	957.74
						163.9	-297.83	-5.98	7.74	-5.23	1086.81	1101.26
143	79	943.59	1412.45	-6.31e-03	-45.73	0.0	119.31	40.38	11.41	-3.00	-457.65	-1308.81
		-1308.81	-457.65	-0.01	0.0	81.9	135.61	10.96	11.41	-3.00	477.40	704.66
						163.9	144.65	-5.35	11.41	-3.00	1412.45	844.82
143	85	1917.76	2455.78	-0.03	-112.47	0.0	244.97	103.34	20.69	-55.66	-934.48	-3457.51
		-3457.51	-934.48	-0.02	0.0	81.9	289.01	23.87	20.69	-55.66	760.65	1436.50
						163.9	307.29	-9.12	20.69	-55.66	2455.78	1723.23
143	86	943.59	1412.45	-6.31e-03	-45.73	0.0	119.31	40.38	11.41	-3.00	-457.65	-1308.81
		-1308.81	-457.65	-0.01	0.0	81.9	135.61	10.96	11.41	-3.00	477.40	704.66
						163.9	144.65	-5.35	11.41	-3.00	1412.45	844.82
143	90	1205.39	1705.96	-0.01	-63.06	0.0	150.14	56.84	14.02	-16.20	-591.81	-1871.54
		-1871.54	-591.81	-0.01	0.0	81.9	173.65	14.42	14.02	-16.20	557.08	898.87
						163.9	185.08	-6.22	14.02	-16.20	1705.96	1086.17
143	91	943.59	1412.45	-6.31e-03	-45.73	0.0	119.31	40.38	11.41	-3.00	-457.65	-1308.81
		-1308.81	-457.65	-0.01	0.0	81.9	135.61	10.96	11.41	-3.00	477.40	704.66
						163.9	144.65	-5.35	11.41	-3.00	1412.45	844.82
143	92	1070.60	1571.54	-8.12e-03	-53.19	0.0	130.00	47.63	12.83	-8.00	-530.38	-1558.16
		-1558.16	-530.38	-0.01	0.0	81.9	149.40	12.61	12.83	-8.00	520.58	794.37
						163.9	159.47	-5.56	12.83	-8.00	1571.54	967.95
236	5	1442.64	0.0	-0.05	-43.67	0.0	-1012.30	33.67	-0.27	-38.73	0.0	0.0
		0.0	-39.88	5.88e-03	0.0	75.0	-998.09	5.48	-0.27	-38.73	-19.94	1388.62
						150.0	-990.29	-10.00	-0.27	-38.73	-39.88	1139.69
236	11	3408.78	0.0	-0.17	-186.36	0.0	-2440.38	117.91	-3.05	-0.29	0.0	0.0
		-356.40	-457.45	0.02	0.0	75.0	-2372.92	-15.93	-3.05	-0.29	-228.72	3316.01
						150.0	-2346.45	-68.44	-3.05	-0.29	-457.45	-356.40
236	14	2866.81	0.0	-0.15	-162.17	0.0	-2040.91	101.46	-2.75	7.03	0.0	0.0
		-541.81	-411.80	0.02	0.0	75.0	-1981.90	-15.61	-2.75	7.03	-205.90	2769.76
						150.0	-1959.17	-60.71	-2.75	7.03	-411.80	-541.81
236	16	1802.58	58.01	-0.07	-57.10	0.0	-889.18	44.16	0.39	-30.39	0.0	0.0
		0.0	0.0	-5.20e-03	0.0	75.0	-869.89	5.89	0.39	-30.39	29.00	1755.26
						150.0	-860.40	-12.94	0.39	-30.39	58.01	1369.34
236	17	1336.14	0.0	-0.04	-57.10	0.0	-1366.85	38.57	-1.46	-36.66	0.0	0.0
		0.0	-218.61	0.02	0.0	75.0	-1347.56	0.30	-1.46	-36.66	-109.31	1336.14
						150.0	-1338.07	-18.53	-1.46	-36.66	-218.61	531.09
236	24	1844.72	168.79	-0.08	-57.10	0.0	-902.07	44.61	1.13	-31.40	0.0	0.0
		0.0	0.0	3.32e-04	0.0	75.0	-882.78	6.34	1.13	-31.40	84.39	1788.98
						150.0	-873.29	-12.49	1.13	-31.40	168.79	1436.77
236	27	1792.49	321.51	-0.07	-57.10	0.0	-988.77	44.05	2.14	-23.59	0.0	0.0
		0.0	0.0	-4.55e-03	0.0	75.0	-969.48	5.78	2.14	-23.59	160.76	1747.19
						150.0	-959.99	-13.05	2.14	-23.59	321.51	1353.19
236	30	1344.21	0.0	-0.05	-57.10	0.0	-1267.25	38.68	-3.21	-43.46	0.0	0.0
		0.0	-482.12	0.02	0.0	75.0	-1247.97	0.41	-3.21	-43.46	-241.06	1344.21
						150.0	-1238.48	-18.42	-3.21	-43.46	-482.12	547.24
236	48	1873.31	95.43	-0.08	-57.10	0.0	-824.66	44.91	0.64	-29.54	0.0	0.0
		0.0	0.0	-8.48e-03	0.0	75.0	-805.37	6.64	0.64	-29.54	47.72	1811.85
						150.0	-795.88	-12.19	0.64	-29.54	95.43	1482.51
236	49	1279.55	0.0	-0.04	-57.10	0.0	-1431.37	37.81	-1.71	-37.52	0.0	0.0
		0.0	-256.04	0.02	0.0	75.0	-1412.08	-0.45	-1.71	-37.52	-128.02	1279.55
						150.0	-1402.59	-19.28	-1.71	-37.52	-256.04	417.92
236	56	1927.24	236.83	-0.08	-57.10	0.0	-840.74	45.49	1.58	-30.82	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	75.0	-821.46	7.22	1.58	-30.82	118.41	1854.99
						150.0	-811.96	-11.61	1.58	-30.82	236.83	1568.80
236	59	1860.89	431.11	-0.07	-57.10	0.0	-951.00	44.78	2.87	-20.89	0.0	0.0
		0.0	0.0	-7.68e-03	0.0	75.0	-931.71	6.51	2.87	-20.89	215.55	1801.91
						150.0	-922.22	-12.32	2.87	-20.89	431.11	1462.63
236	62	1289.49	0.0	-0.05	-57.10	0.0	-1305.03	37.95	-3.94	-46.16	0.0	0.0
		0.0	-591.71	0.02	0.0	75.0	-1285.74	-0.32	-3.94	-46.16	-295.86	1289.49
						150.0	-1276.25	-19.15	-3.94	-46.16	-591.71	437.80

236	79	1477.80	0.0	-0.05	-48.49	0.0	-1053.95	36.43	-0.36	-36.86	0.0	0.0
		0.0	-54.53	6.28e-03	0.0	75.0	-1037.91	4.62	-0.36	-36.86	-27.27	1445.00
						150.0	-1029.51	-12.06	-0.36	-36.86	-54.53	1071.65
236	85	2415.51	0.0	-0.12	-127.49	0.0	-1739.68	81.63	-2.02	-6.35	0.0	0.0
		-49.35	-302.47	0.01	0.0	75.0	-1693.79	-9.43	-2.02	-6.35	-151.24	2365.75
						150.0	-1675.42	-45.86	-2.02	-6.35	-302.47	-49.35
236	86	1477.80	0.0	-0.05	-48.49	0.0	-1053.95	36.43	-0.36	-36.86	0.0	0.0
		0.0	-54.53	6.28e-03	0.0	75.0	-1037.91	4.62	-0.36	-36.86	-27.27	1445.00
						150.0	-1029.51	-12.06	-0.36	-36.86	-54.53	1071.65
236	88	1588.67	0.0	-0.06	-60.27	0.0	-1156.53	43.17	-0.61	-32.31	0.0	0.0
		0.0	-92.09	7.28e-03	0.0	75.0	-1136.04	2.52	-0.61	-32.31	-46.05	1582.15
						150.0	-1126.15	-17.10	-0.61	-32.31	-92.09	904.12
236	90	1682.86	0.0	-0.07	-68.88	0.0	-1230.60	48.10	-0.79	-28.98	0.0	0.0
		0.0	-117.86	7.95e-03	0.0	75.0	-1206.85	1.00	-0.79	-28.98	-58.93	1682.86
						150.0	-1195.88	-20.78	-0.79	-28.98	-117.86	782.68
236	91	1477.80	0.0	-0.05	-48.49	0.0	-1053.95	36.43	-0.36	-36.86	0.0	0.0
		0.0	-54.53	6.28e-03	0.0	75.0	-1037.91	4.62	-0.36	-36.86	-27.27	1445.00
						150.0	-1029.51	-12.06	-0.36	-36.86	-54.53	1071.65
236	92	1558.47	0.0	-0.06	-57.10	0.0	-1128.01	41.36	-0.54	-33.53	0.0	0.0
		0.0	-80.30	6.95e-03	0.0	75.0	-1108.73	3.10	-0.54	-33.53	-40.15	1545.70
						150.0	-1099.23	-15.74	-0.54	-33.53	-80.30	950.22
237	5	1423.44	146.56	-0.06	-40.56	0.0	-966.35	31.90	0.98	16.29	0.0	0.0
		0.0	0.0	-9.41e-03	0.0	75.0	-953.32	6.04	0.98	16.29	73.28	1353.10
						150.0	-945.91	-8.65	0.98	16.29	146.56	1185.34
237	9	2816.34	354.14	-0.17	-139.98	0.0	-2053.35	91.55	2.36	21.34	0.0	0.0
		0.0	0.0	-4.88e-03	0.0	75.0	-2003.42	-7.51	2.36	21.34	177.07	2788.40
						150.0	-1982.80	-48.42	2.36	21.34	354.14	327.59
237	11	3164.56	399.97	-0.20	-166.42	0.0	-2295.45	106.74	2.67	21.01	0.0	0.0
		-38.66	0.0	-2.23e-03	0.0	75.0	-2235.52	-12.15	2.67	21.01	199.99	3101.13
						150.0	-2211.56	-59.68	2.67	21.01	399.97	-38.66
237	14	2651.11	338.82	-0.17	-144.53	0.0	-1916.52	91.58	2.26	16.21	0.0	0.0
		-259.51	0.0	-6.71e-04	0.0	75.0	-1864.18	-12.25	2.26	16.21	169.41	2580.10
						150.0	-1843.67	-52.94	2.26	16.21	338.82	-259.51
237	20	1511.70	0.0	-0.08	-52.34	0.0	-934.17	38.64	-3.10	2.14	0.0	0.0
		0.0	-464.84	0.01	0.0	75.0	-916.68	3.93	-3.10	2.14	-232.42	1489.74
						150.0	-907.79	-13.71	-3.10	2.14	-464.84	1016.59
237	21	1517.91	799.09	-0.07	-52.34	0.0	-1214.28	38.71	5.33	30.17	0.0	0.0
		0.0	0.0	-0.03	0.0	75.0	-1196.79	4.01	5.33	30.17	399.55	1495.25
						150.0	-1187.89	-13.63	5.33	30.17	799.09	1027.62
237	23	1688.79	0.0	-0.09	-52.34	0.0	-823.32	40.59	-0.78	7.63	0.0	0.0
		0.0	-117.56	-3.63e-03	0.0	75.0	-805.83	5.89	-0.78	7.63	-58.78	1636.37
						150.0	-796.94	-11.75	-0.78	7.63	-117.56	1309.86
237	26	1352.94	451.81	-0.05	-52.34	0.0	-1325.13	36.75	3.01	24.68	0.0	0.0
		0.0	0.0	-0.01	0.0	75.0	-1307.64	2.05	3.01	24.68	225.91	1348.62
						150.0	-1298.75	-15.59	3.01	24.68	451.81	734.35
237	43	1808.72	419.46	-0.09	-52.34	0.0	-877.11	41.87	2.80	23.80	0.0	0.0
		0.0	0.0	-0.01	0.0	75.0	-859.62	7.17	2.80	23.80	209.73	1732.32
						150.0	-850.73	-10.47	2.80	23.80	419.46	1501.74
237	45	1742.19	639.33	-0.08	-52.34	0.0	-999.34	41.16	4.26	30.88	0.0	0.0
		0.0	0.0	-0.02	0.0	75.0	-981.85	6.46	4.26	30.88	319.66	1679.10
						150.0	-972.96	-11.18	4.26	30.88	639.33	1395.30
237	52	1510.69	0.0	-0.08	-52.34	0.0	-896.40	38.62	-4.24	-1.64	0.0	0.0
		0.0	-635.67	0.02	0.0	75.0	-878.91	3.92	-4.24	-1.64	-317.83	1488.84
						150.0	-870.02	-13.72	-4.24	-1.64	-635.67	1014.79
237	53	1518.92	969.92	-0.07	-52.34	0.0	-1252.05	38.72	6.47	33.95	0.0	0.0
		0.0	0.0	-0.03	0.0	75.0	-1234.55	4.02	6.47	33.95	484.96	1496.15
						150.0	-1225.66	-13.62	6.47	33.95	969.92	1029.42
237	55	1737.45	0.0	-0.09	-52.34	0.0	-755.17	41.11	-1.30	5.32	0.0	0.0
		0.0	-194.89	-2.37e-03	0.0	75.0	-737.68	6.41	-1.30	5.32	-97.44	1675.30
						150.0	-728.78	-11.23	-1.30	5.32	-194.89	1387.71
237	58	1309.70	529.14	-0.05	-52.34	0.0	-1393.28	36.23	3.53	26.99	0.0	0.0
		0.0	0.0	-0.01	0.0	75.0	-1375.79	1.53	3.53	26.99	264.57	1309.70
						150.0	-1366.90	-16.11	3.53	26.99	529.14	656.50
237	75	1897.12	488.08	-0.10	-52.34	0.0	-823.22	42.74	3.25	25.87	0.0	0.0
		0.0	0.0	-0.01	0.0	75.0	-805.73	8.04	3.25	25.87	244.04	1797.74
						150.0	-796.84	-9.60	3.25	25.87	488.08	1632.58
237	77	1805.98	767.59	-0.09	-52.34	0.0	-978.65	41.84	5.12	34.86	0.0	0.0
		0.0	0.0	-0.02	0.0	75.0	-961.16	7.14	5.12	34.86	383.80	1730.13
						150.0	-952.27	-10.50	5.12	34.86	767.59	1497.37
237	79	1452.59	154.03	-0.06	-44.79	0.0	-1005.05	34.33	1.03	16.25	0.0	0.0
		0.0	0.0	-9.01e-03	0.0	75.0	-990.42	5.30	1.03	16.25	77.02	1403.14
						150.0	-982.48	-10.46	1.03	16.25	154.03	1126.75
237	83	2019.08	251.65	-0.12	-96.47	0.0	-1477.10	63.99	1.68	16.42	0.0	0.0
		0.0	0.0	-4.72e-03	0.0	75.0	-1442.93	-3.80	1.68	16.42	125.83	2012.65
						150.0	-1428.48	-32.48	1.68	16.42	251.65	407.69
237	85	2251.23	282.20	-0.14	-114.10	0.0	-1638.50	74.12	1.88	16.20	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	75.0	-1597.66	-6.90	1.88	16.20	141.10	2221.15

237	86	1452.59	154.03	-0.06	-44.79	150.0	-1580.99	-39.98	1.88	16.20	282.20	163.52
		0.0	0.0	-9.01e-03	0.0	0.0	-1005.05	34.33	1.03	16.25	0.0	0.0
						75.0	-990.42	5.30	1.03	16.25	77.02	1403.14
237	88	1541.95	173.56	-0.07	-55.12	150.0	-982.48	-10.46	1.03	16.25	154.03	1126.75
		0.0	0.0	-8.16e-03	0.0	0.0	-1099.46	40.26	1.16	16.28	0.0	0.0
						75.0	-1080.92	3.48	1.16	16.28	86.78	1525.05
237	90	1616.74	186.65	-0.08	-62.68	150.0	-1071.68	-14.86	1.16	16.28	173.56	982.94
		0.0	0.0	-7.38e-03	0.0	0.0	-1168.63	44.60	1.24	16.19	0.0	0.0
						75.0	-1147.24	2.15	1.24	16.19	93.32	1614.40
237	91	1452.59	154.03	-0.06	-44.79	150.0	-1137.04	-18.08	1.24	16.19	186.65	878.29
		0.0	0.0	-9.01e-03	0.0	0.0	-1005.05	34.33	1.03	16.25	0.0	0.0
						75.0	-990.42	5.30	1.03	16.25	77.02	1403.14
237	92	1514.81	167.13	-0.07	-52.34	150.0	-982.48	-10.46	1.03	16.25	154.03	1126.75
		0.0	0.0	-8.24e-03	0.0	0.0	-1074.22	38.67	1.11	16.15	0.0	0.0
						75.0	-1056.73	3.97	1.11	16.15	83.56	1492.50
238	1	7352.10	1280.95	-0.06	-46.79	150.0	-1047.84	-13.67	1.11	16.15	167.13	1022.10
		-1.416e+04	-539.79	7.81e-03	0.0	0.0	-1586.22	191.07	-14.57	-67.90	1280.95	-1.416e+04
						62.5	-1594.60	174.44	-14.57	-67.90	370.58	-2674.75
238	5	4867.17	960.55	-0.04	-30.76	125.0	-1609.80	144.28	-14.57	-67.90	-539.79	7352.10
		-9433.69	-464.47	6.45e-03	0.0	0.0	-1126.67	127.23	-11.40	-54.63	960.55	-9433.69
						62.5	-1132.46	115.75	-11.40	-54.63	248.04	-1802.73
238	11	1.830e+04	1637.81	-0.15	-119.34	125.0	-1142.17	96.47	-11.40	-54.63	-464.47	4867.17
		-3.445e+04	132.73	-1.43e-03	0.0	0.0	-2883.52	465.25	-12.04	-33.91	1637.81	-3.445e+04
						62.5	-2901.04	430.48	-12.04	-33.91	885.27	-6211.45
238	19	5549.26	2890.40	-0.06	-38.99	125.0	-2943.67	345.91	-12.04	-33.91	132.73	1.830e+04
		-1.239e+04	-1444.96	0.02	0.0	0.0	-1472.06	161.16	-34.68	-46.38	2890.40	-1.239e+04
						62.5	-1478.89	147.62	-34.68	-46.38	722.72	-2809.42
238	22	6667.49	672.14	-0.04	-38.99	125.0	-1491.71	122.17	-34.68	-46.38	-1444.96	5549.26
		-1.108e+04	-891.78	-6.67e-03	0.0	0.0	-1491.71	122.17	-34.68	-46.38	-1444.96	5549.26
						62.5	-1082.73	141.93	12.50	-55.39	-891.78	-1.108e+04
238	24	5537.49	4361.14	-0.04	-38.99	125.0	-1095.56	116.48	12.50	-55.39	-109.82	-1598.09
		-1.192e+04	-2877.48	5.78e-03	0.0	0.0	-1095.56	116.48	12.50	-55.39	672.14	6667.49
						62.5	-1377.11	158.88	-57.91	-51.74	4361.14	-1.192e+04
238	30	6740.92	1330.82	-0.05	-38.99	125.0	-1383.94	145.34	-57.91	-51.74	741.83	-2580.58
		-1.119e+04	-1451.99	2.58e-03	0.0	0.0	-1396.77	119.89	-57.91	-51.74	-2877.48	5537.49
						62.5	-1106.49	155.11	22.27	-39.46	-1451.99	-1.119e+04
238	31	5890.38	674.83	-0.06	-38.99	125.0	-1113.32	141.56	22.27	-39.46	-60.58	-1616.30
		-1.255e+04	44.90	0.01	0.0	0.0	-1126.14	116.12	22.27	-39.46	1330.82	6740.92
						62.5	-1407.29	164.12	5.03	-61.58	44.90	-1.255e+04
238	51	5397.62	3398.72	-0.06	-38.99	125.0	-1414.12	150.58	5.03	-61.58	359.87	-2720.30
		-1.256e+04	-1728.31	0.02	0.0	0.0	-1426.94	125.13	5.03	-61.58	674.83	5890.38
						62.5	-1525.89	161.90	-41.02	-45.19	3398.72	-1.256e+04
238	54	6819.13	955.50	-0.04	-38.99	125.0	-1532.72	148.36	-41.02	-45.19	835.20	-2973.60
		-1.090e+04	-1400.10	-0.01	0.0	0.0	-1545.55	122.91	-41.02	-45.19	-1728.31	5397.62
						62.5	-1022.07	154.73	18.84	-56.58	-1400.10	-1.090e+04
238	56	5381.59	5273.98	-0.04	-38.99	125.0	-1028.90	141.19	18.84	-56.58	-222.30	-1433.90
		-1.197e+04	-3553.55	5.80e-03	0.0	0.0	-1041.73	115.74	18.84	-56.58	955.50	6819.13
						62.5	-1405.29	159.04	-70.62	-51.89	5273.98	-1.197e+04
238	62	6913.90	1795.16	-0.05	-38.99	125.0	-1412.12	145.49	-70.62	-51.89	860.22	-2683.27
		-1.104e+04	-2116.33	1.73e-03	0.0	0.0	-1424.94	120.05	-70.62	-51.89	-3553.55	5381.59
						62.5	-1060.69	154.24	31.30	-36.44	-2116.33	-1.104e+04
238	63	5831.86	968.39	-0.06	-38.99	125.0	-1067.52	140.69	31.30	-36.44	-160.58	-1455.98
		-1.277e+04	-219.35	0.01	0.0	0.0	-1080.34	115.25	31.30	-36.44	1795.16	6913.90
						62.5	-1443.54	165.69	9.49	-64.46	-219.35	-1.277e+04
238	79	5312.73	974.56	-0.04	-33.72	125.0	-1450.37	152.15	9.49	-64.46	374.52	-2860.63
		-1.026e+04	-436.64	6.20e-03	0.0	0.0	-1463.20	126.70	9.49	-64.46	968.39	5831.86
						62.5	-1179.52	138.39	-11.29	-53.27	974.56	-1.026e+04
238	85	1.261e+04	1212.47	-0.10	-82.08	125.0	-1185.68	126.17	-11.29	-53.27	268.96	-1946.73
		-2.379e+04	11.71	1.65e-03	0.0	0.0	-1196.51	104.67	-11.29	-53.27	-436.64	5312.73
						62.5	-2044.38	321.18	-9.61	-30.61	1212.47	-2.379e+04
238	86	5312.73	974.56	-0.04	-33.72	125.0	-2056.64	296.86	-9.61	-30.61	612.09	-4304.53
		-1.026e+04	-436.64	6.20e-03	0.0	0.0	-2085.76	239.09	-9.61	-30.61	11.71	1.261e+04
						62.5	-1179.52	138.39	-11.29	-53.27	974.56	-1.026e+04
238	90	7196.95	1035.34	-0.06	-46.20	125.0	-1185.68	126.17	-11.29	-53.27	268.96	-1946.73
		-1.375e+04	-320.18	5.05e-03	0.0	0.0	-1196.51	104.67	-11.29	-53.27	-436.64	5312.73
						62.5	-1402.87	185.58	-10.85	-47.47	1035.34	-1.375e+04
238	91	5312.73	974.56	-0.04	-33.72	125.0	-1410.61	170.23	-10.85	-47.47	357.58	-2555.37
		-1.026e+04	-436.64	6.20e-03	0.0	0.0	-1426.16	139.37	-10.85	-47.47	-320.18	7196.95
						62.5	-1179.52	138.39	-11.29	-53.27	974.56	-1.026e+04
238	92	6108.37	999.31	-0.05	-38.99	125.0	-1185.68	126.17	-11.29	-53.27	268.96	-1946.73
		-1.173e+04	-386.41	5.74e-03	0.0	0.0	-1196.51	104.67	-11.29	-53.27	-436.64	5312.73
						62.5	-1273.98	158.32	-11.09	-50.88	999.31	-1.173e+04
239	5	4589.70	778.99	-0.03	-30.13	125.0	-1280.81	144.77	-11.09	-50.88	306.45	-2203.75
		-8442.75	-932.93	-7.87e-03	0.0	0.0	-1293.64	119.33	-11.09	-50.88	-386.41	6108.37
						62.5	-1165.84	116.87	13.70	11.10	-932.93	-8442.75
239	11	1.718e+04	2185.61	-0.13	-115.28	125.0	-1171.55	105.54	13.70	11.10	-76.97	-1455.89
						0.0	-1181.03	86.74	13.70	11.10	778.99	4589.70
						0.0	-2945.95	437.29	34.76	184.55	-2158.15	-3.225e+04

		-3.225e+04	-2158.15	-0.02	0.0	62.5	-2962.96	403.53	34.76	184.55	13.73	-5738.25
						125.0	-3004.06	322.01	34.76	184.55	2185.61	1.718e+04
239	15	6192.49	2762.53	-0.04	-38.02	0.0	-1425.28	159.39	46.14	41.43	-3009.97	-1.177e+04
		-1.177e+04	-3009.97	-0.02	0.0	62.5	-1431.99	146.09	46.14	41.43	-123.72	-2193.02
						125.0	-1444.45	121.37	46.14	41.43	2762.53	6192.49
239	20	5740.09	2081.16	-0.04	-38.02	0.0	-1499.53	155.59	33.62	49.86	-2121.98	-1.191e+04
		-1.191e+04	-2121.98	-0.02	0.0	62.5	-1506.24	142.29	33.62	49.86	-20.41	-2491.59
						125.0	-1518.70	117.57	33.62	49.86	2081.16	5740.09
239	28	5657.05	1659.28	-0.04	-38.02	0.0	-1546.25	151.65	28.87	39.33	-1947.96	-1.163e+04
		-1.163e+04	-1947.96	-0.01	0.0	62.5	-1552.96	138.35	28.87	39.33	-144.34	-2391.01
						125.0	-1565.42	113.63	28.87	39.33	1659.28	5657.05
239	29	5845.18	139.34	-0.03	-38.02	0.0	-1257.99	141.26	2.00	18.34	-110.83	-9671.32
		-9671.32	-110.83	-6.24e-03	0.0	62.5	-1086.70	127.95	2.00	18.34	14.26	-1319.19
						125.0	-1099.16	103.23	2.00	18.34	139.34	5845.18
239	31	6598.12	2597.20	-0.03	-38.02	0.0	-1250.84	156.67	44.59	21.31	-2985.52	-1.078e+04
		-1.078e+04	-2985.52	-0.01	0.0	62.5	-1257.55	143.37	44.59	21.31	-194.16	-1495.69
						125.0	-1270.01	118.65	44.59	21.31	2597.20	6598.12
239	47	6314.51	3269.78	-0.04	-38.02	0.0	-1455.32	162.92	54.50	44.84	-3548.56	-1.207e+04
		-1.207e+04	-3548.56	-0.02	0.0	62.5	-1462.03	149.62	54.50	44.84	-139.39	-2282.84
						125.0	-1474.49	124.90	54.50	44.84	3269.78	6314.51
239	52	5737.50	2400.84	-0.04	-38.02	0.0	-1549.80	158.06	38.54	55.55	-2417.06	-1.225e+04
		-1.225e+04	-2417.06	-0.02	0.0	62.5	-1556.51	144.76	38.54	55.55	-8.11	-2663.52
						125.0	-1568.97	120.04	38.54	55.55	2400.84	5737.50
239	60	5629.46	1865.41	-0.04	-38.02	0.0	-1609.47	153.06	32.51	42.16	-2197.33	-1.189e+04
		-1.189e+04	-2197.33	-0.01	0.0	62.5	-1616.17	139.76	32.51	42.16	-165.96	-2537.86
						125.0	-1628.63	115.04	32.51	42.16	1865.41	5629.46
239	61	5872.77	138.55	-0.03	-38.02	0.0	-1016.78	139.84	-1.64	15.51	138.55	-9405.20
		-9405.20	-66.79	-5.43e-03	0.0	62.5	-1023.48	126.54	-1.64	15.51	35.88	-1172.33
						125.0	-1035.94	101.82	-1.64	15.51	-66.79	5872.77
239	63	6831.27	3062.02	-0.03	-38.02	0.0	-1233.72	159.48	52.56	19.28	-3519.04	-1.081e+04
		-1.081e+04	-3519.04	-0.01	0.0	62.5	-1240.42	146.18	52.56	19.28	-228.51	-1395.62
						125.0	-1252.88	121.46	52.56	19.28	3062.02	6831.27
239	79	5006.66	822.30	-0.03	-32.96	0.0	-1218.84	127.49	14.32	17.46	-967.62	-9234.66
		-9234.66	-967.62	-8.38e-03	0.0	62.5	-1224.91	115.45	14.32	17.46	-72.66	-1599.12
						125.0	-1235.45	94.53	14.32	17.46	822.30	5006.66
239	85	1.184e+04	1537.83	-0.09	-79.36	0.0	-2091.15	301.44	24.67	121.12	-1544.66	-2.221e+04
		-2.221e+04	-1544.66	-0.02	0.0	62.5	-2103.06	277.81	24.67	121.12	-3.41	-3943.23
						125.0	-2131.15	222.09	24.67	121.12	1537.83	1.184e+04
239	86	5006.66	822.30	-0.03	-32.96	0.0	-1218.84	127.49	14.32	17.46	-967.62	-9234.66
		-9234.66	-967.62	-8.38e-03	0.0	62.5	-1224.91	115.45	14.32	17.46	-72.66	-1599.12
						125.0	-1235.45	94.53	14.32	17.46	822.30	5006.66
239	90	6770.35	1006.48	-0.05	-44.94	0.0	-1443.59	172.39	16.99	44.26	-1115.97	-1.258e+04
		-1.258e+04	-1115.97	-0.01	0.0	62.5	-1451.16	157.36	16.99	44.26	-54.75	-2204.46
						125.0	-1466.24	127.45	16.99	44.26	1006.48	6770.35
239	91	5006.66	822.30	-0.03	-32.96	0.0	-1218.84	127.49	14.32	17.46	-967.62	-9234.66
		-9234.66	-967.62	-8.38e-03	0.0	62.5	-1224.91	115.45	14.32	17.46	-72.66	-1599.12
						125.0	-1235.45	94.53	14.32	17.46	822.30	5006.66
239	92	5751.11	899.31	-0.04	-38.02	0.0	-1313.12	146.45	15.44	28.84	-1029.39	-1.065e+04
		-1.065e+04	-1029.39	-9.24e-03	0.0	62.5	-1319.83	133.15	15.44	28.84	-65.04	-1855.10
						125.0	-1332.29	108.43	15.44	28.84	899.31	5751.11
240	1	3599.51	-24.23	-0.07	-88.28	0.0	-964.66	43.85	0.07	-8.32	-59.99	-1835.01
		-1978.28	-59.99	-1.43e-03	0.0	249.5	-964.66	-0.29	0.07	-8.32	-42.11	3599.51
						499.0	-964.66	-44.42	0.07	-8.32	-24.23	-1978.28
240	5	2769.71	-12.36	-0.05	-67.90	0.0	-752.22	33.76	0.07	-5.61	-45.92	-1418.85
		-1512.74	-45.92	-1.23e-03	0.0	249.5	-752.22	-0.19	0.07	-5.61	-29.14	2769.71
						499.0	-752.22	-34.14	0.07	-5.61	-12.36	-1512.74
240	11	3582.40	-62.25	-0.07	-88.28	0.0	-827.67	43.40	-0.10	-19.61	-62.25	-1738.68
		-2108.84	-111.83	1.97e-03	0.0	249.5	-827.67	-0.74	-0.10	-19.61	-87.04	3582.40
						499.0	-827.67	-44.88	-0.10	-19.61	-111.83	-2108.84
240	14	2752.60	-48.18	-0.05	-67.90	0.0	-615.23	33.31	-0.10	-16.89	-48.18	-1322.51
		-1643.31	-99.96	1.65e-03	0.0	249.5	-615.23	-0.64	-0.10	-16.89	-74.07	2752.60
						499.0	-615.23	-34.59	-0.10	-16.89	-99.96	-1643.31
240	15	2746.97	458.45	-0.06	-67.90	0.0	-749.25	33.54	-2.14	-10.73	458.45	-1376.90
		-1600.17	-511.26	-0.01	0.0	249.5	-749.25	-0.41	-2.14	-10.73	-26.41	2746.97
						499.0	-749.25	-34.36	-2.14	-10.73	-511.26	-1600.17
240	20	2739.24	656.46	-0.06	-67.90	0.0	-749.96	33.58	-2.07	-8.45	656.46	-1392.59
		-1599.95	-296.18	-0.03	0.0	249.5	-749.96	-0.38	-2.07	-8.45	180.14	2739.24
						499.0	-749.96	-34.33	-2.07	-8.45	-296.18	-1599.95
240	21	2797.91	251.87	0.06	-67.90	0.0	-722.05	33.85	2.17	-5.22	-749.26	-1422.02
		-1453.19	-749.26	0.03	0.0	249.5	-722.05	-0.10	2.17	-5.22	-248.70	2797.91
						499.0	-722.05	-34.05	2.17	-5.22	251.87	-1453.19
240	47	2741.02	595.01	-0.06	-67.90	0.0	-752.59	33.49	-2.73	-11.79	595.01	-1368.88
		-1620.10	-645.15	-0.01	0.0	249.5	-752.59	-0.46	-2.73	-11.79	-25.07	2741.02
						499.0	-752.59	-34.41	-2.73	-11.79	-645.15	-1620.10
240	52	2731.19	846.58	-0.06	-67.90	0.0	-753.47	33.54	-2.65	-8.89	846.58	-1388.83
		-1619.81	-370.77	-0.04	0.0	249.5	-753.47	-0.41	-2.65	-8.89	237.90	2731.19
						499.0	-753.47	-34.37	-2.65	-8.89	-370.77	-1619.81

240	53	2805.96	326.47	0.06	-67.90	0.0	-718.54	33.89	2.74	-4.78	-939.38	-1425.78
		-1433.32	-939.38	0.04	0.0	249.5	-718.54	-0.06	2.74	-4.78	-306.46	2805.96
						499.0	-718.54	-34.02	2.74	-4.78	326.47	-1433.32
240	79	2769.23	-15.91	-0.05	-67.90	0.0	-746.47	33.75	0.06	-6.06	-46.05	-1414.72
		-1517.83	-46.05	-1.16e-03	0.0	249.5	-746.47	-0.21	0.06	-6.06	-30.98	2769.23
						499.0	-746.47	-34.16	0.06	-6.06	-15.91	-1517.83
240	85	2757.82	-47.56	-0.05	-67.90	0.0	-655.14	33.44	-0.05	-13.58	-47.56	-1350.50
		-1604.88	-74.31	-1.37e-03	0.0	249.5	-655.14	-0.51	-0.05	-13.58	-60.93	2757.82
						499.0	-655.14	-34.46	-0.05	-13.58	-74.31	-1604.88
240	86	2769.23	-15.91	-0.05	-67.90	0.0	-746.47	33.75	0.06	-6.06	-46.05	-1414.72
		-1517.83	-46.05	-1.16e-03	0.0	249.5	-746.47	-0.21	0.06	-6.06	-30.98	2769.23
						499.0	-746.47	-34.16	0.06	-6.06	-15.91	-1517.83
240	87	2768.13	-26.32	-0.05	-67.90	0.0	-729.03	33.69	0.04	-7.35	-46.64	-1402.36
		-1532.39	-46.64	8.27e-04	0.0	249.5	-729.03	-0.26	0.04	-7.35	-36.48	2768.13
						499.0	-729.03	-34.21	0.04	-7.35	-26.32	-1532.39
240	90	2766.60	-30.92	-0.05	-67.90	0.0	-722.62	33.67	0.03	-7.98	-46.54	-1397.92
		-1539.90	-46.54	-1.09e-03	0.0	249.5	-722.62	-0.28	0.03	-7.98	-38.73	2766.60
						499.0	-722.62	-34.24	0.03	-7.98	-30.92	-1539.90
240	91	2769.23	-15.91	-0.05	-67.90	0.0	-746.47	33.75	0.06	-6.06	-46.05	-1414.72
		-1517.83	-46.05	-1.16e-03	0.0	249.5	-746.47	-0.21	0.06	-6.06	-30.98	2769.23
						499.0	-746.47	-34.16	0.06	-6.06	-15.91	-1517.83
240	92	2768.57	-22.15	-0.05	-67.90	0.0	-736.01	33.71	0.05	-6.84	-46.40	-1407.30
		-1526.57	-46.40	-9.50e-04	0.0	249.5	-736.01	-0.24	0.05	-6.84	-34.28	2768.57
						499.0	-736.01	-34.19	0.05	-6.84	-22.15	-1526.57
241	5	1114.65	0.0	0.03	-84.61	0.0	926.93	30.47	-0.15	3.17	0.0	0.0
		-2529.38	-31.88	-5.16e-03	0.0	103.8	957.82	-12.35	-0.15	3.17	-15.94	931.63
						207.7	987.98	-54.15	-0.15	3.17	-31.88	-2529.38
241	11	6748.26	0.0	0.04	-423.32	0.0	1216.14	167.85	-3.18	3.66	0.0	0.0
		-9544.31	-660.71	-2.16e-03	0.0	103.8	1371.17	-47.04	-3.18	3.66	-330.36	6215.70
						207.7	1521.54	-255.46	-3.18	3.66	-660.71	-9544.31
241	14	5958.85	0.0	0.03	-371.04	0.0	937.57	147.70	-2.88	2.71	0.0	0.0
		-8249.01	-598.00	1.17e-03	0.0	103.8	1073.48	-40.68	-2.88	2.71	-299.00	5506.42
						207.7	1205.26	-223.33	-2.88	2.71	-598.00	-8249.01
241	20	1956.30	0.0	0.02	-117.19	0.0	730.28	47.53	-2.84	-23.04	0.0	0.0
		-2404.37	-589.75	-5.58e-03	0.0	103.8	773.11	-11.84	-2.84	-23.04	-294.87	1839.57
						207.7	814.82	-69.65	-2.84	-23.04	-589.75	-2404.37
241	21	1387.21	397.09	0.04	-117.19	0.0	1124.33	40.07	1.91	29.43	0.0	0.0
		-3953.45	0.0	-3.93e-03	0.0	103.8	1167.16	-19.30	1.91	29.43	198.55	1065.03
						207.7	1208.88	-77.11	1.91	29.43	397.09	-3953.45
241	28	1958.15	0.0	0.02	-117.19	0.0	739.19	47.56	-1.26	-22.50	0.0	0.0
		-2399.45	-261.00	-1.68e-03	0.0	103.8	782.02	-11.81	-1.26	-22.50	-130.50	1842.04
						207.7	823.73	-69.63	-1.26	-22.50	-261.00	-2399.45
241	29	1385.67	68.35	0.04	-117.19	0.0	1115.42	40.05	0.33	28.89	0.0	0.0
		-3958.38	0.0	-7.69e-03	0.0	103.8	1158.25	-19.32	0.33	28.89	34.17	1062.57
						207.7	1199.96	-77.14	0.33	28.89	68.35	-3958.38
241	40	1825.85	0.0	0.03	-117.19	0.0	835.36	45.86	-5.06	-40.48	0.0	0.0
		-2752.24	-1050.88	5.29e-03	0.0	103.8	878.19	-13.51	-5.06	-40.48	-525.44	1665.64
						207.7	919.90	-71.33	-5.06	-40.48	-1050.88	-2752.24
241	41	1505.85	858.23	0.04	-117.19	0.0	1019.25	41.75	4.13	46.87	0.0	0.0
		-3605.58	0.0	-0.01	0.0	103.8	1062.08	-17.62	4.13	46.87	429.11	1238.97
						207.7	1103.79	-75.44	4.13	46.87	858.23	-3605.58
241	52	2037.12	0.0	0.02	-117.19	0.0	677.06	48.54	-3.48	-30.13	0.0	0.0
		-2195.23	-723.00	-5.82e-03	0.0	103.8	719.90	-10.83	-3.48	-30.13	-361.50	1944.14
						207.7	761.61	-68.65	-3.48	-30.13	-723.00	-2195.23
241	53	1321.85	530.34	0.05	-117.19	0.0	1177.54	39.06	2.55	36.52	0.0	0.0
		-4162.59	0.0	-3.98e-03	0.0	103.8	1220.38	-20.30	2.55	36.52	265.17	960.46
						207.7	1262.09	-78.12	2.55	36.52	530.34	-4162.59
241	60	2040.45	0.0	0.02	-117.19	0.0	688.17	48.58	-1.47	-29.48	0.0	0.0
		-2187.63	-305.66	-8.72e-04	0.0	103.8	731.00	-10.79	-1.47	-29.48	-152.83	1947.95
						207.7	772.72	-68.61	-1.47	-29.48	-305.66	-2187.63
241	61	1319.48	113.01	0.05	-117.19	0.0	1166.44	39.03	0.54	35.87	0.0	0.0
		-4170.20	0.0	-8.50e-03	0.0	103.8	1209.27	-20.34	0.54	35.87	56.50	956.66
						207.7	1250.98	-78.16	0.54	35.87	113.01	-4170.20
241	72	1869.07	0.0	0.03	-117.19	0.0	810.59	46.41	-6.31	-52.52	0.0	0.0
		-2636.98	-1311.09	7.56e-03	0.0	103.8	853.42	-12.96	-6.31	-52.52	-655.54	1723.27
						207.7	895.13	-70.77	-6.31	-52.52	-1311.09	-2636.98
241	73	1462.62	1118.43	0.04	-117.19	0.0	1044.02	41.19	5.39	58.91	0.0	0.0
		-3720.85	0.0	-0.02	0.0	103.8	1086.85	-18.18	5.39	58.91	559.22	1181.34
						207.7	1128.57	-75.99	5.39	58.91	1118.43	-3720.85
241	79	1312.48	0.0	0.03	-96.31	0.0	927.15	35.25	-0.26	3.17	0.0	0.0
		-2762.63	-54.98	-4.99e-03	0.0	103.8	962.32	-13.51	-0.26	3.17	-27.49	1118.50
						207.7	996.63	-61.06	-0.26	3.17	-54.98	-2762.63
241	85	4541.95	0.0	0.03	-287.26	0.0	934.24	113.41	-2.08	2.86	0.0	0.0
		-6575.72	-432.40	-2.22e-03	0.0	103.8	1039.43	-32.39	-2.08	2.86	-216.20	4168.36
						207.7	1141.48	-173.85	-2.08	2.86	-432.40	-6575.72
241	86	1312.48	0.0	0.03	-96.31	0.0	927.15	35.25	-0.26	3.17	0.0	0.0
		-2762.63	-54.98	-4.99e-03	0.0	103.8	962.32	-13.51	-0.26	3.17	-27.49	1118.50

241	90	2146.84	0.0	0.03	-145.63	207.7	996.63	-61.06	-0.26	3.17	-54.98	-2762.63
		-3747.27	-152.52	-4.27e-03	0.0	0.0	928.65	55.44	-0.73	3.12	0.0	0.0
						103.8	981.91	-18.38	-0.73	3.12	-76.26	1906.50
241	91	1312.48	0.0	0.03	-96.31	207.7	1033.71	-90.19	-0.73	3.12	-152.52	-3747.27
		-2762.63	-54.98	-4.99e-03	0.0	0.0	927.15	35.25	-0.26	3.17	0.0	0.0
						103.8	962.32	-13.51	-0.26	3.17	-27.49	1118.50
241	92	1665.85	0.0	0.03	-117.19	207.7	996.63	-61.06	-0.26	3.17	-54.98	-2762.63
		-3178.91	-96.33	-4.69e-03	0.0	0.0	927.30	43.80	-0.46	3.20	0.0	0.0
						103.8	970.14	-15.57	-0.46	3.20	-48.16	1452.30
242	5	-135.34	183.94	5.79e-03	-25.94	207.7	1011.85	-73.38	-0.46	3.20	-96.33	-3178.91
		-1577.44	143.26	9.19e-04	0.0	0.0	1021.16	-3.93	-0.41	5.39	183.94	-135.34
						50.0	1014.49	-13.18	-0.41	5.39	163.60	-531.87
242	11	-609.96	983.21	5.49e-03	-109.42	100.0	1002.44	-29.87	-0.41	5.39	143.26	-1577.44
		-5344.81	676.73	-3.03e-03	0.0	0.0	1665.27	-8.44	-3.06	36.17	983.21	-609.96
						50.0	1642.92	-39.42	-3.06	36.17	829.97	-1608.07
242	24	-142.27	222.88	7.17e-03	-33.81	100.0	1586.33	-117.86	-3.06	36.17	676.73	-5344.81
		-2373.37	76.89	-3.18e-04	0.0	0.0	1241.01	-9.08	-2.48	-5.93e-03	222.88	-142.27
						50.0	1232.92	-20.29	-2.48	-5.93e-03	149.89	-834.81
242	25	-217.34	311.36	3.71e-03	-33.81	100.0	1216.62	-42.89	-2.48	-5.93e-03	76.89	-2373.37
		-1465.31	299.49	1.40e-03	0.0	0.0	870.01	0.54	1.14	16.85	299.49	-217.34
						50.0	861.91	-10.68	1.14	16.85	305.43	-419.20
242	28	-145.98	208.69	7.15e-03	-33.81	100.0	845.62	-33.27	1.14	16.85	311.36	-1465.31
		-2374.56	138.47	-1.24e-03	0.0	0.0	1240.72	-9.04	-2.06	0.61	208.69	-145.98
						50.0	1232.63	-20.26	-2.06	0.61	173.58	-837.26
242	31	36.38	1186.62	3.97e-03	-33.81	100.0	1216.33	-42.85	-2.06	0.61	138.47	-2374.56
		-1969.95	107.31	6.72e-03	0.0	0.0	1090.81	-6.97	8.12	27.38	107.31	36.38
						50.0	1082.72	-18.19	8.12	27.38	646.97	-543.77
242	34	-397.76	415.06	6.91e-03	-33.81	100.0	1066.42	-40.78	8.12	27.38	1186.62	-1969.95
		-1868.73	-798.36	-5.55e-03	0.0	0.0	1020.21	-1.57	-9.46	-10.54	415.06	-397.76
						50.0	1012.11	-12.79	-9.46	-10.54	-191.65	-710.23
242	43	51.94	944.70	4.07e-03	-33.81	100.0	995.82	-35.38	-9.46	-10.54	-798.36	-1868.73
		-1969.52	37.22	9.98e-03	0.0	0.0	1094.89	-7.17	7.30	21.76	37.22	51.94
						50.0	1086.79	-18.39	7.30	21.76	490.96	-535.78
242	56	-131.97	214.80	7.65e-03	-33.81	100.0	1070.49	-40.98	7.30	21.76	944.70	-1969.52
		-2496.81	42.40	-4.52e-04	0.0	0.0	1291.37	-10.38	-2.97	-2.27	214.80	-131.97
						50.0	1283.28	-21.60	-2.97	-2.27	128.60	-891.38
242	57	-214.57	345.86	3.23e-03	-33.81	100.0	1266.98	-44.19	-2.97	-2.27	42.40	-2496.81
		-1341.87	307.57	1.62e-03	0.0	0.0	819.65	1.85	1.63	19.11	307.57	-229.41
						50.0	811.55	-9.37	1.63	19.11	326.71	-362.63
242	60	-136.80	196.41	7.62e-03	-33.81	100.0	795.26	-31.96	1.63	19.11	345.86	-1341.87
		-2498.20	120.73	-1.74e-03	0.0	0.0	1290.97	-10.34	-2.44	-1.49	196.41	-136.80
						50.0	1282.87	-21.56	-2.44	-1.49	158.57	-894.49
242	63	95.50	1458.51	3.58e-03	-33.81	100.0	1266.58	-44.15	-2.44	-1.49	120.73	-2498.20
		-1983.41	64.64	8.36e-03	0.0	0.0	1100.33	-7.70	10.50	32.59	64.64	95.50
						50.0	1092.23	-18.92	10.50	32.59	761.57	-520.94
242	66	-456.88	457.73	7.30e-03	-33.81	100.0	1075.94	-41.51	10.50	32.59	1458.51	-1983.41
		-1855.27	-1070.25	-7.19e-03	0.0	0.0	1010.69	-0.83	-11.85	-15.75	457.73	-456.88
						50.0	1002.60	-12.05	-11.85	-15.75	-306.26	-733.06
242	75	115.66	1149.87	3.70e-03	-33.81	100.0	986.30	-34.65	-11.85	-15.75	-1070.25	-1855.27
		-1983.49	-22.71	0.01	0.0	0.0	1105.71	-7.96	9.47	25.44	-22.71	115.66
						50.0	1097.62	-19.18	9.47	25.44	563.58	-510.90
242	79	-151.59	211.66	5.70e-03	-28.77	100.0	1081.32	-41.77	9.47	25.44	1149.87	-1983.49
		-1700.23	161.52	7.90e-04	0.0	0.0	1033.57	-4.05	-0.50	6.48	211.66	-151.59
						50.0	1026.39	-14.01	-0.50	6.48	186.59	-566.03
242	85	-416.02	665.21	4.41e-03	-74.90	100.0	1012.81	-32.82	-0.50	6.48	161.52	-1700.23
		-3708.05	460.51	-1.87e-03	0.0	0.0	1239.71	-6.09	-2.05	24.25	665.21	-416.02
						50.0	1224.20	-27.59	-2.05	24.25	562.86	-1124.74
242	86	-151.59	211.66	5.70e-03	-28.77	100.0	1185.68	-80.98	-2.05	24.25	460.51	-3708.05
		-1700.23	161.52	7.90e-04	0.0	0.0	1033.57	-4.05	-0.50	6.48	211.66	-151.59
						50.0	1026.39	-14.01	-0.50	6.48	186.59	-566.03
242	90	-220.00	328.78	5.26e-03	-40.68	100.0	1012.81	-32.82	-0.50	6.48	161.52	-1700.23
		-2218.65	238.71	-2.92e-04	0.0	0.0	1086.50	-4.57	-0.90	11.07	328.78	-220.00
						50.0	1077.16	-17.51	-0.90	11.07	283.75	-710.29
242	91	-151.59	211.66	5.70e-03	-28.77	100.0	1057.15	-45.26	-0.90	11.07	238.71	-2218.65
		-1700.23	161.52	7.90e-04	0.0	0.0	1033.57	-4.05	-0.50	6.48	211.66	-151.59
						50.0	1026.39	-14.01	-0.50	6.48	186.59	-566.03
242	92	-180.69	261.19	5.44e-03	-33.81	100.0	1012.81	-32.82	-0.50	6.48	161.52	-1700.23
		-1919.34	194.13	5.85e-04	0.0	0.0	1055.51	-4.27	-0.67	8.42	261.19	-180.69
						50.0	1047.41	-15.49	-0.67	8.42	227.66	-627.00
243	3	6655.62	0.0	0.09	-296.82	100.0	1031.12	-38.08	-0.67	8.42	194.13	-1919.34
		-1.434e+04	-392.61	0.01	0.0	0.0	156.24	120.23	-1.25	22.22	0.0	0.0
						156.4	276.08	-50.16	-1.25	22.22	-196.30	5535.55
243	5	2014.33	0.0	0.07	-108.21	312.9	365.01	-176.59	-1.25	22.22	-392.61	-1.434e+04
		-6211.69	-54.75	9.33e-03	0.0	0.0	66.93	39.40	-0.17	10.67	0.0	0.0
						156.4	109.49	-21.11	-0.17	10.67	-27.38	1446.44
243	11	1.239e+04	0.0	0.09	-515.37	312.9	143.04	-68.81	-0.17	10.67	-54.75	-6211.69
						0.0	251.33	216.89	-2.68	34.27	0.0	0.0

		-2.309e+04	-839.13	0.01	0.0	156.4	461.46	-81.85	-2.68	34.27	-419.56	1.066e+04
						312.9	613.83	-298.47	-2.68	34.27	-839.13	-2.309e+04
243	24	3023.49	744.10	0.06	-146.95	0.0	72.45	56.78	2.38	53.16	0.0	0.0
		-7687.15	0.0	-0.02	0.0	156.4	131.02	-26.49	2.38	53.16	372.05	2392.89
						312.9	175.81	-90.17	2.38	53.16	744.10	-7687.15
243	25	2974.05	0.0	0.08	-146.95	0.0	95.75	56.27	-3.24	-27.66	0.0	0.0
		-7845.35	-1013.03	0.03	0.0	156.4	154.31	-27.00	-3.24	-27.66	-506.52	2313.79
						312.9	199.11	-90.68	-3.24	-27.66	-1013.03	-7845.35
243	39	2834.77	0.0	0.10	-146.95	0.0	234.45	54.84	-0.56	20.25	0.0	0.0
		-8291.06	-175.87	0.02	0.0	156.4	293.02	-28.42	-0.56	20.25	-87.94	2090.94
						312.9	337.81	-92.10	-0.56	20.25	-175.87	-8291.06
243	42	3185.30	0.0	0.05	-146.95	0.0	-66.25	58.20	-0.30	5.25	0.0	0.0
		-7241.44	-93.06	9.70e-04	0.0	156.4	-7.68	-25.07	-0.30	5.25	-46.53	2615.75
						312.9	37.11	-88.75	-0.30	5.25	-93.06	-7241.44
243	43	2837.44	0.0	0.10	-146.95	0.0	235.47	54.87	-0.25	20.69	0.0	0.0
		-8282.53	-78.23	0.02	0.0	156.4	294.04	-28.40	-0.25	20.69	-39.12	2095.20
						312.9	338.83	-92.08	-0.25	20.69	-78.23	-8282.53
243	46	3182.10	0.0	0.05	-146.95	0.0	-67.27	58.17	-0.61	4.81	0.0	0.0
		-7249.97	-190.70	-1.17e-03	0.0	156.4	-8.70	-25.10	-0.61	4.81	-95.35	2611.48
						312.9	36.09	-88.78	-0.61	4.81	-190.70	-7249.97
243	56	3030.09	982.79	0.06	-146.95	0.0	69.30	56.84	3.14	64.15	0.0	0.0
		-7666.03	0.0	-0.02	0.0	156.4	127.87	-26.43	3.14	64.15	491.40	2403.45
						312.9	172.66	-90.11	3.14	64.15	982.79	-7666.03
243	57	2967.46	0.0	0.09	-146.95	0.0	98.90	56.20	-4.00	-38.65	0.0	0.0
		-7866.47	-1251.72	0.04	0.0	156.4	157.47	-27.07	-4.00	-38.65	-625.86	2303.23
						312.9	202.26	-90.75	-4.00	-38.65	-1251.72	-7866.47
243	71	2789.63	0.0	0.11	-146.95	0.0	275.53	54.38	-0.60	22.32	0.0	0.0
		-8435.51	-186.67	0.02	0.0	156.4	334.10	-28.89	-0.60	22.32	-93.33	2018.71
						312.9	378.89	-92.57	-0.60	22.32	-186.67	-8435.51
243	74	3239.47	0.0	0.04	-146.95	0.0	-107.33	58.66	-0.26	3.18	0.0	0.0
		-7096.99	-82.27	-1.74e-03	0.0	156.4	-48.76	-24.61	-0.26	3.18	-41.13	2687.97
						312.9	-3.97	-88.29	-0.26	3.18	-82.27	-7096.99
243	75	2793.04	0.0	0.10	-146.95	0.0	276.86	54.42	-0.20	22.89	0.0	0.0
		-8424.60	-62.29	0.02	0.0	156.4	335.43	-28.85	-0.20	22.89	-31.14	2024.16
						312.9	380.22	-92.53	-0.20	22.89	-62.29	-8424.60
243	78	3235.38	0.0	0.04	-146.95	0.0	-108.66	58.63	-0.66	2.61	0.0	0.0
		-7107.90	-206.64	-3.96e-03	0.0	156.4	-50.09	-24.64	-0.66	2.61	-103.32	2682.52
						312.9	-5.30	-88.32	-0.66	2.61	-206.64	-7107.90
243	79	2367.80	0.0	0.07	-122.12	0.0	73.09	45.55	-0.27	11.43	0.0	0.0
		-6769.48	-83.32	9.33e-03	0.0	156.4	121.40	-23.13	-0.27	11.43	-41.66	1772.12
						312.9	158.98	-76.57	-0.27	11.43	-83.32	-6769.48
243	81	4505.94	0.0	0.07	-204.89	0.0	109.80	82.13	-0.81	15.84	0.0	0.0
		-1.009e+04	-253.80	8.83e-03	0.0	156.4	192.30	-35.17	-0.81	15.84	-126.90	3709.52
						312.9	253.91	-122.77	-0.81	15.84	-253.80	-1.009e+04
243	85	8328.41	0.0	0.07	-350.59	0.0	173.20	146.57	-1.76	23.87	0.0	0.0
		-1.592e+04	-551.48	9.52e-03	0.0	156.4	315.89	-56.31	-1.76	23.87	-275.74	7128.82
						312.9	419.79	-204.02	-1.76	23.87	-551.48	-1.592e+04
243	86	2367.80	0.0	0.07	-122.12	0.0	73.09	45.55	-0.27	11.43	0.0	0.0
		-6769.48	-83.32	9.33e-03	0.0	156.4	121.40	-23.13	-0.27	11.43	-41.66	1772.12
						312.9	158.98	-76.57	-0.27	11.43	-83.32	-6769.48
243	87	3422.05	0.0	0.07	-163.50	0.0	91.44	63.84	-0.54	13.63	0.0	0.0
		-8430.77	-168.56	9.08e-03	0.0	156.4	156.85	-29.15	-0.54	13.63	-84.28	2740.82
						312.9	206.45	-99.67	-0.54	13.63	-168.56	-8430.77
243	90	3883.05	0.0	0.07	-181.05	0.0	98.98	71.61	-0.65	14.62	0.0	0.0
		-9131.51	-204.23	9.09e-03	0.0	156.4	171.64	-31.69	-0.65	14.62	-102.12	3153.44
						312.9	226.33	-109.45	-0.65	14.62	-204.23	-9131.51
243	91	2367.80	0.0	0.07	-122.12	0.0	73.09	45.55	-0.27	11.43	0.0	0.0
		-6769.48	-83.32	9.33e-03	0.0	156.4	121.40	-23.13	-0.27	11.43	-41.66	1772.12
						312.9	158.98	-76.57	-0.27	11.43	-83.32	-6769.48
243	92	2998.77	0.0	0.07	-146.95	0.0	84.10	56.52	-0.43	12.75	0.0	0.0
		-7766.25	-134.47	9.18e-03	0.0	156.4	142.67	-26.75	-0.43	12.75	-67.23	2353.34
						312.9	187.46	-90.43	-0.43	12.75	-134.47	-7766.25
244	5	2807.59	174.76	-0.06	-112.12	0.0	145.56	75.56	-0.56	-7.81	174.76	-6821.27
		-6821.27	0.0	-0.01	0.0	156.3	111.78	27.61	-0.56	-7.81	87.38	1882.27
						312.6	66.59	-36.56	-0.56	-7.81	0.0	1221.98
244	11	1.247e+04	1137.07	-0.14	-540.66	0.0	565.08	302.66	-3.64	-10.84	1137.07	-2.364e+04
		-2.364e+04	0.0	-0.01	0.0	156.3	411.25	84.26	-3.64	-10.84	568.53	1.071e+04
						312.6	184.28	-237.99	-3.64	-10.84	0.0	-1055.36
244	20	3643.92	1300.08	-0.06	-152.95	0.0	186.37	96.03	-4.16	-36.38	1300.08	-8247.54
		-8247.54	0.0	-0.01	0.0	156.3	141.23	31.94	-4.16	-36.38	650.04	2730.36
						312.6	78.65	-56.92	-4.16	-36.38	0.0	835.87
244	21	3735.37	0.0	-0.06	-152.95	0.0	182.78	97.39	2.44	20.56	-761.80	-8455.40
		-8455.40	-761.80	-0.01	0.0	156.3	137.64	33.30	2.44	20.56	-380.90	2740.18
						312.6	75.05	-55.55	2.44	20.56	0.0	1063.37
244	31	3770.85	751.63	-0.04	-152.95	0.0	46.19	94.17	-2.40	-11.60	751.63	-7722.72
		-7722.72	0.0	8.34e-03	0.0	156.3	1.05	30.08	-2.40	-11.60	375.82	2965.81
						312.6	-61.54	-58.78	-2.40	-11.60	0.0	781.94

244	34	3608.44 -8980.22	0.0 -213.34	-0.08 -0.03	-152.95 0.0	0.0 156.3 312.6	322.96 277.82 215.23	99.25 35.16 -53.69	0.68 0.68 0.68	-4.22 -4.22 -4.22	-213.34 -106.67 0.0	-8980.22 2504.73 1117.30
244	41	3796.17 -7903.79	0.0 -278.14	-0.05 7.75e-03	-152.95 0.0	0.0 156.3 312.6	72.28 27.14 -35.44	95.13 31.04 -57.82	0.89 0.89 0.89	5.32 5.32 5.32	-278.14 -139.07 0.0	-7903.79 2934.83 901.07
244	52	3631.30 -8220.46	1578.89 0.0	-0.06 -0.01	-152.95 0.0	0.0 156.3 312.6	186.83 141.69 79.10	95.85 31.76 -57.10	-5.05 -5.05 -5.05	-44.05 -44.05 -44.05	1578.89 789.44 0.0	-8220.46 2728.56 805.20
244	53	3747.99 -8482.48	0.0 -1040.60	-0.06 -0.01	-152.95 0.0	0.0 156.3 312.6	182.32 137.18 74.59	97.57 33.48 -55.37	3.33 3.33 3.33	28.23 28.23 28.23	-1040.60 -520.30 0.0	-8482.48 2741.97 1094.04
244	63	3793.03 -7550.87	883.48 0.0	-0.04 0.01	-152.95 0.0	0.0 156.3 312.6	8.49 -36.65 -99.24	93.47 29.39 -59.47	-2.83 -2.83 -2.83	-12.58 -12.58 -12.58	883.48 441.74 0.0	-7550.87 3028.80 736.09
244	66	3586.26 -9152.06	0.0 -345.20	-0.09 -0.04	-152.95 0.0	0.0 156.3 312.6	360.66 315.52 252.93	99.95 35.86 -53.00	1.10 1.10 1.10	-3.24 -3.24 -3.24	-345.20 -172.60 0.0	-9152.06 2441.74 1163.15
244	73	3825.42 -7779.93	0.0 -425.62	-0.04 0.01	-152.95 0.0	0.0 156.3 312.6	41.55 -3.59 -66.17	94.69 30.60 -58.26	1.36 1.36 1.36	8.87 8.87 8.87	-425.62 -212.81 0.0	-7779.93 2989.89 887.32
244	79	3124.30 -7370.27	208.66 0.0	-0.06 -0.01	-126.77 0.0	0.0 156.3 312.6	159.56 121.70 70.27	83.15 29.41 -43.62	-0.67 -0.67 -0.67	-7.84 -7.84 -7.84	208.66 104.33 0.0	-7370.27 2188.62 1124.19
244	85	8485.81 -1.637e+04	763.27 0.0	-0.10 -0.01	-367.57 0.0	0.0 156.3 312.6	388.66 283.78 129.77	207.80 58.89 -159.77	-2.44 -2.44 -2.44	-8.25 -8.25 -8.25	763.27 381.63 0.0	-1.637e+04 7226.34 -488.49
244	86	3124.30 -7370.27	208.66 0.0	-0.06 -0.01	-126.77 0.0	0.0 156.3 312.6	159.56 121.70 70.27	83.15 29.41 -43.62	-0.67 -0.67 -0.67	-7.84 -7.84 -7.84	208.66 104.33 0.0	-7370.27 2188.62 1124.19
244	90	4466.63 -9694.39	351.84 0.0	-0.07 -0.01	-188.89 0.0	0.0 156.3 312.6	218.72 163.58 85.68	115.31 37.02 -73.58	-1.13 -1.13 -1.13	-7.96 -7.96 -7.96	351.84 175.92 0.0	-9694.39 3487.71 708.55
244	91	3124.30 -7370.27	208.66 0.0	-0.06 -0.01	-126.77 0.0	0.0 156.3 312.6	159.56 121.70 70.27	83.15 29.41 -43.62	-0.67 -0.67 -0.67	-7.84 -7.84 -7.84	208.66 104.33 0.0	-7370.27 2188.62 1124.19
244	92	3689.65 -8351.47	269.14 0.0	-0.06 -0.01	-152.95 0.0	0.0 156.3 312.6	184.57 139.43 76.85	96.71 32.62 -56.24	-0.86 -0.86 -0.86	-7.91 -7.91 -7.91	269.14 134.57 0.0	-8351.47 2735.27 949.62
246	1	-344.32 -1484.41	40.66 -0.60	0.01 1.04e-03	-14.35 0.0	0.0 57.5 115.0	-137.96 -145.17 -152.38	17.09 9.92 2.74	0.36 -0.77 0.36	-0.77 20.03 -0.77	-0.60 -708.19 40.66	-1484.41 -708.19 -344.32
246	5	-326.32 -949.50	31.94 -1.28	0.01 1.01e-03	-11.04 0.0	0.0 57.5 115.0	-87.84 -93.38 -98.93	10.94 5.42 -0.10	0.29 0.29 0.29	1.31 1.31 1.31	-1.28 15.33 31.94	-949.50 -479.31 -326.32
246	11	504.06 -4148.73	31.85 11.05	0.01 -2.68e-03	-14.35 0.0	0.0 57.5 115.0	-391.19 -398.40 -405.61	47.64 40.47 33.30	0.18 0.18 0.18	-27.08 -27.08 -27.08	11.05 21.45 31.85	-4148.73 -1616.16 504.06
246	14	522.05 -3613.83	23.12 10.38	0.01 -2.71e-03	-11.04 0.0	0.0 57.5 115.0	-341.07 -346.62 -352.16	41.49 35.97 30.46	0.11 0.11 0.11	-25.00 -25.00 -25.00	10.38 16.75 23.12	-3613.83 -1387.29 522.05
246	19	-201.64 -1009.70	104.35 4.00	9.22e-03 -0.01	-11.04 0.0	0.0 57.5 115.0	-114.88 -120.43 -125.97	12.41 6.89 1.37	1.03 1.03 1.03	21.25 21.25 21.25	4.00 54.18 104.35	-1009.70 -447.07 -201.64
246	22	-257.25 -1494.92	-4.05 -42.59	0.01 0.01	-11.04 0.0	0.0 57.5 115.0	-118.37 -123.91 -129.46	16.42 10.90 5.39	-0.50 -0.50 -0.50	-24.63 -24.63 -24.63	-4.05 -23.32 -42.59	-1494.92 -717.49 -257.25
246	29	-241.77 -1573.72	36.59 -25.45	0.01 2.18e-03	-11.04 0.0	0.0 57.5 115.0	-118.18 -123.73 -129.27	17.30 11.78 6.26	0.42 0.42 0.42	5.40 5.40 5.40	-25.45 5.57 36.59	-1573.72 -749.15 -241.77
246	31	-191.81 -1287.66	162.73 -41.21	9.56e-03 6.07e-04	-11.04 0.0	0.0 57.5 115.0	-116.06 -121.61 -127.15	15.01 9.49 3.97	1.82 1.82 1.82	37.16 37.16 37.16	-41.21 60.76 162.73	-1287.66 -581.14 -191.81
246	34	-267.08 -1216.95	41.16 -100.98	0.01 8.18e-04	-11.04 0.0	0.0 57.5 115.0	-117.19 -122.73 -128.27	13.82 8.30 2.79	-1.28 -1.28 -1.28	-40.54 -40.54 -40.54	41.16 -29.91 -100.98	-1216.95 -583.42 -267.08
246	35	-191.21 -1286.76	160.21 -43.09	9.57e-03 5.32e-03	-11.04 0.0	0.0 57.5 115.0	-116.07 -121.61 -127.16	14.99 9.47 3.95	1.80 1.80 1.80	36.23 36.23 36.23	-43.09 58.56 160.21	-1286.76 -580.39 -191.21
246	51	-194.36 -944.35	124.49 4.93	8.89e-03 -0.02	-11.04 0.0	0.0 57.5 115.0	-114.43 -119.98 -125.52	11.87 6.35 0.83	1.24 1.24 1.24	27.45 27.45 27.45	4.93 64.71 124.49	-944.35 -410.75 -194.36
246	54	-264.54 -1560.27	-4.98 -62.74	0.01 0.02	-11.04 0.0	0.0 57.5 115.0	-118.82 -124.36 -129.91	16.96 11.44 5.93	-0.71 -0.71 -0.71	-30.83 -30.83 -30.83	-4.98 -33.86 -62.74	-1560.27 -753.81 -264.54
246	61	-244.72 -1661.06	38.50 -32.38	0.01 2.57e-03	-11.04 0.0	0.0 57.5	-118.59 -124.13	18.08 12.57	0.46 0.46	7.31 7.31	-32.38 3.06	-1661.06 -794.29

246	63	-181.60	198.94	9.31e-03	-11.04	115.0	-129.68	7.05	0.46	7.31	38.50	-244.72
		-1297.59	-52.53	5.69e-04	0.0	0.0	-115.92	15.17	2.25	47.69	-52.53	-1297.59
246	66	-277.30	52.48	0.01	-11.04	57.5	-121.46	9.65	2.25	47.69	73.21	-581.00
		-1207.03	-137.18	8.57e-04	0.0	115.0	-127.01	4.14	2.25	47.69	198.94	-181.60
246	67	-180.85	195.68	9.32e-03	-11.04	0.0	-117.33	13.66	-1.71	-51.07	52.48	-1207.03
		-1296.27	-54.90	6.56e-03	0.0	57.5	-122.88	8.14	-1.71	-51.07	-42.35	-583.56
246	79	-291.58	31.56	0.01	-11.04	115.0	-128.42	2.62	-1.71	-51.07	-137.18	-277.30
		-1058.22	-0.82	8.93e-04	0.0	0.0	-115.92	15.14	2.22	46.54	-54.90	-1296.27
246	85	274.00	25.69	0.01	-11.04	57.5	-121.46	9.63	2.22	46.54	70.39	-579.96
		-2834.44	6.95	-1.59e-03	0.0	115.0	-127.01	4.11	2.22	46.54	195.68	-180.85
246	86	-291.58	31.56	0.01	-11.04	0.0	-98.17	12.19	0.28	0.24	-0.82	-1058.22
		-1058.22	-0.82	8.93e-04	0.0	57.5	-103.72	6.67	0.28	0.24	15.37	-516.30
246	90	-145.33	30.02	0.01	-11.04	115.0	-109.26	1.15	0.28	0.24	31.56	-291.58
		-1516.98	1.16	3.01e-04	0.0	0.0	-267.00	32.55	0.16	-17.31	6.95	-2834.44
246	91	-291.58	31.56	0.01	-11.04	57.5	-272.54	27.04	0.16	-17.31	16.32	-1121.62
		-1058.22	-0.82	8.93e-04	0.0	115.0	-278.09	21.52	0.16	-17.31	25.69	274.00
246	92	-229.45	30.88	0.01	-11.04	0.0	-98.17	12.19	0.28	0.24	-0.82	-1058.22
		-1252.31	-0.03	7.13e-04	0.0	57.5	-103.72	6.67	0.28	0.24	15.37	-516.30
247	1	-317.16	38.82	7.01e-03	-14.35	115.0	-109.26	1.15	0.28	0.24	31.56	-291.58
		-1536.63	-14.39	-4.42e-03	0.0	0.0	-141.78	17.45	0.25	-4.30	1.16	-1516.98
247	5	-309.31	30.93	5.43e-03	-11.04	57.5	-147.32	11.93	0.25	-4.30	15.59	-672.56
		-983.53	-10.41	-3.00e-03	0.0	115.0	-152.87	6.41	0.25	-4.30	30.02	-145.33
247	11	584.56	24.25	7.39e-03	-14.35	0.0	-98.17	12.19	0.28	0.24	-0.82	-1058.22
		-4284.57	-23.75	-9.89e-03	0.0	57.5	-103.72	6.67	0.28	0.24	15.37	-516.30
247	14	592.41	16.37	5.83e-03	-11.04	115.0	-109.26	1.15	0.28	0.24	31.56	-291.58
		-3731.48	-19.77	-8.46e-03	0.0	0.0	-116.62	14.41	0.27	-1.69	-0.03	-1252.31
247	19	-233.30	100.57	5.75e-03	-11.04	57.5	-122.17	8.90	0.27	-1.69	15.43	-582.28
		-1541.31	-39.61	-3.89e-04	0.0	115.0	-127.71	3.38	0.27	-1.69	30.88	-229.45
247	20	-206.00	27.56	6.80e-03	-11.04	0.0	-152.67	-3.43	-0.46	-15.70	38.82	-317.16
		-1621.64	-7.50	-3.51e-03	0.0	57.5	-145.46	-10.61	-0.46	-15.70	12.21	-720.72
247	22	-179.32	16.75	4.76e-03	-11.04	115.0	-138.25	-17.78	-0.46	-15.70	-14.39	-1536.63
		-1050.82	-42.12	-6.89e-03	0.0	0.0	-99.09	-0.35	-0.36	-10.30	30.93	-309.31
247	39	-255.81	161.34	3.85e-03	-11.04	57.5	-93.55	-5.86	-0.36	-10.30	10.26	-487.83
		-1247.80	-68.59	2.07e-03	0.0	115.0	-88.00	-11.38	-0.36	-10.30	-10.41	-983.53
247	42	-156.81	45.73	6.71e-03	-11.04	0.0	-406.73	-35.18	-0.42	-40.39	24.25	584.56
		-1344.33	-102.90	-9.35e-03	0.0	57.5	-399.52	-42.35	-0.42	-40.39	0.25	-1643.83
247	51	-240.59	120.09	5.90e-03	-11.04	115.0	-392.31	-49.52	-0.42	-40.39	-23.75	-4284.57
		-1607.34	-47.34	4.76e-04	0.0	0.0	-353.15	-32.09	-0.31	-34.99	16.37	592.41
247	52	-205.83	26.90	7.23e-03	-11.04	57.5	-347.61	-37.61	-0.31	-34.99	-1.70	-1410.94
		-1709.50	-6.38	-3.49e-03	0.0	115.0	-342.06	-43.13	-0.31	-34.99	-19.77	-3731.48
247	54	-172.03	24.47	4.62e-03	-11.04	0.0	-129.28	-6.07	-1.22	-41.31	100.57	-233.30
		-984.79	-61.65	-7.76e-03	0.0	57.5	-123.73	-11.59	-1.22	-41.31	30.48	-728.71
247	71	-269.33	197.82	3.50e-03	-11.04	115.0	-118.19	-17.11	-1.22	-41.31	-39.61	-1541.31
		-1234.51	-84.33	3.61e-03	0.0	0.0	-129.07	-7.01	-0.30	-17.02	27.56	-206.00
247	74	-143.29	61.46	7.11e-03	-11.04	57.5	-123.53	-12.52	-0.30	-17.02	10.03	-755.22
		-1357.63	-139.38	-0.01	0.0	115.0	-117.98	-18.04	-0.30	-17.02	-7.50	-1621.64
247	79	-272.38	30.33	5.41e-03	-11.04	0.0	-126.66	-1.85	0.51	15.12	-42.12	-179.32
		-1095.72	-10.78	-3.22e-03	0.0	57.5	-121.12	-7.37	0.51	15.12	-12.69	-456.47
247	85	328.77	20.62	5.57e-03	-11.04	115.0	-115.58	-12.88	0.51	15.12	16.75	-1050.82
		-2927.69	-17.02	-6.87e-03	0.0	0.0	-128.67	-3.18	-2.00	-58.40	161.34	-255.81
247	86	-272.38	30.33	5.41e-03	-11.04	57.5	-123.13	-8.70	-2.00	-58.40	46.38	-593.21
						115.0	-117.58	-14.21	-2.00	-58.40	-68.59	-1247.80
						0.0	-127.27	-4.74	1.29	32.21	-102.90	-156.81
						57.5	-121.72	-10.26	1.29	32.21	-28.59	-591.97
						115.0	-116.18	-15.78	1.29	32.21	45.73	-1344.33
						0.0	-129.61	-6.64	-1.46	-49.07	120.09	-240.59
						57.5	-124.06	-12.16	-1.46	-49.07	36.37	-765.37
						115.0	-118.52	-17.68	-1.46	-49.07	-47.34	-1607.34
						0.0	-129.35	-7.83	-0.29	-18.09	26.90	-205.83
						57.5	-123.81	-13.35	-0.29	-18.09	10.26	-799.07
						115.0	-118.26	-18.86	-0.29	-18.09	-6.38	-1709.50
						0.0	-126.34	-1.28	0.75	22.88	-61.65	-172.03
						57.5	-120.79	-6.80	0.75	22.88	-18.59	-419.81
						115.0	-115.25	-12.32	0.75	22.88	24.47	-984.79
						0.0	-128.85	-2.96	-2.45	-70.87	197.82	-269.33
						57.5	-123.31	-8.48	-2.45	-70.87	56.74	-593.32
						115.0	-117.76	-14.00	-2.45	-70.87	-84.33	-1234.51
						0.0	-127.09	-4.96	1.75	44.68	-139.38	-143.29
						57.5	-121.55	-10.48	1.75	44.68	-38.96	-591.86
						115.0	-116.00	-15.99	1.75	44.68	61.46	-1357.63
						0.0	-109.46	-1.64	-0.36	-11.30	30.33	-272.38
						57.5	-103.91	-7.16	-0.36	-11.30	9.77	-525.45
						115.0	-98.37	-12.68	-0.36	-11.30	-10.78	-1095.72
						0.0	-278.83	-22.81	-0.33	-27.77	20.62	328.77
						57.5	-273.29	-28.32	-0.33	-27.77	1.80	-1140.86
						115.0	-267.74	-33.84	-0.33	-27.77	-17.02	-2927.69
247	86	-272.38	30.33	5.41e-03	-11.04	0.0	-109.46	-1.64	-0.36	-11.30	30.33	-272.38

		-1095.72	-10.78	-3.22e-03	0.0	57.5	-103.91	-7.16	-0.36	-11.30	9.77	-525.45
						115.0	-98.37	-12.68	-0.36	-11.30	-10.78	-1095.72
247	90	-116.91	27.80	5.27e-03	-11.04	0.0	-153.21	-7.11	-0.35	-15.55	27.80	-116.91
		-1568.96	-12.38	-4.18e-03	0.0	57.5	-147.66	-12.63	-0.35	-15.55	7.71	-684.34
						115.0	-142.12	-18.15	-0.35	-15.55	-12.38	-1568.96
247	91	-272.38	30.33	5.41e-03	-11.04	0.0	-109.46	-1.64	-0.36	-11.30	30.33	-272.38
		-1095.72	-10.78	-3.22e-03	0.0	57.5	-103.91	-7.16	-0.36	-11.30	9.77	-525.45
						115.0	-98.37	-12.68	-0.36	-11.30	-10.78	-1095.72
247	92	-206.31	29.22	5.25e-03	-11.04	0.0	-127.97	-3.96	-0.35	-13.09	29.22	-206.31
		-1296.07	-11.43	-3.64e-03	0.0	57.5	-122.43	-9.48	-0.35	-13.09	8.89	-592.59
						115.0	-116.88	-15.00	-0.35	-13.09	-11.43	-1296.07
248	5	-39.79	-33.02	8.14e-03	-25.94	0.0	1012.60	30.85	-0.41	1.64	-33.02	-1579.87
		-1579.87	-73.70	-2.94e-03	0.0	50.0	1024.64	14.16	-0.41	1.64	-53.36	-485.31
						100.0	1031.32	4.91	-0.41	1.64	-73.70	-39.79
248	11	-113.90	-635.85	0.01	-109.41	0.0	1630.14	123.32	-3.31	18.62	-635.85	-5395.56
		-5395.56	-967.08	-9.66e-03	0.0	50.0	1686.73	44.88	-3.31	18.62	-801.47	-1385.41
						100.0	1709.08	13.91	-3.31	18.62	-967.08	-113.90
248	20	-67.01	-302.98	8.36e-03	-33.81	0.0	834.58	34.87	1.15	12.61	-570.70	-1469.46
		-1469.46	-570.70	-0.02	0.0	50.0	850.88	12.28	1.15	12.61	-436.84	-345.22
						100.0	858.97	1.06	1.15	12.61	-302.98	-67.01
248	21	-25.33	381.28	8.07e-03	-33.81	0.0	1254.29	44.12	-2.54	-5.88	381.28	-2383.74
		-2383.74	-25.78	0.01	0.0	50.0	1270.59	21.53	-2.54	-5.88	177.75	-781.52
						100.0	1278.68	10.31	-2.54	-5.88	-25.78	-25.33
248	29	-14.92	64.66	8.03e-03	-33.81	0.0	1245.78	44.30	-4.58	3.35	64.66	-2385.69
		-2385.69	-324.62	-2.83e-03	0.0	50.0	1262.08	21.71	-4.58	3.35	-129.98	-777.29
						100.0	1270.17	10.49	-4.58	3.35	-324.62	-14.92
248	40	134.74	-67.80	0.01	-33.81	0.0	947.66	39.25	8.40	19.06	-1010.04	-1709.40
		-1709.40	-1010.04	-0.01	0.0	50.0	963.95	16.66	8.40	19.06	-538.92	-364.32
						100.0	972.05	5.45	8.40	19.06	-67.80	134.74
248	41	-227.08	820.62	5.82e-03	-33.81	0.0	1141.21	39.73	-9.79	-12.34	820.62	-2143.80
		-2143.80	-260.96	4.74e-03	0.0	50.0	1157.51	17.14	-9.79	-12.34	279.83	-762.43
						100.0	1165.60	5.92	-9.79	-12.34	-260.96	-227.08
248	46	187.39	-46.96	0.01	-33.81	0.0	1064.33	42.31	8.37	18.85	-972.24	-1968.43
		-1968.43	-972.24	-7.65e-03	0.0	50.0	1080.63	19.72	8.37	18.85	-509.60	-467.51
						100.0	1088.72	8.50	8.37	18.85	-46.96	187.39
248	52	-72.35	-340.67	8.40e-03	-33.81	0.0	777.90	33.62	1.65	15.10	-699.24	-1346.00
		-1346.00	-699.24	-0.02	0.0	50.0	794.20	11.03	1.65	15.10	-519.96	-286.19
						100.0	802.30	-0.19	1.65	15.10	-340.67	-72.35
248	53	-19.94	509.83	8.03e-03	-33.81	0.0	1310.96	45.37	-3.05	-8.38	509.83	-2507.20
		-2507.20	11.91	0.02	0.0	50.0	1327.26	22.78	-3.05	-8.38	260.87	-840.55
						100.0	1335.35	11.56	-3.05	-8.38	11.91	-19.94
248	61	-6.66	107.91	7.98e-03	-33.81	0.0	1300.38	45.61	-5.63	3.35	107.91	-2510.43
		-2510.43	-367.58	-2.64e-03	0.0	50.0	1316.68	23.02	-5.63	3.35	-129.83	-835.54
						100.0	1324.77	11.80	-5.63	3.35	-367.58	-6.66
248	72	184.46	-41.92	0.01	-33.81	0.0	921.58	39.20	10.88	23.34	-1259.54	-1650.87
		-1650.87	-1259.54	-0.01	0.0	50.0	937.88	16.61	10.88	23.34	-650.73	-310.19
						100.0	945.98	5.39	10.88	23.34	-41.92	184.46
248	73	-276.80	1070.12	5.18e-03	-33.81	0.0	1167.28	39.79	-12.27	-16.62	1070.12	-2202.32
		-2202.32	-286.84	6.99e-03	0.0	50.0	1183.58	17.20	-12.27	-16.62	391.64	-816.55
						100.0	1191.68	5.98	-12.27	-16.62	-286.84	-276.80
248	78	251.36	-15.31	0.01	-33.81	0.0	1069.84	43.09	10.84	23.07	-1211.92	-1980.12
		-1980.12	-1211.92	-8.76e-03	0.0	50.0	1086.14	20.50	10.84	23.07	-613.61	-441.37
						100.0	1094.23	9.28	10.84	23.07	-15.31	251.36
248	79	-42.09	-55.14	8.20e-03	-28.77	0.0	1024.11	33.95	-0.51	2.26	-55.14	-1704.41
		-1704.41	-106.21	-3.16e-03	0.0	50.0	1037.68	15.14	-0.51	2.26	-80.67	-513.37
						100.0	1044.86	5.19	-0.51	2.26	-106.21	-42.09
248	85	-80.01	-416.50	9.19e-03	-74.90	0.0	1215.64	84.67	-2.21	12.30	-416.50	-3741.27
		-3741.27	-637.21	-6.72e-03	0.0	50.0	1254.16	31.28	-2.21	12.30	-526.86	-973.35
						100.0	1269.67	9.78	-2.21	12.30	-637.21	-80.01
248	86	-42.09	-55.14	8.20e-03	-28.77	0.0	1024.11	33.95	-0.51	2.26	-55.14	-1704.41
		-1704.41	-106.21	-3.16e-03	0.0	50.0	1037.68	15.14	-0.51	2.26	-80.67	-513.37
						100.0	1044.86	5.19	-0.51	2.26	-106.21	-42.09
248	90	-51.85	-148.52	8.41e-03	-40.68	0.0	1073.26	47.05	-0.95	4.85	-148.52	-2230.28
		-2230.28	-243.43	-4.08e-03	0.0	50.0	1093.27	19.31	-0.95	4.85	-195.97	-632.04
						100.0	1102.60	6.37	-0.95	4.85	-243.43	-51.85
248	91	-42.09	-55.14	8.20e-03	-28.77	0.0	1024.11	33.95	-0.51	2.26	-55.14	-1704.41
		-1704.41	-106.21	-3.16e-03	0.0	50.0	1037.68	15.14	-0.51	2.26	-80.67	-513.37
						100.0	1044.86	5.19	-0.51	2.26	-106.21	-42.09
248	92	-46.17	-94.71	8.21e-03	-33.81	0.0	1044.43	39.49	-0.70	3.36	-94.71	-1926.60
		-1926.60	-164.38	-3.55e-03	0.0	50.0	1060.73	16.90	-0.70	3.36	-129.54	-563.37
						100.0	1068.83	5.68	-0.70	3.36	-164.38	-46.17
249	8	4976.69	498.99	-0.02	-307.66	0.0	1113.92	183.17	-2.40	3.44	498.99	-6804.02
		-6804.02	0.0	9.88e-03	0.0	103.8	1006.64	34.48	-2.40	3.44	249.49	4583.69
						207.7	891.96	-124.48	-2.40	3.44	0.0	0.0
249	11	7170.42	713.02	-0.03	-440.59	0.0	1475.69	261.73	-3.43	6.17	713.02	-9629.37
		-9629.37	0.0	0.01	0.0	103.8	1322.10	48.84	-3.43	6.17	356.51	6621.48
						207.7	1157.83	-178.85	-3.43	6.17	0.0	0.0

249	14	6333.67 -8320.63	623.32 0.0	-0.03 0.01	-386.32 0.0	0.0 103.8 207.7	1165.33 1030.70 886.62	228.86 42.25 -157.45	-3.00 -3.00 -3.00	6.87 6.87 6.87	623.32 311.66 0.0	-8320.63 5867.20 0.0
249	24	1479.23 -3989.90	83.28 0.0	-0.02 9.27e-04	-121.32 0.0	0.0 103.8 207.7	1171.06 1128.57 1083.53	78.69 19.81 -42.63	-0.40 -0.40 -0.40	-0.27 -0.27 -0.27	83.28 41.64 0.0	-3989.90 1154.21 0.0
249	25	2051.37 -2440.90	327.35 0.0	8.86e-03 0.01	-121.32 0.0	0.0 103.8 207.7	824.77 782.29 737.24	71.23 12.35 -50.09	-1.58 -1.58 -1.58	-9.72 -9.72 -9.72	327.35 163.67 0.0	-2440.90 1928.70 0.0
249	28	1478.00 -3993.85	147.32 0.0	-0.02 -3.55e-04	-121.32 0.0	0.0 103.8 207.7	1170.70 1128.22 1083.18	78.71 19.82 -42.61	-0.71 -0.71 -0.71	1.16 1.16 1.16	147.32 73.66 0.0	-3993.85 1152.23 0.0
249	29	2052.86 -2436.95	263.31 0.0	8.89e-03 0.01	-121.32 0.0	0.0 103.8 207.7	825.13 782.64 737.60	71.22 12.33 -50.11	-1.27 -1.27 -1.27	-11.16 -11.16 -11.16	263.31 131.66 0.0	-2436.95 1930.68 0.0
249	31	1756.16 -3228.15	1241.84 0.0	-0.01 0.04	-121.32 0.0	0.0 103.8 207.7	1030.59 988.11 943.07	75.03 16.14 -46.30	-5.98 -5.98 -5.98	-48.05 -48.05 -48.05	1241.84 620.92 0.0	-3228.15 1535.08 0.0
249	34	1765.72 -3202.65	0.0 -831.21	-7.72e-03 -0.02	-121.32 0.0	0.0 103.8 207.7	965.24 922.75 877.71	74.90 16.01 -46.42	4.00 4.00 4.00	38.05 38.05 38.05	-831.21 -415.61 0.0	-3202.65 1547.83 0.0
249	56	1413.43 -4200.45	47.36 0.0	-0.02 -6.22e-04	-121.32 0.0	0.0 103.8 207.7	1218.06 1175.58 1130.53	79.71 20.82 -41.62	-0.23 -0.23 -0.23	1.13 1.13 1.13	47.36 23.68 0.0	-4200.45 1048.93 0.0
249	57	2131.72 -2230.35	363.27 0.0	0.01 0.01	-121.32 0.0	0.0 103.8 207.7	777.77 735.28 690.24	70.22 11.33 -51.10	-1.75 -1.75 -1.75	-11.13 -11.13 -11.13	363.27 181.63 0.0	-2230.35 2033.98 0.0
249	60	1411.91 -4205.32	128.81 0.0	-0.02 -1.59e-03	-121.32 0.0	0.0 103.8 207.7	1217.58 1175.09 1130.05	79.73 20.84 -41.59	-0.62 -0.62 -0.62	2.98 2.98 2.98	128.81 64.41 0.0	-4205.32 1046.49 0.0
249	61	2133.85 -2225.48	281.81 0.0	0.01 0.01	-121.32 0.0	0.0 103.8 207.7	778.25 735.77 690.72	70.20 11.31 -51.13	-1.36 -1.36 -1.36	-12.98 -12.98 -12.98	281.81 140.91 0.0	-2225.48 2036.41 0.0
249	63	1755.09 -3230.99	1525.81 0.0	-0.01 0.04	-121.32 0.0	0.0 103.8 207.7	1039.41 996.92 951.88	75.04 16.15 -46.28	-7.35 -7.35 -7.35	-59.83 -59.83 -59.83	1525.81 762.90 0.0	-3230.99 1533.66 0.0
249	66	1766.78 -3199.81	0.0 -1115.18	-7.05e-03 -0.03	-121.32 0.0	0.0 103.8 207.7	956.42 913.94 868.90	74.89 16.00 -46.43	5.37 5.37 5.37	49.83 49.83 49.83	-1115.18 -557.59 0.0	-3199.81 1549.25 0.0
249	82	3919.80 -5624.65	402.47 0.0	-0.02 8.80e-03	-246.42 0.0	0.0 103.8 207.7	1075.86 989.87 898.08	147.61 28.43 -98.81	-1.94 -1.94 -1.94	0.66 0.66 0.66	402.47 201.23 0.0	-5624.65 3583.82 0.0
249	85	4824.45 -6635.72	485.35 0.0	-0.02 9.30e-03	-298.86 0.0	0.0 103.8 207.7	1110.13 1005.91 894.52	178.07 33.61 -120.79	-2.34 -2.34 -2.34	2.94 2.94 2.94	485.35 242.68 0.0	-6635.72 4439.50 0.0
249	87	2011.78 -3495.04	228.17 0.0	-0.01 6.98e-03	-135.85 0.0	0.0 103.8 207.7	1006.65 959.11 908.64	83.40 17.51 -52.45	-1.10 -1.10 -1.10	-4.32 -4.32 -4.32	228.17 114.08 0.0	-3495.04 1778.79 0.0
249	90	2273.30 -3787.61	252.18 0.0	-0.01 7.05e-03	-151.02 0.0	0.0 103.8 207.7	1016.86 964.05 907.91	92.21 19.01 -58.81	-1.21 -1.21 -1.21	-3.68 -3.68 -3.68	252.18 126.09 0.0	-3787.61 2026.13 0.0
249	92	1760.94 -3215.40	205.31 0.0	-0.01 6.65e-03	-121.32 0.0	0.0 103.8 207.7	997.91 955.43 910.39	74.96 16.08 -46.36	-0.99 -0.99 -0.99	-5.00 -5.00 -5.00	205.31 102.66 0.0	-3215.40 1541.45 0.0
250	5	1137.38 0.0	0.0 -37.64	0.01 -7.41e-03	-42.66 0.0	0.0 60.5 120.9	-121.48 -134.00 -150.18	12.30 -6.31 -30.36	0.31 0.31 0.31	180.49 180.49 180.49	-37.64 -18.82 0.0	873.06 1081.40 0.0
250	11	8526.60 0.0	0.0 -145.02	0.12 -0.05	-203.53 0.0	0.0 60.5 120.9	-354.81 -411.56 -491.76	21.21 -63.14 -182.32	1.20 1.20 1.20	-113.55 -113.55 -113.55	-145.02 -72.51 0.0	8337.88 7245.92 0.0
250	14	7603.55 0.0	0.0 -125.02	0.11 -0.04	-178.09 0.0	0.0 60.5 120.9	-301.52 -351.06 -421.35	17.08 -56.54 -161.01	1.03 1.03 1.03	-138.10 -138.10 -138.10	-125.02 -62.51 0.0	7460.12 6422.48 0.0
250	27	1493.59 0.0	0.0 -759.92	0.02 -0.03	-57.97 0.0	0.0 60.5 120.9	-144.74 -161.45 -183.75	17.06 -7.77 -40.90	6.28 6.28 6.28	161.49 161.49 161.49	-759.92 -379.96 0.0	1106.67 1429.66 0.0
250	29	2376.57 0.0	541.62 0.0	0.03 3.72e-03	-57.97 0.0	0.0 60.5 120.9	-134.41 -151.12 -173.41	7.14 -17.69 -50.83	-4.48 -4.48 -4.48	109.43 109.43 109.43	541.62 270.81 0.0	2307.02 2029.84 0.0
250	30	2233.41 0.0	663.55 0.0	0.04 2.45e-03	-57.97 0.0	0.0 60.5 120.9	-139.04 -155.74 -178.04	8.59 -16.23 -49.37	-5.49 -5.49 -5.49	127.91 127.91 127.91	663.55 331.77 0.0	2130.82 1941.74 0.0
250	40	1531.15 0.0	3.56 0.0	0.04 -0.02	-57.97 0.0	0.0 60.5 120.9	-150.77 -167.47 -189.77	16.57 -8.26 -41.40	-0.03 -0.03 -0.03	181.82 181.82 181.82	3.56 1.78 0.0	1166.76 1459.71 0.0
250	44	1517.57 0.0	0.0 -40.21	0.04 -0.02	-57.97 0.0	0.0 60.5	-151.15 -167.85	16.75 -8.08	0.33 0.33	183.31 183.31	-40.21 -20.11	1145.02 1448.84

						120.9	-190.15	-41.22	0.33	183.31	0.0	0.0
250	45	2202.24	0.0	0.01	-57.97	0.0	-132.63	8.91	0.46	106.08	-56.16	2092.47
		0.0	-56.16	-5.08e-03	0.0	60.5	-149.34	-15.92	0.46	106.08	-28.08	1922.56
						120.9	-171.63	-49.05	0.46	106.08	0.0	0.0
250	59	1406.76	0.0	0.01	-57.97	0.0	-145.50	18.21	7.89	166.02	-953.74	967.74
		0.0	-953.74	-0.03	0.0	60.5	-162.21	-6.62	7.89	166.02	-476.87	1360.20
						120.9	-184.50	-39.75	7.89	166.02	0.0	0.0
250	61	2537.75	701.88	0.03	-57.97	0.0	-132.40	5.59	-5.80	99.89	701.88	2493.54
		0.0	0.0	7.86e-03	0.0	60.5	-149.10	-19.23	-5.80	99.89	350.94	2123.09
						120.9	-171.40	-52.37	-5.80	99.89	0.0	0.0
250	62	2346.29	857.37	0.04	-57.97	0.0	-138.28	7.45	-7.09	123.38	857.37	2269.75
		0.0	0.0	6.26e-03	0.0	60.5	-154.99	-17.38	-7.09	123.38	428.68	2011.20
						120.9	-177.28	-50.52	-7.09	123.38	0.0	0.0
250	72	1454.87	18.57	0.04	-57.97	0.0	-153.17	17.57	-0.15	191.87	18.57	1044.71
		0.0	0.0	-0.02	0.0	60.5	-169.87	-7.25	-0.15	191.87	9.28	1398.68
						120.9	-192.17	-40.39	-0.15	191.87	0.0	0.0
250	76	1437.49	0.0	0.04	-57.97	0.0	-153.66	17.80	0.31	193.77	-37.38	1016.90
		0.0	-37.38	-0.02	0.0	60.5	-170.37	-7.02	0.31	193.77	-18.69	1384.78
						120.9	-192.66	-40.16	0.31	193.77	0.0	0.0
250	77	2306.34	0.0	0.01	-57.97	0.0	-130.12	7.85	0.49	95.63	-58.99	2220.59
		0.0	-58.99	-3.33e-03	0.0	60.5	-146.83	-16.98	0.49	95.63	-29.50	1986.62
						120.9	-169.12	-50.11	0.49	95.63	0.0	0.0
250	79	1388.89	0.0	0.02	-48.15	0.0	-128.81	12.49	0.34	167.62	-41.42	1140.82
		0.0	-41.42	-8.89e-03	0.0	60.5	-142.83	-8.35	0.34	167.62	-20.71	1298.37
						120.9	-161.21	-35.67	0.34	167.62	0.0	0.0
250	85	5680.49	0.0	0.08	-138.44	0.0	-248.83	15.68	0.82	-44.77	-99.68	5532.19
		0.0	-99.68	-0.03	0.0	60.5	-287.53	-41.84	0.82	-44.77	-49.84	4859.09
						120.9	-341.98	-122.77	0.82	-44.77	0.0	0.0
250	86	1388.89	0.0	0.02	-48.15	0.0	-128.81	12.49	0.34	167.62	-41.42	1140.82
		0.0	-41.42	-8.89e-03	0.0	60.5	-142.83	-8.35	0.34	167.62	-20.71	1298.37
						120.9	-161.21	-35.67	0.34	167.62	0.0	0.0
250	90	2474.60	0.0	0.03	-71.44	0.0	-159.79	13.31	0.47	112.92	-56.68	2273.99
		0.0	-56.68	-0.02	0.0	60.5	-180.18	-17.00	0.47	112.92	-28.34	2217.09
						120.9	-207.86	-58.14	0.47	112.92	0.0	0.0
250	91	1388.89	0.0	0.02	-48.15	0.0	-128.81	12.49	0.34	167.62	-41.42	1140.82
		0.0	-41.42	-8.89e-03	0.0	60.5	-142.83	-8.35	0.34	167.62	-20.71	1298.37
						120.9	-161.21	-35.67	0.34	167.62	0.0	0.0
250	92	1839.90	0.0	0.03	-57.97	0.0	-141.89	12.83	0.40	144.70	-48.19	1618.75
		0.0	-48.19	-0.01	0.0	60.5	-158.60	-12.00	0.40	144.70	-24.09	1685.70
						120.9	-180.89	-45.14	0.40	144.70	0.0	0.0
251	1	2453.15	0.0	-0.05	-54.85	0.0	-290.65	50.91	-1.26	-186.80	0.0	0.0
		0.0	-145.69	0.02	0.0	57.7	-268.27	19.89	-1.26	-186.80	-72.85	2008.22
						115.4	-251.08	-3.94	-1.26	-186.80	-145.69	2433.86
251	5	1344.34	0.0	-0.03	-34.80	0.0	-198.51	30.01	-1.15	-162.90	0.0	0.0
		0.0	-132.56	0.01	0.0	57.7	-184.47	10.55	-1.15	-162.90	-66.28	1150.35
						115.4	-173.41	-4.78	-1.15	-162.90	-132.56	1296.74
251	11	1.043e+04	142.58	-0.14	-157.26	0.0	-639.34	177.85	1.24	80.41	0.0	0.0
		0.0	0.0	0.06	0.0	57.7	-573.10	86.02	1.24	80.41	71.29	7485.93
						115.4	-525.90	20.58	1.24	80.41	142.58	1.043e+04
251	12	7265.48	84.46	-0.10	-111.08	0.0	-458.77	124.64	0.73	36.36	0.0	0.0
		0.0	0.0	0.04	0.0	57.7	-412.06	59.88	0.73	36.36	42.23	5235.17
						115.4	-378.65	13.56	0.73	36.36	84.46	7265.48
251	14	9297.42	155.71	-0.12	-137.21	0.0	-547.20	156.95	1.35	104.31	0.0	0.0
		0.0	0.0	0.05	0.0	57.7	-489.29	76.67	1.35	104.31	77.85	6628.07
						115.4	-448.23	19.74	1.35	104.31	155.71	9297.42
251	28	1636.88	0.0	-0.04	-46.44	0.0	-231.76	38.68	-1.79	-190.63	0.0	0.0
		0.0	-207.04	0.02	0.0	57.7	-212.73	12.30	-1.79	-190.63	-103.52	1440.30
						115.4	-198.26	-7.76	-1.79	-190.63	-207.04	1540.63
251	29	2864.47	5.79	-0.04	-46.44	0.0	-244.13	50.15	0.05	-74.63	0.0	0.0
		0.0	0.0	0.01	0.0	57.7	-225.10	23.77	0.05	-74.63	2.89	2102.22
						115.4	-210.63	3.71	0.05	-74.63	5.79	2864.47
251	40	1744.63	0.0	-0.04	-46.44	0.0	-257.62	39.83	-6.14	-167.11	0.0	0.0
		0.0	-708.98	0.03	0.0	57.7	-238.59	13.45	-6.14	-167.11	-354.49	1506.61
						115.4	-224.11	-6.62	-6.14	-167.11	-708.98	1673.24
251	41	2731.86	507.73	-0.04	-46.44	0.0	-218.27	49.00	4.40	-98.15	0.0	0.0
		0.0	0.0	9.47e-03	0.0	57.7	-199.24	22.62	4.40	-98.15	253.86	2035.91
						115.4	-184.77	2.56	4.40	-98.15	507.73	2731.86
251	43	2425.56	479.83	-0.04	-46.44	0.0	-210.83	46.35	4.16	-128.49	0.0	0.0
		0.0	0.0	8.38e-03	0.0	57.7	-191.80	19.96	4.16	-128.49	239.91	1882.77
						115.4	-177.33	-0.10	4.16	-128.49	479.83	2425.56
251	46	2005.27	0.0	-0.04	-46.44	0.0	-265.06	42.48	-5.90	-136.77	0.0	0.0
		0.0	-681.08	0.03	0.0	57.7	-246.03	16.10	-5.90	-136.77	-340.54	1659.75
						115.4	-231.56	-3.96	-5.90	-136.77	-681.08	1979.54
251	60	1500.80	0.0	-0.05	-46.44	0.0	-230.09	37.13	-2.05	-206.37	0.0	0.0
		0.0	-236.02	0.03	0.0	57.7	-211.06	10.74	-2.05	-206.37	-118.01	1350.72
						115.4	-196.59	-9.32	-2.05	-206.37	-236.02	1361.48
251	61	3043.62	34.77	-0.04	-46.44	0.0	-245.80	51.70	0.30	-58.90	0.0	0.0

		0.0	0.0	0.01	0.0	57.7	-226.77	25.32	0.30	-58.90	17.38	2191.80
						115.4	-212.30	5.26	0.30	-58.90	34.77	3043.62
251	72	1628.45	0.0	-0.04	-46.44	0.0	-263.04	38.59	-7.58	-176.42	0.0	0.0
		0.0	-874.45	0.03	0.0	57.7	-244.01	12.21	-7.58	-176.42	-437.23	1435.11
						115.4	-229.54	-7.85	-7.58	-176.42	-874.45	1530.25
251	73	2874.85	673.20	-0.04	-46.44	0.0	-212.84	50.24	5.83	-88.84	0.0	0.0
		0.0	0.0	6.93e-03	0.0	57.7	-193.81	23.86	5.83	-88.84	336.60	2107.41
						115.4	-179.34	3.80	5.83	-88.84	673.20	2874.85
251	75	2485.78	637.94	-0.05	-46.44	0.0	-203.40	46.87	5.53	-127.39	0.0	0.0
		0.0	0.0	5.54e-03	0.0	57.7	-184.37	20.49	5.53	-127.39	318.97	1912.87
						115.4	-169.90	0.43	5.53	-127.39	637.94	2485.78
251	78	1952.58	0.0	-0.03	-46.44	0.0	-272.48	41.96	-7.27	-137.87	0.0	0.0
		0.0	-839.19	0.03	0.0	57.7	-253.45	15.58	-7.27	-137.87	-419.59	1629.65
						115.4	-238.98	-4.48	-7.27	-137.87	-839.19	1919.33
251	79	1649.72	0.0	-0.03	-38.98	0.0	-212.68	35.18	-1.05	-152.04	0.0	0.0
		0.0	-120.98	0.02	0.0	57.7	-196.84	13.23	-1.05	-152.04	-60.49	1373.29
						115.4	-184.56	-3.79	-1.05	-152.04	-120.98	1622.00
251	83	5601.16	23.70	-0.08	-89.83	0.0	-386.19	98.27	0.21	-19.20	0.0	0.0
		0.0	0.0	0.03	0.0	57.7	-348.57	46.13	0.21	-19.20	11.85	4096.50
						115.4	-321.39	8.44	0.21	-19.20	23.70	5601.16
251	85	6955.78	71.20	-0.10	-107.25	0.0	-445.14	119.81	0.62	26.10	0.0	0.0
		0.0	0.0	0.04	0.0	57.7	-400.06	57.32	0.62	26.10	35.60	5025.10
						115.4	-367.77	12.56	0.62	26.10	71.20	6955.78
251	86	1649.72	0.0	-0.03	-38.98	0.0	-212.68	35.18	-1.05	-152.04	0.0	0.0
		0.0	-120.98	0.02	0.0	57.7	-196.84	13.23	-1.05	-152.04	-60.49	1373.29
						115.4	-184.56	-3.79	-1.05	-152.04	-120.98	1622.00
251	88	2419.42	0.0	-0.04	-49.15	0.0	-247.38	47.80	-0.80	-125.47	0.0	0.0
		0.0	-92.04	0.02	0.0	57.7	-227.19	19.81	-0.80	-125.47	-46.02	1917.93
						115.4	-211.93	-1.35	-0.80	-125.47	-92.04	2417.83
251	90	2998.38	0.0	-0.05	-56.61	0.0	-272.64	57.03	-0.62	-106.06	0.0	0.0
		0.0	-71.69	0.02	0.0	57.7	-249.26	24.61	-0.62	-106.06	-35.84	2315.90
						115.4	-231.81	0.42	-0.62	-106.06	-71.69	2998.38
251	91	1649.72	0.0	-0.03	-38.98	0.0	-212.68	35.18	-1.05	-152.04	0.0	0.0
		0.0	-120.98	0.02	0.0	57.7	-196.84	13.23	-1.05	-152.04	-60.49	1373.29
						115.4	-184.56	-3.79	-1.05	-152.04	-120.98	1622.00
251	92	2209.45	0.0	-0.04	-46.44	0.0	-237.94	44.41	-0.87	-132.63	0.0	0.0
		0.0	-100.63	0.02	0.0	57.7	-218.91	18.03	-0.87	-132.63	-50.31	1771.26
						115.4	-204.44	-2.03	-0.87	-132.63	-100.63	2202.55
252	1	2396.66	0.0	0.07	-62.38	0.0	-200.15	8.57	1.95	132.02	-228.00	2306.37
		0.0	-228.00	-0.03	0.0	58.3	-219.25	-18.35	1.95	132.02	-114.00	2062.91
						116.7	-244.42	-53.81	1.95	132.02	0.0	0.0
252	5	1320.83	0.0	0.04	-39.19	0.0	-138.85	7.55	1.54	125.45	-179.63	1213.55
		0.0	-179.63	-0.02	0.0	58.3	-151.01	-9.58	1.54	125.45	-89.82	1178.26
						116.7	-166.66	-31.64	1.54	125.45	0.0	0.0
252	11	1.010e+04	0.0	0.16	-184.20	0.0	-410.31	-4.95	1.43	-200.42	-166.49	1.010e+04
		0.0	-166.49	-0.06	0.0	58.3	-464.53	-81.35	1.43	-200.42	-83.25	7736.88
						116.7	-541.02	-189.15	1.43	-200.42	0.0	0.0
252	12	7029.57	0.0	0.12	-129.93	0.0	-295.64	-2.61	1.14	-122.65	-132.58	7029.57
		0.0	-132.58	-0.05	0.0	58.3	-333.96	-56.60	1.14	-122.65	-66.29	5409.51
						116.7	-387.84	-132.53	1.14	-122.65	0.0	0.0
252	14	9008.54	0.0	0.14	-161.01	0.0	-349.01	-5.97	1.01	-206.99	-118.13	9008.54
		0.0	-118.13	-0.05	0.0	58.3	-396.28	-72.59	1.01	-206.99	-59.06	6852.23
						116.7	-463.26	-166.98	1.01	-206.99	0.0	0.0
252	28	2431.29	0.0	0.05	-53.04	0.0	-160.50	3.30	4.58	54.67	-533.78	2416.00
		0.0	-533.78	-0.02	0.0	58.3	-176.65	-19.46	4.58	54.67	-266.89	1981.50
						116.7	-198.14	-49.74	4.58	54.67	0.0	0.0
252	35	2763.85	330.51	0.06	-53.04	0.0	-149.45	0.32	-2.83	47.03	330.51	2763.85
		0.0	0.0	6.88e-04	0.0	58.3	-165.60	-22.44	-2.83	47.03	165.26	2155.42
						116.7	-187.09	-52.72	-2.83	47.03	0.0	0.0
252	36	1832.06	0.0	0.05	-53.04	0.0	-173.19	9.39	6.90	104.31	-804.71	1705.81
		0.0	-804.71	-0.04	0.0	58.3	-189.34	-13.37	6.90	104.31	-402.36	1626.40
						116.7	-210.83	-43.65	6.90	104.31	0.0	0.0
252	37	2496.77	458.51	0.06	-53.04	0.0	-152.08	2.71	-3.93	71.39	458.51	2485.83
		0.0	0.0	-3.43e-03	0.0	58.3	-168.23	-20.05	-3.93	71.39	229.26	2016.41
						116.7	-189.72	-50.33	-3.93	71.39	0.0	0.0
252	38	1623.55	0.0	0.05	-53.04	0.0	-175.82	11.78	5.80	128.67	-676.71	1427.79
		0.0	-676.71	-0.05	0.0	58.3	-191.97	-10.99	5.80	128.67	-338.36	1487.39
						116.7	-213.46	-41.27	5.80	128.67	0.0	0.0
252	60	2512.71	0.0	0.05	-53.04	0.0	-159.98	2.56	5.41	45.69	-630.61	2502.84
		0.0	-630.61	-0.02	0.0	58.3	-176.13	-20.20	5.41	45.69	-315.31	2024.92
						116.7	-197.62	-50.48	5.41	45.69	0.0	0.0
252	67	2945.21	468.85	0.06	-53.04	0.0	-145.88	-1.23	-4.02	35.91	468.85	2945.21
		0.0	0.0	6.87e-03	0.0	58.3	-162.03	-23.99	-4.02	35.91	234.42	2246.10
						116.7	-183.52	-54.27	-4.02	35.91	0.0	0.0
252	68	1752.68	0.0	0.05	-53.04	0.0	-176.08	10.30	8.37	108.82	-976.95	1599.97
		0.0	-976.95	-0.05	0.0	58.3	-192.23	-12.46	8.37	108.82	-488.48	1573.48
						116.7	-213.72	-42.74	8.37	108.82	0.0	0.0

252	69	2595.99 0.0	630.75 0.0	0.06 1.65e-03	-53.04 0.0	0.0 58.3	-149.19 -165.34	1.80 -20.96	-5.41 -5.41	66.88 66.88	630.75 315.38	2591.67 2069.33
						116.7	-186.83	-51.24	-5.41	66.88	0.0	0.0
252	70	1498.09 0.0	0.0 -815.05	0.05 -0.05	-53.04 0.0	0.0 58.3	-179.39 -195.54	13.33 -9.43	6.99 6.99	139.79 139.79	-815.05 -407.52	1246.43 1396.71
						116.7	-217.03	-39.71	6.99	139.79	0.0	0.0
252	79	1614.21 0.0	0.0 -177.23	0.05 -0.02	-44.16 0.0	0.0 58.3	-147.39 -160.98	7.01 -12.14	1.52 1.52	111.95 111.95	-177.23 -88.62	1530.40 1409.20
						116.7	-178.73	-37.15	1.52	111.95	0.0	0.0
252	83	5407.75 0.0	0.0 -145.86	0.10 -0.04	-104.65 0.0	0.0 58.3	-251.92 -282.95	0.24 -43.49	1.25 1.25	-53.46 -53.46	-145.86 -72.93	5407.75 4230.03
						116.7	-326.18	-104.41	1.25	-53.46	0.0	0.0
252	85	6727.06 0.0	0.0 -136.23	0.11 -0.04	-125.37 0.0	0.0 58.3	-287.50 -324.50	-2.00 -54.15	1.17 1.17	-109.68 -109.68	-136.23 -68.11	6727.06 5191.85
						116.7	-376.46	-127.38	1.17	-109.68	0.0	0.0
252	86	1614.21 0.0	0.0 -177.23	0.05 -0.02	-44.16 0.0	0.0 58.3	-147.39 -160.98	7.01 -12.14	1.52 1.52	111.95 111.95	-177.23 -88.62	1530.40 1409.20
						116.7	-178.73	-37.15	1.52	111.95	0.0	0.0
252	88	2350.66 0.0	0.0 -170.96	0.06 -0.02	-56.26 0.0	0.0 58.3	-168.30 -185.37	5.66 -18.41	1.47 1.47	78.87 78.87	-170.96 -85.48	2305.87 1973.37
						116.7	-208.22	-50.60	1.47	78.87	0.0	0.0
252	90	2896.75 0.0	0.0 -166.83	0.06 -0.03	-65.14 0.0	0.0 58.3	-183.54 -203.18	4.69 -22.98	1.43 1.43	54.77 54.77	-166.83 -83.41	2871.29 2385.57
						116.7	-229.77	-60.44	1.43	54.77	0.0	0.0
252	91	1614.21 0.0	0.0 -177.23	0.05 -0.02	-44.16 0.0	0.0 58.3	-147.39 -160.98	7.01 -12.14	1.52 1.52	111.95 111.95	-177.23 -88.62	1530.40 1409.20
						116.7	-178.73	-37.15	1.52	111.95	0.0	0.0
252	92	2148.26 0.0	0.0 -173.10	0.05 -0.02	-53.04 0.0	0.0 58.3	-162.64 -178.79	6.05 -16.71	1.48 1.48	87.85 87.85	-173.10 -86.55	2095.82 1821.41
						116.7	-200.27	-46.99	1.48	87.85	0.0	0.0
253	1	2460.63 0.0	0.0 -154.46	-0.03 0.03	-61.35 0.0	0.0 59.1	-245.48 -221.27	53.61 18.80	-1.31 -1.31	-195.80 -195.80	0.0 -77.23	0.0 2100.24
						118.3	-202.83	-7.73	-1.31	-195.80	-154.46	2386.48
253	5	1356.31 0.0	0.0 -121.11	-0.02 0.02	-38.66 0.0	0.0 59.1	-166.72 -151.62	31.58 9.86	-1.02 -1.02	-175.64 -175.64	0.0 -60.55	0.0 1201.75
						118.3	-139.84	-7.08	-1.02	-175.64	-121.11	1260.36
253	8	7146.77 0.0	0.0 -95.74	-0.09 0.05	-126.05 0.0	0.0 59.1	-392.74 -341.58	130.50 56.90	-0.81 -0.81	81.02 81.02	0.0 -47.87	0.0 5437.06
						118.3	-305.12	4.45	-0.81	81.02	-95.74	7146.77
253	11	1.039e+04 0.0	0.0 -118.58	-0.13 0.07	-180.17 0.0	0.0 59.1	-552.34 -479.09	188.09 82.72	-1.00 -1.00	153.98 153.98	0.0 -59.29	0.0 7857.12
						118.3	-427.09	7.92	-1.00	153.98	-118.58	1.039e+04
253	23	2844.78 0.0	479.07 0.0	-0.03 5.29e-03	-52.09 0.0	0.0 59.1	-177.24 -156.60	52.53 22.84	4.05 4.05	-92.97 -92.97	0.0 239.53	0.0 2192.54
						118.3	-141.03	0.44	4.05	-92.97	479.07	2844.78
253	24	2567.83 0.0	564.48 0.0	-0.04 8.50e-04	-52.09 0.0	0.0 59.1	-172.90 -152.26	50.14 20.45	4.77 4.77	-117.09 -117.09	0.0 282.24	0.0 2051.25
						118.3	-136.69	-1.95	4.77	-117.09	564.48	2562.19
253	25	1879.89 0.0	0.0 -799.53	-0.02 0.04	-52.09 0.0	0.0 59.1	-230.20 -209.56	43.44 13.75	-6.76 -6.76	-155.57 -155.57	0.0 -399.77	0.0 1655.04
						118.3	-193.99	-8.65	-6.76	-155.57	-799.53	1769.78
253	43	2750.04 0.0	172.26 0.0	-0.02 0.03	-52.09 0.0	0.0 59.1	-200.12 -179.48	51.73 22.04	1.46 1.46	-88.25 -88.25	0.0 86.13	0.0 2145.18
						118.3	-163.91	-0.36	1.46	-88.25	172.26	2750.04
253	55	3029.09 0.0	640.95 0.0	-0.03 7.47e-04	-52.09 0.0	0.0 59.1	-170.65 -150.01	54.09 24.39	5.42 5.42	-81.20 -81.20	0.0 320.48	0.0 2284.70
						118.3	-134.44	2.00	5.42	-81.20	640.95	3029.09
253	56	2669.85 0.0	749.88 0.0	-0.04 -4.88e-03	-52.09 0.0	0.0 59.1	-165.12 -144.48	51.05 21.36	6.34 6.34	-111.87 -111.87	0.0 374.94	0.0 2105.08
						118.3	-128.90	-1.04	6.34	-111.87	749.88	2669.85
253	57	1797.26 0.0	0.0 -984.93	-0.01 0.05	-52.09 0.0	0.0 59.1	-237.99 -217.35	42.53 12.84	-8.33 -8.33	-160.80 -160.80	0.0 -492.47	0.0 1601.22
						118.3	-201.77	-9.56	-8.33	-160.80	-984.93	1662.12
253	75	2909.05 0.0	250.52 0.0	-0.02 0.03	-52.09 0.0	0.0 59.1	-199.72 -179.08	53.07 23.38	2.12 2.12	-75.14 -75.14	0.0 125.26	0.0 2224.68
						118.3	-163.51	0.98	2.12	-75.14	250.52	2909.05
253	79	1658.72 0.0	0.0 -119.81	-0.02 0.02	-43.48 0.0	0.0 59.1	-179.21 -162.13	37.04 12.46	-1.01 -1.01	-161.49 -161.49	0.0 -59.91	0.0 1435.65
						118.3	-148.99	-6.44	-1.01	-161.49	-119.81	1585.58
253	82	5509.86 0.0	0.0 -102.90	-0.07 0.04	-101.74 0.0	0.0 59.1	-329.90 -288.76	102.99 43.82	-0.87 -0.87	9.61 9.61	0.0 -51.45	0.0 4259.19
						118.3	-259.17	1.25	-0.87	9.61	-102.90	5509.86
253	85	6919.06 0.0	0.0 -95.89	-0.09 0.05	-122.69 0.0	0.0 59.1	-383.79 -334.01	126.69 55.08	-0.81 -0.81	71.69 71.69	0.0 -47.94	0.0 5273.57
						118.3	-298.50	4.00	-0.81	71.69	-95.89	6919.06
253	86	1658.72 0.0	0.0 -119.81	-0.02 0.02	-43.48 0.0	0.0 59.1	-179.21 -162.13	37.04 12.46	-1.01 -1.01	-161.49 -161.49	0.0 -59.91	0.0 1435.65

						118.3	-148.99	-6.44	-1.01	-161.49	-119.81	1585.58
253	87	2580.82	0.0	-0.03	-57.83	0.0	-216.44	53.29	-0.98	-119.56	0.0	0.0
		0.0	-116.00	0.02	0.0	59.1	-193.43	20.19	-0.98	-119.56	-58.00	2131.48
						118.3	-176.24	-4.54	-0.98	-119.56	-116.00	2552.92
253	90	2978.97	0.0	-0.04	-63.91	0.0	-232.04	60.17	-0.96	-101.44	0.0	0.0
		0.0	-113.81	0.03	0.0	59.1	-206.52	23.46	-0.96	-101.44	-56.90	2425.90
						118.3	-187.61	-3.75	-0.96	-101.44	-113.81	2961.83
253	91	1658.72	0.0	-0.02	-43.48	0.0	-179.21	37.04	-1.01	-161.49	0.0	0.0
		0.0	-119.81	0.02	0.0	59.1	-162.13	12.46	-1.01	-161.49	-59.91	1435.65
						118.3	-148.99	-6.44	-1.01	-161.49	-119.81	1585.58
253	92	2208.60	0.0	-0.03	-52.09	0.0	-201.55	46.79	-0.99	-136.33	0.0	0.0
		0.0	-117.53	0.02	0.0	59.1	-180.91	17.10	-0.99	-136.33	-58.76	1853.15
						118.3	-165.34	-5.30	-0.99	-136.33	-117.53	2165.99
254	1	1133.95	587.48	0.06	-56.68	0.0	-240.04	20.65	-5.08	-293.09	587.48	598.95
		0.0	0.0	0.03	0.0	57.8	-257.73	-3.93	-5.08	-293.09	293.74	1118.22
						115.6	-280.84	-36.03	-5.08	-293.09	0.0	0.0
254	5	693.64	331.20	0.04	-35.86	0.0	-163.52	13.58	-2.87	-209.20	331.20	335.84
		0.0	0.0	0.02	0.0	57.8	-174.86	-2.18	-2.87	-209.20	165.60	685.87
						115.6	-189.33	-22.28	-2.87	-209.20	0.0	0.0
254	7	1594.89	941.41	0.08	-74.93	0.0	-269.96	25.22	-8.15	-291.15	941.41	965.71
		0.0	0.0	0.04	0.0	57.8	-292.74	-6.41	-8.15	-291.15	470.70	1565.26
						115.6	-323.91	-49.71	-8.15	-291.15	0.0	0.0
254	11	3616.17	2265.14	0.16	-163.89	0.0	-534.11	52.54	-19.60	-519.04	2265.14	2334.52
		0.0	0.0	0.08	0.0	57.8	-583.16	-15.60	-19.60	-519.04	1132.57	3534.67
						115.6	-652.09	-111.36	-19.60	-519.04	0.0	0.0
254	16	1051.38	758.23	0.05	-48.05	0.0	-208.36	16.06	-6.56	-212.33	758.23	665.01
		0.0	0.0	0.03	0.0	57.8	-223.27	-4.65	-6.56	-212.33	379.12	1026.57
						115.6	-242.95	-31.99	-6.56	-212.33	0.0	0.0
254	28	1033.13	615.02	0.05	-48.05	0.0	-207.42	16.32	-5.32	-209.83	615.02	635.81
		0.0	0.0	0.02	0.0	57.8	-222.34	-4.40	-5.32	-209.83	307.51	1011.97
						115.6	-242.01	-31.73	-5.32	-209.83	0.0	0.0
254	31	962.92	1128.08	0.05	-48.05	0.0	-226.22	17.39	-9.76	-233.21	1128.08	511.19
		0.0	0.0	0.05	0.0	57.8	-241.13	-3.32	-9.76	-233.21	564.04	949.66
						115.6	-260.80	-30.65	-9.76	-233.21	0.0	0.0
254	34	986.79	0.0	0.06	-48.05	0.0	-167.28	17.03	0.74	-236.34	-85.15	553.62
		0.0	-85.15	3.70e-03	0.0	57.8	-182.19	-3.69	0.74	-236.34	-42.57	970.87
						115.6	-201.87	-31.02	0.74	-236.34	0.0	0.0
254	48	1073.82	822.49	0.05	-48.05	0.0	-211.51	15.75	-7.12	-206.26	822.49	700.91
		0.0	0.0	0.03	0.0	57.8	-226.42	-4.96	-7.12	-206.26	411.24	1044.52
						115.6	-246.10	-32.30	-7.12	-206.26	0.0	0.0
254	60	1050.66	640.42	0.05	-48.05	0.0	-210.34	16.07	-5.54	-203.05	640.42	663.86
		0.0	0.0	0.02	0.0	57.8	-225.25	-4.64	-5.54	-203.05	320.21	1025.99
						115.6	-244.92	-31.98	-5.54	-203.05	0.0	0.0
254	63	959.68	1294.08	0.05	-48.05	0.0	-234.28	17.44	-11.20	-232.81	1294.08	505.44
		0.0	0.0	0.06	0.0	57.8	-249.19	-3.27	-11.20	-232.81	647.04	946.78
						115.6	-268.87	-30.60	-11.20	-232.81	0.0	0.0
254	66	990.02	0.0	0.06	-48.05	0.0	-159.22	16.98	2.17	-236.75	-251.14	559.37
		0.0	-251.14	-2.67e-03	0.0	57.8	-174.13	-3.74	2.17	-236.75	-125.57	973.75
						115.6	-193.81	-31.07	2.17	-236.75	0.0	0.0
254	79	794.60	399.43	0.05	-40.23	0.0	-175.46	14.88	-3.46	-218.39	399.43	406.43
		0.0	0.0	0.02	0.0	57.8	-188.09	-2.66	-3.46	-218.39	199.71	784.39
						115.6	-204.42	-25.35	-3.46	-218.39	0.0	0.0
254	81	1395.44	806.23	0.07	-66.28	0.0	-246.42	22.65	-6.98	-273.02	806.23	826.34
		0.0	0.0	0.03	0.0	57.8	-266.67	-5.48	-6.98	-273.02	403.12	1370.64
						115.6	-294.14	-43.64	-6.98	-273.02	0.0	0.0
254	85	2448.06	1517.87	0.11	-111.71	0.0	-371.51	36.14	-13.14	-369.02	1517.87	1563.48
		0.0	0.0	0.05	0.0	57.8	-405.04	-10.44	-13.14	-369.02	758.93	2395.36
						115.6	-451.92	-75.57	-13.14	-369.02	0.0	0.0
254	86	794.60	399.43	0.05	-40.23	0.0	-175.46	14.88	-3.46	-218.39	399.43	406.43
		0.0	0.0	0.02	0.0	57.8	-188.09	-2.66	-3.46	-218.39	199.71	784.39
						115.6	-204.42	-25.35	-3.46	-218.39	0.0	0.0
254	87	1095.02	602.83	0.06	-53.26	0.0	-210.94	18.76	-5.22	-245.70	602.83	616.39
		0.0	0.0	0.03	0.0	57.8	-227.38	-4.07	-5.22	-245.70	301.41	1077.52
						115.6	-249.28	-34.50	-5.22	-245.70	0.0	0.0
254	90	1220.99	688.20	0.06	-58.70	0.0	-226.02	20.38	-5.96	-257.25	688.20	705.03
		0.0	0.0	0.03	0.0	57.8	-244.05	-4.67	-5.96	-257.25	344.10	1200.38
						115.6	-268.28	-38.32	-5.96	-257.25	0.0	0.0
254	91	794.60	399.43	0.05	-40.23	0.0	-175.46	14.88	-3.46	-218.39	399.43	406.43
		0.0	0.0	0.02	0.0	57.8	-188.09	-2.66	-3.46	-218.39	199.71	784.39
						115.6	-204.42	-25.35	-3.46	-218.39	0.0	0.0
254	92	974.85	521.47	0.05	-48.05	0.0	-196.75	17.21	-4.51	-234.78	521.47	532.40
		0.0	0.0	0.03	0.0	57.8	-211.66	-3.50	-4.51	-234.78	260.73	960.26
						115.6	-231.34	-30.84	-4.51	-234.78	0.0	0.0
255	1	19.67	221.09	-0.03	-67.42	0.0	-252.42	63.26	-1.83	228.30	221.09	-3189.64
		-3189.64	0.0	-0.02	0.0	60.3	-226.50	24.89	-1.83	228.30	110.55	-578.26
						120.6	-206.88	-4.16	-1.83	228.30	0.0	0.0
255	5	16.88	181.79	-0.02	-42.26	0.0	-167.71	39.11	-1.51	204.69	181.79	-1953.05

		-1953.05	0.0	-0.01	0.0	60.3	-151.63	15.30	-1.51	204.69	90.90	-339.41
						120.6	-139.17	-3.14	-1.51	204.69	0.0	0.0
255	11	6.25	60.74	-0.13	-201.23	0.0	-620.10	196.18	-0.50	-176.62	60.74	-1.014e+04
		-1.014e+04	0.0	-0.06	0.0	60.3	-540.52	78.35	-0.50	-176.62	30.37	-2037.24
						120.6	-484.19	-5.05	-0.50	-176.62	0.0	0.0
255	15	17.72	1162.48	-0.04	-57.38	0.0	-206.47	53.73	-9.64	116.13	1162.48	-2690.20
		-2690.20	0.0	-3.07e-03	0.0	60.3	-184.32	20.93	-9.64	116.13	581.24	-479.91
						120.6	-167.71	-3.65	-9.64	116.13	0.0	0.0
255	16	0.0	973.67	-0.03	-57.38	0.0	-204.79	57.69	-8.07	101.30	973.67	-3167.32
		-3167.32	0.0	-0.01	0.0	60.3	-182.64	24.89	-8.07	101.30	486.84	-718.47
						120.6	-166.03	0.30	-8.07	101.30	0.0	0.0
255	17	62.07	0.0	-0.03	-57.38	0.0	-213.93	50.62	5.36	216.66	-646.96	-2314.93
		-2314.93	-646.96	-0.03	0.0	60.3	-191.78	17.82	5.36	216.66	-323.48	-292.28
						120.6	-175.18	-6.76	5.36	216.66	0.0	0.0
255	18	11.35	0.0	-0.02	-57.38	0.0	-212.25	54.57	6.93	201.83	-835.77	-2792.05
		-2792.05	-835.77	-0.03	0.0	60.3	-190.10	21.78	6.93	201.83	-417.88	-530.84
						120.6	-173.49	-2.81	6.93	201.83	0.0	0.0
255	36	0.0	73.64	-0.02	-57.38	0.0	-207.18	61.29	-0.61	121.47	73.64	-3601.99
		-3601.99	0.0	-0.03	0.0	60.3	-185.03	28.49	-0.61	121.47	36.82	-935.81
						120.6	-168.42	3.91	-0.61	121.47	0.0	0.0
255	37	147.88	253.08	-0.04	-57.38	0.0	-211.54	47.02	-2.10	196.49	253.08	-1880.26
		-1880.26	0.0	-7.96e-03	0.0	60.3	-189.39	14.22	-2.10	196.49	126.54	-74.94
						120.6	-172.79	-10.37	-2.10	196.49	0.0	0.0
255	47	18.57	1433.61	-0.04	-57.38	0.0	-205.73	53.62	-11.89	104.54	1433.61	-2676.55
		-2676.55	0.0	1.08e-03	0.0	60.3	-183.57	20.82	-11.89	104.54	716.80	-473.09
						120.6	-166.97	-3.76	-11.89	104.54	0.0	0.0
255	48	0.0	1192.69	-0.03	-57.38	0.0	-203.58	58.65	-9.89	85.71	1192.69	-3283.12
		-3283.12	0.0	-9.54e-03	0.0	60.3	-181.42	25.85	-9.89	85.71	596.35	-776.38
						120.6	-164.82	1.26	-9.89	85.71	0.0	0.0
255	49	83.45	0.0	-0.02	-57.38	0.0	-215.14	49.66	7.18	232.25	-865.98	-2199.12
		-2199.12	-865.98	-0.03	0.0	60.3	-192.99	16.86	7.18	232.25	-432.99	-234.38
						120.6	-176.39	-7.72	7.18	232.25	0.0	0.0
255	50	10.50	0.0	-0.01	-57.38	0.0	-213.00	54.69	9.18	213.42	-1106.89	-2805.69
		-2805.69	-1106.89	-0.04	0.0	60.3	-190.84	21.89	9.18	213.42	-553.45	-537.66
						120.6	-174.24	-2.69	9.18	213.42	0.0	0.0
255	68	0.0	48.01	-0.01	-57.38	0.0	-206.56	63.23	-0.40	111.33	48.01	-3835.53
		-3835.53	0.0	-0.03	0.0	60.3	-184.41	30.43	-0.40	111.33	24.01	-1052.58
						120.6	-167.81	5.84	-0.40	111.33	0.0	0.0
255	69	206.26	278.70	-0.04	-57.38	0.0	-212.16	45.08	-2.31	206.63	278.70	-1646.72
		-1646.72	0.0	-5.10e-03	0.0	60.3	-190.01	12.28	-2.31	206.63	139.35	41.82
						120.6	-173.40	-12.30	-2.31	206.63	0.0	0.0
255	79	15.59	175.17	-0.02	-47.69	0.0	-182.66	44.51	-1.45	188.26	175.17	-2235.95
		-2235.95	0.0	-0.02	0.0	60.3	-164.40	17.47	-1.45	188.26	87.58	-398.99
						120.6	-150.46	-3.17	-1.45	188.26	0.0	0.0
255	85	6.64	68.26	-0.08	-136.89	0.0	-427.79	133.12	-0.57	-81.69	68.26	-6871.37
		-6871.37	0.0	-0.04	0.0	60.3	-373.75	53.11	-0.57	-81.69	34.13	-1371.64
						120.6	-335.33	-3.77	-0.57	-81.69	0.0	0.0
255	86	15.59	175.17	-0.02	-47.69	0.0	-182.66	44.51	-1.45	188.26	175.17	-2235.95
		-2235.95	0.0	-0.02	0.0	60.3	-164.40	17.47	-1.45	188.26	87.58	-398.99
						120.6	-150.46	-3.17	-1.45	188.26	0.0	0.0
255	90	13.24	147.49	-0.04	-70.70	0.0	-245.93	67.37	-1.22	118.65	147.49	-3432.46
		-3432.46	0.0	-0.02	0.0	60.3	-218.44	26.67	-1.22	118.65	73.74	-650.26
						120.6	-198.18	-3.32	-1.22	118.65	0.0	0.0
255	91	15.59	175.17	-0.02	-47.69	0.0	-182.66	44.51	-1.45	188.26	175.17	-2235.95
		-2235.95	0.0	-0.02	0.0	60.3	-164.40	17.47	-1.45	188.26	87.58	-398.99
						120.6	-150.46	-3.17	-1.45	188.26	0.0	0.0
255	92	14.53	163.36	-0.03	-57.38	0.0	-209.36	54.15	-1.35	158.98	163.36	-2741.12
		-2741.12	0.0	-0.02	0.0	60.3	-187.21	21.36	-1.35	158.98	81.68	-505.38
						120.6	-170.60	-3.23	-1.35	158.98	0.0	0.0
256	1	2632.30	0.0	0.05	-55.98	0.0	-215.27	3.23	1.65	-217.20	-193.44	2618.25
		0.0	-193.44	0.01	0.0	58.6	-232.40	-21.11	1.65	-217.20	-96.72	2129.83
						117.3	-254.69	-52.76	1.65	-217.20	0.0	0.0
256	5	1521.35	0.0	0.03	-35.53	0.0	-147.09	3.62	0.81	-186.29	-94.43	1493.72
		0.0	-94.43	7.92e-03	0.0	58.6	-158.11	-12.03	0.81	-186.29	-47.22	1267.69
						117.3	-172.11	-31.91	0.81	-186.29	0.0	0.0
256	11	9847.54	0.0	0.16	-160.96	0.0	-471.81	-12.49	8.13	50.98	-952.88	9847.54
		0.0	-952.88	0.05	0.0	58.6	-518.96	-79.47	8.13	50.98	-476.44	7283.42
						117.3	-585.13	-173.45	8.13	50.98	0.0	0.0
256	14	8723.01	0.0	0.14	-140.51	0.0	-403.63	-12.10	7.28	81.89	-853.86	8723.01
		0.0	-853.86	0.05	0.0	58.6	-444.68	-70.40	7.28	81.89	-426.93	6421.28
						117.3	-502.55	-152.60	7.28	81.89	0.0	0.0
256	20	1822.95	685.93	0.04	-47.39	0.0	-220.31	6.61	-5.85	-178.99	685.93	1752.05
		0.0	0.0	0.03	0.0	58.6	-234.73	-13.87	-5.85	-178.99	342.97	1570.81
						117.3	-253.68	-40.78	-5.85	-178.99	0.0	0.0
256	21	2873.65	0.0	0.05	-47.39	0.0	-132.17	-2.95	8.92	-133.16	-1046.35	2873.65
		0.0	-1046.35	-3.31e-03	0.0	58.6	-146.59	-23.43	8.92	-133.16	-523.17	2131.61
						117.3	-165.54	-50.35	8.92	-133.16	0.0	0.0

256	22	3020.53	0.0	0.05	-47.39	0.0	-142.87	-4.21	8.32	-110.87	-975.64	3020.53
		0.0	-975.64	-3.42e-03	0.0	58.6	-157.28	-24.68	8.32	-110.87	-487.82	2205.06
						117.3	-176.24	-51.60	8.32	-110.87	0.0	0.0
256	38	2705.27	0.0	0.03	-47.39	0.0	-184.35	-1.52	3.75	-111.78	-439.56	2705.27
		0.0	-439.56	6.78e-03	0.0	58.6	-198.77	-21.99	3.75	-111.78	-219.78	2047.42
						117.3	-217.72	-48.91	3.75	-111.78	0.0	0.0
256	52	1699.92	920.02	0.04	-47.39	0.0	-232.21	7.90	-7.84	-185.18	920.02	1600.63
		0.0	0.0	0.03	0.0	58.6	-246.63	-12.58	-7.84	-185.18	460.01	1495.10
						117.3	-265.58	-39.49	-7.84	-185.18	0.0	0.0
256	53	3025.07	0.0	0.05	-47.39	0.0	-120.27	-4.24	10.92	-126.97	-1280.43	3025.07
		0.0	-1280.43	-7.59e-03	0.0	58.6	-134.69	-24.72	10.92	-126.97	-640.22	2207.32
						117.3	-153.64	-51.64	10.92	-126.97	0.0	0.0
256	54	3211.96	0.0	0.05	-47.39	0.0	-133.87	-5.84	10.15	-98.60	-1190.85	3211.96
		0.0	-1190.85	-7.73e-03	0.0	58.6	-148.28	-26.31	10.15	-98.60	-595.42	2300.77
						117.3	-167.23	-53.23	10.15	-98.60	0.0	0.0
256	70	2811.53	0.0	0.03	-47.39	0.0	-186.52	-2.42	4.35	-99.76	-510.05	2811.53
		0.0	-510.05	5.21e-03	0.0	58.6	-200.94	-22.90	4.35	-99.76	-255.03	2100.55
						117.3	-219.89	-49.82	4.35	-99.76	0.0	0.0
256	79	1803.44	0.0	0.04	-39.79	0.0	-157.55	2.98	1.07	-175.43	-125.16	1787.82
		0.0	-125.16	9.54e-03	0.0	58.6	-169.79	-14.41	1.07	-175.43	-62.58	1477.18
						117.3	-185.56	-36.81	1.07	-175.43	0.0	0.0
256	85	6607.34	0.0	0.11	-109.77	0.0	-328.57	-7.50	5.38	3.36	-631.45	6607.34
		0.0	-631.45	0.04	0.0	58.6	-360.83	-53.32	5.38	3.36	-315.73	4912.91
						117.3	-405.86	-117.27	5.38	3.36	0.0	0.0
256	86	1803.44	0.0	0.04	-39.79	0.0	-157.55	2.98	1.07	-175.43	-125.16	1787.82
		0.0	-125.16	9.54e-03	0.0	58.6	-169.79	-14.41	1.07	-175.43	-62.58	1477.18
						117.3	-185.56	-36.81	1.07	-175.43	0.0	0.0
256	90	3031.74	0.0	0.06	-57.84	0.0	-201.72	0.27	2.18	-129.35	-255.78	3031.74
		0.0	-255.78	0.02	0.0	58.6	-219.13	-24.45	2.18	-129.35	-127.89	2363.81
						117.3	-242.45	-57.57	2.18	-129.35	0.0	0.0
256	91	1803.44	0.0	0.04	-39.79	0.0	-157.55	2.98	1.07	-175.43	-125.16	1787.82
		0.0	-125.16	9.54e-03	0.0	58.6	-169.79	-14.41	1.07	-175.43	-62.58	1477.18
						117.3	-185.56	-36.81	1.07	-175.43	0.0	0.0
256	92	2318.23	0.0	0.04	-47.39	0.0	-176.24	1.83	1.54	-156.08	-180.21	2312.85
		0.0	-180.21	0.01	0.0	58.6	-190.66	-18.65	1.54	-156.08	-90.10	1851.21
						117.3	-209.61	-45.57	1.54	-156.08	0.0	0.0
257	1	2678.56	299.06	-0.05	-67.35	0.0	-246.22	59.47	2.59	157.34	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-218.49	21.03	2.59	157.34	149.53	2276.45
						115.4	-197.63	-7.89	2.59	157.34	299.06	2609.79
257	3	5245.79	122.16	-0.09	-116.86	0.0	-358.40	109.88	1.06	52.38	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-309.46	42.04	1.06	52.38	61.08	4292.59
						115.4	-274.10	-6.98	1.06	52.38	122.16	5213.63
257	5	1560.88	265.13	-0.03	-42.00	0.0	-167.16	35.75	2.30	141.85	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-150.03	12.01	2.30	141.85	132.57	1351.55
						115.4	-136.86	-6.25	2.30	141.85	265.13	1491.45
257	11	9786.98	0.0	-0.16	-203.20	0.0	-555.07	198.02	-1.62	-132.66	0.0	0.0
		0.0	-186.73	-0.06	0.0	57.7	-469.15	78.92	-1.62	-132.66	-93.37	7821.29
						115.4	-408.48	-5.18	-1.62	-132.66	-186.73	9780.30
257	14	8661.96	0.0	-0.14	-177.84	0.0	-476.00	174.30	-1.91	-148.15	0.0	0.0
		0.0	-220.66	-0.05	0.0	57.7	-400.69	69.90	-1.91	-148.15	-110.33	6896.38
						115.4	-347.71	-3.54	-1.91	-148.15	-220.66	8661.96
257	17	2849.60	844.98	-0.04	-57.45	0.0	-171.27	56.21	7.32	67.63	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-147.53	23.30	7.32	67.63	422.49	2253.46
						115.4	-129.83	-1.23	7.32	67.63	844.98	2849.60
257	20	1913.64	0.0	-0.05	-57.45	0.0	-233.23	46.80	-4.00	149.66	0.0	0.0
		0.0	-461.81	-0.01	0.0	57.7	-209.49	13.88	-4.00	149.66	-230.91	1710.25
						115.4	-191.79	-10.65	-4.00	149.66	-461.81	1763.17
257	21	2844.65	881.66	-0.04	-57.45	0.0	-171.09	56.17	7.64	68.53	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-147.35	23.25	7.64	68.53	440.83	2250.99
						115.4	-129.65	-1.28	7.64	68.53	881.66	2844.65
257	22	3015.13	398.38	-0.04	-57.45	0.0	-180.87	57.65	3.45	58.72	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-157.12	24.73	3.45	58.72	199.19	2336.23
						115.4	-139.42	0.20	3.45	58.72	398.38	3015.13
257	40	2436.30	0.0	-0.05	-57.45	0.0	-226.30	52.32	-6.28	106.39	0.0	0.0
		0.0	-724.56	-0.01	0.0	57.7	-202.56	19.40	-6.28	106.39	-362.28	2028.79
						115.4	-184.86	-5.13	-6.28	106.39	-724.56	2400.25
257	41	2267.91	1144.41	-0.04	-57.45	0.0	-178.02	50.65	9.92	111.79	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-154.28	17.73	9.92	111.79	572.20	1932.45
						115.4	-136.58	-6.80	9.92	111.79	1144.41	2207.58
257	49	2997.09	1016.17	-0.04	-57.45	0.0	-162.94	57.49	8.81	56.41	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-139.20	24.57	8.81	56.41	508.08	2327.21
						115.4	-121.50	0.04	8.81	56.41	1016.17	2997.09
257	52	1804.13	0.0	-0.06	-57.45	0.0	-241.62	45.53	-5.58	160.60	0.0	0.0
		0.0	-643.36	-8.65e-03	0.0	57.7	-217.87	12.62	-5.58	160.60	-321.68	1637.25
						115.4	-200.18	-11.91	-5.58	160.60	-643.36	1617.16
257	53	2990.66	1063.20	-0.04	-57.45	0.0	-162.71	57.43	9.21	57.58	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-138.96	24.52	9.21	57.58	531.60	2324.00

						115.4	-121.27	-0.01	9.21	57.58	1063.20	2990.66
257	54	3207.58	448.28	-0.04	-57.45	0.0	-175.13	59.31	3.88	45.06	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-151.39	26.40	3.88	45.06	224.14	2432.45
						115.4	-133.69	1.87	3.88	45.06	448.28	3207.58
257	72	2459.60	0.0	-0.05	-57.45	0.0	-232.85	52.55	-8.48	105.55	0.0	0.0
		0.0	-978.71	-7.62e-03	0.0	57.7	-209.10	19.63	-8.48	105.55	-489.35	2042.10
						115.4	-191.40	-4.90	-8.48	105.55	-978.71	2426.88
257	73	2246.28	1398.55	-0.04	-57.45	0.0	-171.48	50.42	12.12	112.63	0.0	0.0
		0.0	0.0	-0.04	0.0	57.7	-147.74	17.50	12.12	112.63	699.27	1919.14
						115.4	-130.04	-7.03	12.12	112.63	1398.55	2180.95
257	79	1842.82	245.30	-0.04	-47.54	0.0	-179.73	41.40	2.13	130.08	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-160.22	14.36	2.13	130.08	122.65	1577.39
						115.4	-145.43	-6.14	2.13	130.08	245.30	1783.14
257	81	3547.39	127.37	-0.06	-80.55	0.0	-254.52	75.01	1.10	60.11	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-220.87	28.38	1.10	60.11	63.68	2921.49
						115.4	-196.41	-5.54	1.10	60.11	127.37	3519.04
257	85	6573.82	0.0	-0.11	-138.11	0.0	-385.63	133.77	-0.68	-63.25	0.0	0.0
		0.0	-78.56	-0.04	0.0	57.7	-327.33	52.96	-0.68	-63.25	-39.28	5273.95
						115.4	-286.00	-4.34	-0.68	-63.25	-78.56	6563.48
257	86	1842.82	245.30	-0.04	-47.54	0.0	-179.73	41.40	2.13	130.08	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-160.22	14.36	2.13	130.08	122.65	1577.39
						115.4	-145.43	-6.14	2.13	130.08	245.30	1783.14
257	87	2693.54	186.34	-0.05	-64.05	0.0	-217.12	58.21	1.61	95.10	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-190.55	21.37	1.61	95.10	93.17	2249.44
						115.4	-170.92	-5.84	1.61	95.10	186.34	2651.09
257	90	3053.08	161.66	-0.06	-70.94	0.0	-232.87	65.25	1.40	80.22	0.0	0.0
		0.0	0.0	-0.03	0.0	57.7	-203.35	24.32	1.40	80.22	80.83	2531.76
						115.4	-181.70	-5.69	1.40	80.22	161.66	3016.96
257	91	1842.82	245.30	-0.04	-47.54	0.0	-179.73	41.40	2.13	130.08	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-160.22	14.36	2.13	130.08	122.65	1577.39
						115.4	-145.43	-6.14	2.13	130.08	245.30	1783.14
257	92	2352.01	209.92	-0.05	-57.45	0.0	-202.16	51.48	1.82	109.09	0.0	0.0
		0.0	0.0	-0.02	0.0	57.7	-178.42	18.57	1.82	109.09	104.96	1980.62
						115.4	-160.72	-5.96	1.82	109.09	209.92	2303.91
258	5	4461.45	-61.72	-6.88e-03	-29.63	0.0	-1283.96	30.94	-6.42	99.57	-61.72	2747.41
		2747.41	-864.02	2.61e-03	0.0	62.5	-1274.67	12.51	-6.42	99.57	-462.87	4067.26
						125.0	-1269.02	1.31	-6.42	99.57	-864.02	4461.45
258	8	1.185e+04	-52.94	-0.03	-79.17	0.0	-2297.08	84.95	-16.14	151.53	-52.94	7513.07
		7513.07	-2069.25	4.77e-03	0.0	62.5	-2269.07	29.38	-16.14	151.53	-1061.10	1.092e+04
						125.0	-2257.18	5.79	-16.14	151.53	-2069.25	1.185e+04
258	11	1.678e+04	-70.86	-0.04	-112.11	0.0	-3177.46	120.48	-22.78	206.15	-70.86	1.065e+04
		1.065e+04	-2917.04	6.69e-03	0.0	62.5	-3137.56	41.33	-22.78	206.15	-1493.95	1.546e+04
						125.0	-3120.95	8.37	-22.78	206.15	-2917.04	1.678e+04
258	16	5491.31	308.36	-0.01	-37.26	0.0	-1179.02	39.06	-7.65	129.10	308.36	3667.00
		3667.00	-701.58	-0.01	0.0	62.5	-1166.85	14.91	-7.65	129.10	-196.61	5161.11
						125.0	-1160.24	1.80	-7.65	129.10	-701.58	5491.31
258	17	5707.12	-426.99	-7.99e-03	-37.26	0.0	-1699.61	39.45	-8.19	86.27	-426.99	3296.55
		3296.55	-1396.16	0.02	0.0	62.5	-1687.43	15.30	-8.19	86.27	-911.58	5083.79
						125.0	-1680.83	2.19	-8.19	86.27	-1396.16	5707.12
258	26	6110.13	-1201.99	-8.58e-03	-37.26	0.0	-1593.68	44.23	-9.47	90.47	-1201.99	3188.67
		3188.67	-2350.98	8.02e-03	0.0	62.5	-1581.51	20.08	-9.47	90.47	-1776.48	5231.35
						125.0	-1574.90	6.97	-9.47	90.47	-2350.98	6110.13
258	42	6605.68	-1219.48	-0.02	-37.26	0.0	-1384.61	47.64	-10.32	93.77	-1219.48	3311.20
		3311.20	-2463.66	6.63e-03	0.0	62.5	-1372.44	23.50	-10.32	93.77	-1841.57	5540.40
						125.0	-1365.83	10.39	-10.32	93.77	-2463.66	6605.68
258	43	4775.09	1201.24	7.61e-03	-37.26	0.0	-1498.08	30.50	-5.53	118.44	1201.24	3664.05
		3664.05	476.51	3.97e-03	0.0	62.5	-1485.90	6.35	-5.53	118.44	838.87	4717.25
						125.0	-1479.30	-6.76	-5.53	118.44	476.51	4606.53
258	46	6591.89	-1319.87	-0.01	-37.26	0.0	-1380.55	48.00	-10.31	96.92	-1319.87	3299.50
		3299.50	-2574.24	4.64e-03	0.0	62.5	-1368.38	23.86	-10.31	96.92	-1947.06	5527.65
						125.0	-1361.77	10.75	-10.31	96.92	-2574.24	6591.89
258	48	5470.16	407.91	-0.01	-37.26	0.0	-1108.70	39.01	-7.59	134.87	407.91	3715.32
		3715.32	-608.09	-0.02	0.0	62.5	-1096.53	14.87	-7.59	134.87	-100.09	5173.02
						125.0	-1089.92	1.76	-7.59	134.87	-608.09	5466.80
258	49	5731.62	-526.54	-7.47e-03	-37.26	0.0	-1769.92	39.49	-8.25	80.49	-526.54	3248.23
		3248.23	-1489.65	0.02	0.0	62.5	-1757.75	15.34	-8.25	80.49	-1008.09	5071.88
						125.0	-1751.14	2.23	-8.25	80.49	-1489.65	5731.62
258	58	6247.12	-1512.95	-8.21e-03	-37.26	0.0	-1635.57	45.59	-9.89	85.78	-1512.95	3110.49
		3110.49	-2705.51	9.40e-03	0.0	62.5	-1623.40	21.44	-9.89	85.78	-2109.23	5260.76
						125.0	-1616.79	8.33	-9.89	85.78	-2705.51	6247.12
258	74	6880.46	-1536.14	-0.02	-37.26	0.0	-1369.69	49.94	-10.98	90.04	-1536.14	3265.70
		3265.70	-2850.87	7.66e-03	0.0	62.5	-1357.52	25.79	-10.98	90.04	-2193.50	5655.03
						125.0	-1350.91	12.68	-10.98	90.04	-2850.87	6880.46
258	75	4621.33	1545.64	9.41e-03	-37.26	0.0	-1513.99	28.10	-4.87	121.33	1545.64	3712.82
		3712.82	894.41	4.33e-03	0.0	62.5	-1501.82	3.95	-4.87	121.33	1220.03	4605.70
						125.0	-1495.21	-9.16	-4.87	121.33	894.41	4334.67
258	78	6863.76	-1664.27	-0.02	-37.26	0.0	-1364.63	50.40	-10.97	94.03	-1664.27	3250.73

		3250.73	-2992.15	5.20e-03	0.0	62.5	-1352.46	26.26	-10.97	94.03	-2328.21	5639.20
						125.0	-1345.85	13.15	-10.97	94.03	-2992.15	6863.76
258	79	4869.92	-60.87	-8.02e-03	-32.37	0.0	-1339.85	33.92	-6.96	102.47	-60.87	3011.04
		3011.04	-930.48	2.74e-03	0.0	62.5	-1329.53	13.44	-6.96	102.47	-495.68	4446.07
						125.0	-1323.54	1.56	-6.96	102.47	-930.48	4869.92
258	82	9795.69	-55.02	-0.02	-65.39	0.0	-2015.27	69.93	-13.44	137.11	-55.02	6188.15
		6188.15	-1733.97	4.17e-03	0.0	62.5	-1992.46	24.69	-13.44	137.11	-894.49	9013.33
						125.0	-1982.31	4.54	-13.44	137.11	-1733.97	9795.69
258	85	1.156e+04	-55.92	-0.03	-77.23	0.0	-2259.69	82.85	-15.75	149.16	-55.92	7325.41
		7325.41	-2024.45	4.74e-03	0.0	62.5	-2232.41	28.73	-15.75	149.16	-1040.18	1.065e+04
						125.0	-2220.76	5.62	-15.75	149.16	-2024.45	1.156e+04
258	86	4869.92	-60.87	-8.02e-03	-32.37	0.0	-1339.85	33.92	-6.96	102.47	-60.87	3011.04
		3011.04	-930.48	2.74e-03	0.0	62.5	-1329.53	13.44	-6.96	102.47	-495.68	4446.07
						125.0	-1323.54	1.56	-6.96	102.47	-930.48	4869.92
258	87	6085.40	-58.28	-0.01	-40.52	0.0	-1505.62	42.81	-8.56	111.16	-58.28	3795.60
		3795.60	-1127.79	3.06e-03	0.0	62.5	-1492.21	16.21	-8.56	111.16	-593.03	5573.36
						125.0	-1485.20	2.29	-8.56	111.16	-1127.79	6085.40
258	90	6597.13	-59.05	-0.01	-43.95	0.0	-1576.86	46.55	-9.23	114.59	-59.05	4124.97
		4124.97	-1212.41	3.23e-03	0.0	62.5	-1562.16	17.39	-9.23	114.59	-635.73	6047.52
						125.0	-1554.71	2.60	-9.23	114.59	-1212.41	6597.13
258	91	4869.92	-60.87	-8.02e-03	-32.37	0.0	-1339.85	33.92	-6.96	102.47	-60.87	3011.04
		3011.04	-930.48	2.74e-03	0.0	62.5	-1329.53	13.44	-6.96	102.47	-495.68	4446.07
						125.0	-1323.54	1.56	-6.96	102.47	-930.48	4869.92
258	92	5599.21	-59.31	-0.01	-37.26	0.0	-1439.31	39.25	-7.92	107.68	-59.31	3481.77
		3481.77	-1048.87	2.93e-03	0.0	62.5	-1427.14	15.11	-7.92	107.68	-554.09	5122.45
						125.0	-1420.53	1.99	-7.92	107.68	-1048.87	5599.21
259	5	4610.16	483.02	-0.01	-29.96	0.0	-1240.42	25.73	-2.61	-19.32	483.02	3511.23
		3511.23	156.49	-3.61e-03	0.0	62.5	-1231.01	7.06	-2.61	-19.32	319.75	4497.07
						125.0	-1225.32	-4.23	-2.61	-19.32	156.49	4546.96
259	11	1.722e+04	1139.51	-0.05	-114.17	0.0	-3078.98	106.35	-26.34	-13.55	1139.51	1.292e+04
		1.292e+04	-2152.48	3.54e-03	0.0	62.5	-3038.31	25.66	-26.34	-13.55	-506.49	1.680e+04
						125.0	-3021.43	-7.81	-26.34	-13.55	-2152.48	1.711e+04
259	20	6921.09	-1482.43	-0.02	-37.76	0.0	-1295.26	48.10	-6.28	-36.68	-1482.43	3707.76
		3707.76	-2256.46	-4.01e-03	0.0	62.5	-1282.90	23.58	-6.28	-36.68	-1869.44	5904.25
						125.0	-1276.23	10.34	-6.28	-36.68	-2256.46	6921.09
259	21	5419.64	2551.55	-0.01	-37.76	0.0	-1489.99	18.47	-3.72	0.08	2551.55	5046.90
		4492.86	2076.92	-5.41e-03	0.0	62.5	-1477.62	-6.06	-3.72	0.08	2314.23	5359.70
						125.0	-1470.95	-19.29	-3.72	0.08	2076.92	4492.86
259	23	6419.20	-358.94	-0.02	-37.76	0.0	-1142.83	40.70	-8.81	-20.07	-358.94	4138.76
		4138.76	-1443.66	3.50e-03	0.0	62.5	-1130.47	16.17	-8.81	-20.07	-901.30	5868.80
						125.0	-1123.79	2.94	-8.81	-20.07	-1443.66	6419.20
259	26	5395.14	1428.06	-9.45e-03	-37.76	0.0	-1642.42	25.87	-1.18	-16.52	1428.06	4615.90
		4615.90	1264.13	-8.25e-03	0.0	62.5	-1630.05	1.34	-1.18	-16.52	1346.09	5395.14
						125.0	-1623.38	-11.89	-1.18	-16.52	1264.13	4994.75
259	52	7248.92	-2027.63	-0.02	-37.76	0.0	-1269.11	52.11	-6.62	-41.69	-2027.63	3526.96
		3526.96	-2841.99	-4.36e-03	0.0	62.5	-1256.75	27.58	-6.62	-41.69	-2434.81	5977.76
						125.0	-1250.08	14.34	-6.62	-41.69	-2841.99	7248.92
259	53	5448.48	3096.75	-0.01	-37.76	0.0	-1516.13	14.46	-3.37	5.09	3096.75	5227.70
		4165.02	2662.46	-6.38e-03	0.0	62.5	-1503.77	-10.06	-3.37	5.09	2879.60	5286.18
						125.0	-1497.10	-23.30	-3.37	5.09	2662.46	4165.02
259	55	6613.43	-601.61	-0.02	-37.76	0.0	-1075.01	42.72	-9.85	-20.48	-601.61	4075.35
		4075.35	-1812.02	5.06e-03	0.0	62.5	-1062.64	18.19	-9.85	-20.48	-1206.81	5934.21
						125.0	-1055.97	4.95	-9.85	-20.48	-1812.02	6613.43
259	58	5329.73	1670.73	-8.32e-03	-37.76	0.0	-1710.24	23.85	-0.14	-16.12	1670.73	4679.31
		4679.31	1632.48	-9.81e-03	0.0	62.5	-1697.88	-0.67	-0.14	-16.12	1651.61	5329.73
						125.0	-1691.20	-13.91	-0.14	-16.12	1632.48	4800.51
259	79	5027.67	501.55	-0.01	-32.76	0.0	-1295.03	28.44	-3.47	-18.94	501.55	3822.21
		3822.21	68.28	-3.31e-03	0.0	62.5	-1284.56	7.67	-3.47	-18.94	284.92	4904.59
						125.0	-1278.52	-4.32	-3.47	-18.94	68.28	4963.53
259	85	1.187e+04	814.19	-0.03	-78.61	0.0	-2188.92	72.89	-17.46	-11.82	814.19	8914.12
		8914.12	-1367.08	1.76e-03	0.0	62.5	-2161.11	17.72	-17.46	-11.82	-276.44	1.158e+04
						125.0	-2149.29	-5.72	-17.46	-11.82	-1367.08	1.179e+04
259	86	5027.67	501.55	-0.01	-32.76	0.0	-1295.03	28.44	-3.47	-18.94	501.55	3822.21
		3822.21	68.28	-3.31e-03	0.0	62.5	-1284.56	7.67	-3.47	-18.94	284.92	4904.59
						125.0	-1278.52	-4.32	-3.47	-18.94	68.28	4963.53
259	90	6793.54	581.68	-0.02	-44.60	0.0	-1525.86	39.91	-7.08	-17.17	581.68	5136.66
		5136.66	-303.08	-2.05e-03	0.0	62.5	-1510.91	10.26	-7.08	-17.17	139.30	6627.55
						125.0	-1503.38	-4.68	-7.08	-17.17	-303.08	6725.23
259	91	5027.67	501.55	-0.01	-32.76	0.0	-1295.03	28.44	-3.47	-18.94	501.55	3822.21
		3822.21	68.28	-3.31e-03	0.0	62.5	-1284.56	7.67	-3.47	-18.94	284.92	4904.59
						125.0	-1278.52	-4.32	-3.47	-18.94	68.28	4963.53
259	92	5772.85	534.56	-0.01	-37.76	0.0	-1392.62	33.28	-5.00	-18.30	534.56	4377.33
		4377.33	-89.77	-2.72e-03	0.0	62.5	-1380.26	8.76	-5.00	-18.30	222.40	5631.97
						125.0	-1373.59	-4.48	-5.00	-18.30	-89.77	5706.97
260	5	1442.18	10.95	0.06	-43.81	0.0	-975.37	10.07	-0.07	18.85	10.95	1135.18
		0.0	0.0	2.03e-03	0.0	75.0	-983.19	-5.44	-0.07	18.85	5.48	1389.10
						150.0	-997.46	-33.74	-0.07	18.85	0.0	0.0

260	11	3305.84 -630.59	49.52 0.0	0.19 8.02e-03	-187.24 0.0	0.0 75.0 150.0	-2325.99 -2352.57 -2420.37	70.57 17.83 -116.68	-0.33 -0.33 -0.33	37.55 37.55 37.55	49.52 24.76 0.0	-630.59 3195.51 0.0
260	14	2779.40 -791.71	42.21 0.0	0.17 6.85e-03	-162.95 0.0	0.0 75.0 150.0	-1942.73 -1965.56 -2024.86	62.63 17.34 -100.32	-0.28 -0.28 -0.28	30.82 30.82 30.82	42.21 21.11 0.0	-791.71 2659.40 0.0
260	19	1355.91 0.0	0.0 -144.97	0.06 -5.15e-03	-57.32 0.0	0.0 75.0 150.0	-1303.68 -1313.20 -1332.57	18.40 -0.49 -38.93	0.97 0.97 0.97	30.64 30.64 30.64	-144.97 -72.48 0.0	562.28 1355.91 0.0
260	22	1746.71 0.0	177.47 0.0	0.09 0.01	-57.32 0.0	0.0 75.0 150.0	-866.79 -876.31 -895.69	13.65 -5.24 -43.67	-1.18 -1.18 -1.18	9.66 9.66 9.66	177.47 88.73 0.0	1274.21 1711.88 0.0
260	24	1448.71 0.0	0.0 -427.41	0.06 -0.01	-57.32 0.0	0.0 75.0 150.0	-1198.73 -1208.25 -1227.62	17.16 -1.73 -40.16	2.85 2.85 2.85	34.95 34.95 34.95	-427.41 -213.71 0.0	747.87 1448.71 0.0
260	25	1640.26 0.0	459.91 0.0	0.08 0.02	-57.32 0.0	0.0 75.0 150.0	-971.75 -981.27 -1000.64	14.89 -4.00 -42.43	-3.07 -3.07 -3.07	5.34 5.34 5.34	459.91 229.95 0.0	1088.62 1619.08 0.0
260	34	1770.06 0.0	0.0 -197.85	0.09 -0.01	-57.32 0.0	0.0 75.0 150.0	-904.91 -914.43 -933.80	13.40 -5.49 -43.92	1.32 1.32 1.32	24.23 24.23 24.23	-197.85 -98.93 0.0	1311.56 1730.55 0.0
260	37	1417.29 0.0	405.06 0.0	0.06 0.03	-57.32 0.0	0.0 75.0 150.0	-1168.16 -1177.68 -1197.05	17.58 -1.31 -39.74	-2.70 -2.70 -2.70	8.44 8.44 8.44	405.06 202.53 0.0	685.04 1417.29 0.0
260	51	1307.59 0.0	0.0 -188.04	0.05 -7.28e-03	-57.32 0.0	0.0 75.0 150.0	-1363.06 -1372.58 -1391.95	19.04 0.15 -38.28	1.25 1.25 1.25	33.46 33.46 33.46	-188.04 -94.02 0.0	465.64 1307.59 0.0
260	54	1807.11 0.0	220.54 0.0	0.09 0.01	-57.32 0.0	0.0 75.0 150.0	-807.41 -816.93 -836.30	13.01 -5.88 -44.32	-1.47 -1.47 -1.47	6.84 6.84 6.84	220.54 110.27 0.0	1370.85 1760.20 0.0
260	56	1425.67 0.0	0.0 -547.78	0.06 -0.02	-57.32 0.0	0.0 75.0 150.0	-1229.72 -1239.24 -1258.61	17.47 -1.42 -39.86	3.65 3.65 3.65	38.97 38.97 38.97	-547.78 -273.89 0.0	701.80 1425.67 0.0
260	57	1666.17 0.0	580.28 0.0	0.09 0.02	-57.32 0.0	0.0 75.0 150.0	-940.75 -950.27 -969.65	14.58 -4.31 -42.74	-3.87 -3.87 -3.87	1.33 1.33 1.33	580.28 290.14 0.0	1134.68 1642.12 0.0
260	66	1836.89 0.0	0.0 -257.01	0.10 -0.02	-57.32 0.0	0.0 75.0 150.0	-855.87 -865.39 -884.77	12.69 -6.20 -44.63	1.71 1.71 1.71	25.34 25.34 25.34	-257.01 -128.51 0.0	1418.49 1784.02 0.0
260	69	1385.52 0.0	511.37 0.0	0.06 0.03	-57.32 0.0	0.0 75.0 150.0	-1190.70 -1200.22 -1219.59	18.00 -0.89 -39.32	-3.41 -3.41 -3.41	5.27 5.27 5.27	511.37 255.68 0.0	621.49 1385.52 0.0
260	79	1471.55 0.0	12.70 0.0	0.07 2.27e-03	-48.66 0.0	0.0 75.0 150.0	-1014.79 -1023.22 -1039.31	12.21 -4.51 -36.45	-0.08 -0.08 -0.08	19.31 19.31 19.31	12.70 6.35 0.0	1057.17 1441.01 0.0
260	85	2349.05 -227.43	33.54 0.0	0.14 5.49e-03	-128.08 0.0	0.0 75.0 150.0	-1659.69 -1678.13 -1724.25	47.25 10.67 -80.84	-0.22 -0.22 -0.22	27.30 27.30 27.30	33.54 16.77 0.0	-227.43 2287.87 0.0
260	86	1471.55 0.0	12.70 0.0	0.07 2.27e-03	-48.66 0.0	0.0 75.0 150.0	-1014.79 -1023.22 -1039.31	12.21 -4.51 -36.45	-0.08 -0.08 -0.08	19.31 19.31 19.31	12.70 6.35 0.0	1057.17 1441.01 0.0
260	87	1595.82 0.0	18.61 0.0	0.08 2.99e-03	-63.09 0.0	0.0 75.0 150.0	-1132.20 -1142.45 -1164.00	18.56 -1.77 -44.53	-0.12 -0.12 -0.12	20.71 20.71 20.71	18.61 9.31 0.0	825.63 1595.82 0.0
260	90	1659.92 0.0	18.76 0.0	0.08 3.14e-03	-69.16 0.0	0.0 75.0 150.0	-1181.34 -1192.35 -1216.20	21.25 -0.60 -47.91	-0.13 -0.13 -0.13	21.36 21.36 21.36	18.76 9.38 0.0	726.16 1659.92 0.0
260	91	1471.55 0.0	12.70 0.0	0.07 2.27e-03	-48.66 0.0	0.0 75.0 150.0	-1014.79 -1023.22 -1039.31	12.21 -4.51 -36.45	-0.08 -0.08 -0.08	19.31 19.31 19.31	12.70 6.35 0.0	1057.17 1441.01 0.0
260	92	1544.43 0.0	16.25 0.0	0.07 2.70e-03	-57.32 0.0	0.0 75.0 150.0	-1085.24 -1094.76 -1114.13	16.02 -2.86 -41.30	-0.11 -0.11 -0.11	20.15 20.15 20.15	16.25 8.12 0.0	918.24 1533.89 0.0
261	1	2386.56 0.0	178.29 0.0	0.10 8.42e-03	-68.48 0.0	0.0 75.0 150.0	-1381.20 -1392.81 -1415.71	13.46 -9.58 -55.02	-1.19 -1.19 -1.19	-142.37 -142.37 -142.37	178.29 89.14 0.0	1997.44 2282.73 0.0
261	5	1618.14 0.0	107.56 0.0	0.07 5.36e-03	-44.03 0.0	0.0 75.0 150.0	-993.56 -1001.41 -1015.75	8.40 -7.17 -35.63	-0.72 -0.72 -0.72	-80.31 -80.31 -80.31	107.56 53.78 0.0	1397.36 1524.19 0.0
261	11	5567.25 0.0	599.86 0.0	0.20 0.02	-188.64 0.0	0.0 75.0 150.0	-2343.58 -2370.34 -2438.67	40.61 -12.48 -148.03	-4.00 -4.00 -4.00	-548.96 -548.96 -548.96	599.86 299.93 0.0	3932.97 5503.56 0.0
261	12	3976.08 0.0	425.96 0.0	0.15 0.02	-133.63 0.0	0.0 75.0 150.0	-1713.62 -1732.76 -1780.98	28.64 -9.33 -105.00	-2.84 -2.84 -2.84	-383.81 -383.81 -383.81	425.96 212.98 0.0	2841.52 3926.39 0.0
261	15	1870.70 0.0	791.27 0.0	0.07 0.03	-57.65 0.0	0.0 75.0	-1253.41 -1262.97	12.49 -6.48	-5.28 -5.28	-177.07 -177.07	791.27 395.64	1464.18 1812.98

						150.0	-1282.47	-45.16	-5.28	-177.07	0.0	0.0
261	18	2065.40	0.0	0.09	-57.65	0.0	-950.07	10.46	3.23	-75.46	-483.74	1768.60
		0.0	-483.74	-0.01	0.0	75.0	-959.63	-8.51	3.23	-75.46	-241.87	1965.18
						150.0	-979.13	-47.18	3.23	-75.46	0.0	0.0
261	21	2107.69	0.0	0.09	-57.65	0.0	-870.65	10.05	2.28	-70.95	-342.25	1830.12
		0.0	-342.25	6.77e-04	0.0	75.0	-880.21	-8.92	2.28	-70.95	-171.12	1995.94
						150.0	-899.70	-47.59	2.28	-70.95	0.0	0.0
261	28	1838.14	518.56	0.06	-57.65	0.0	-1358.48	12.84	-3.46	-177.04	518.56	1412.08
		0.0	0.0	0.01	0.0	75.0	-1368.04	-6.13	-3.46	-177.04	259.28	1786.92
						150.0	-1387.54	-44.81	-3.46	-177.04	0.0	0.0
261	29	2101.22	0.0	0.10	-57.65	0.0	-845.00	10.12	1.41	-75.49	-211.03	1820.71
		0.0	-211.03	4.32e-03	0.0	75.0	-854.56	-8.85	1.41	-75.49	-105.52	1991.24
						150.0	-874.06	-47.53	1.41	-75.49	0.0	0.0
261	38	1944.39	0.0	0.07	-57.65	0.0	-1157.20	11.71	1.68	-118.64	-251.87	1582.09
		0.0	-251.87	-0.02	0.0	75.0	-1166.76	-7.26	1.68	-118.64	-125.94	1871.93
						150.0	-1186.25	-45.94	1.68	-118.64	0.0	0.0
261	47	1845.04	964.48	0.07	-57.65	0.0	-1294.21	12.77	-6.43	-190.80	964.48	1423.12
		0.0	0.0	0.03	0.0	75.0	-1303.77	-6.20	-6.43	-190.80	482.24	1792.45
						150.0	-1323.27	-44.88	-6.43	-190.80	0.0	0.0
261	50	2093.63	0.0	0.09	-57.65	0.0	-909.27	10.19	4.38	-61.73	-656.95	1809.66
		0.0	-656.95	-0.02	0.0	75.0	-918.83	-8.78	4.38	-61.73	-328.48	1985.71
						150.0	-938.32	-47.46	4.38	-61.73	0.0	0.0
261	53	2147.41	0.0	0.10	-57.65	0.0	-808.25	9.67	3.18	-55.96	-476.33	1887.89
		0.0	-476.33	-1.52e-03	0.0	75.0	-817.81	-9.30	3.18	-55.96	-238.17	2024.83
						150.0	-837.31	-47.98	3.18	-55.96	0.0	0.0
261	60	1803.51	617.52	0.06	-57.65	0.0	-1428.11	13.21	-4.12	-190.87	617.52	1356.67
		0.0	0.0	0.01	0.0	75.0	-1437.67	-5.76	-4.12	-190.87	308.76	1759.22
						150.0	-1457.16	-44.44	-4.12	-190.87	0.0	0.0
261	61	2139.31	0.0	0.10	-57.65	0.0	-775.37	9.75	2.07	-61.67	-309.99	1876.11
		0.0	-309.99	3.52e-03	0.0	75.0	-784.93	-9.22	2.07	-61.67	-155.00	2018.94
						150.0	-804.43	-47.90	2.07	-61.67	0.0	0.0
261	70	1938.57	0.0	0.07	-57.65	0.0	-1172.31	11.77	2.42	-116.61	-363.19	1572.78
		0.0	-363.19	-0.03	0.0	75.0	-1181.87	-7.20	2.42	-116.61	-181.60	1867.27
						150.0	-1201.37	-45.88	2.42	-116.61	0.0	0.0
261	79	1741.14	124.28	0.07	-48.92	0.0	-1032.50	9.50	-0.83	-96.81	124.28	1476.00
		0.0	0.0	5.99e-03	0.0	75.0	-1040.96	-7.28	-0.83	-96.81	62.14	1655.18
						150.0	-1057.16	-39.41	-0.83	-96.81	0.0	0.0
261	83	3307.70	336.55	0.12	-108.65	0.0	-1512.54	23.00	-2.24	-299.15	336.55	2438.77
		0.0	0.0	0.01	0.0	75.0	-1528.53	-8.72	-2.24	-299.15	168.27	3256.65
						150.0	-1567.31	-85.66	-2.24	-299.15	0.0	0.0
261	85	3852.29	405.33	0.14	-129.03	0.0	-1674.09	27.60	-2.70	-367.87	405.33	2766.35
		0.0	0.0	0.02	0.0	75.0	-1692.65	-9.21	-2.70	-367.87	202.67	3802.41
						150.0	-1739.13	-101.42	-2.70	-367.87	0.0	0.0
261	86	1741.14	124.28	0.07	-48.92	0.0	-1032.50	9.50	-0.83	-96.81	124.28	1476.00
		0.0	0.0	5.99e-03	0.0	75.0	-1040.96	-7.28	-0.83	-96.81	62.14	1655.18
						150.0	-1057.16	-39.41	-0.83	-96.81	0.0	0.0
261	88	2050.27	166.74	0.08	-60.86	0.0	-1128.51	12.20	-1.11	-137.28	166.74	1668.56
		0.0	0.0	7.43e-03	0.0	75.0	-1138.48	-7.57	-1.11	-137.28	83.37	1975.48
						150.0	-1159.19	-48.66	-1.11	-137.28	0.0	0.0
261	90	2278.69	196.22	0.09	-69.59	0.0	-1197.75	14.18	-1.31	-166.73	196.22	1808.95
		0.0	0.0	8.63e-03	0.0	75.0	-1208.81	-7.78	-1.31	-166.73	98.11	2209.37
						150.0	-1232.83	-55.42	-1.31	-166.73	0.0	0.0
261	91	1741.14	124.28	0.07	-48.92	0.0	-1032.50	9.50	-0.83	-96.81	124.28	1476.00
		0.0	0.0	5.99e-03	0.0	75.0	-1040.96	-7.28	-0.83	-96.81	62.14	1655.18
						150.0	-1057.16	-39.41	-0.83	-96.81	0.0	0.0
261	92	1965.83	153.76	0.08	-57.65	0.0	-1101.74	11.48	-1.03	-126.27	153.76	1616.39
		0.0	0.0	7.19e-03	0.0	75.0	-1111.30	-7.49	-1.03	-126.27	76.88	1889.08
						150.0	-1130.80	-46.17	-1.03	-126.27	0.0	0.0
262	1	0.0	103.74	7.08e-03	-18.01	0.0	351.11	20.71	-1.02	-37.12	103.74	-1191.50
		-1191.50	0.0	3.35e-03	0.0	50.9	351.11	11.70	-1.02	-37.12	51.87	-366.44
						101.8	351.11	2.69	-1.02	-37.12	0.0	0.0
262	11	2.32	287.59	3.98e-03	-18.01	0.0	-618.86	17.09	-2.82	-134.60	287.59	-822.85
		-822.85	0.0	5.66e-03	0.0	50.9	-618.86	8.08	-2.82	-134.60	143.80	-182.11
						101.8	-618.86	-0.93	-2.82	-134.60	0.0	0.0
262	14	8.91	253.24	2.42e-03	-13.86	0.0	-648.95	12.29	-2.49	-118.82	253.24	-546.08
		-546.08	0.0	4.70e-03	0.0	50.9	-648.95	5.36	-2.49	-118.82	126.62	-96.64
						101.8	-648.95	-1.57	-2.49	-118.82	0.0	0.0
262	18	0.0	333.55	4.57e-03	-13.86	0.0	156.07	16.82	-3.28	-39.49	333.55	-1007.47
		-1007.47	0.0	2.58e-03	0.0	50.9	156.07	9.89	-3.28	-39.49	166.78	-327.34
						101.8	156.07	2.96	-3.28	-39.49	0.0	0.0
262	24	0.0	101.39	6.25e-03	-13.86	0.0	340.72	15.45	-1.00	-36.15	101.39	-867.22
		-867.22	0.0	1.70e-03	0.0	50.9	340.72	8.52	-1.00	-36.15	50.70	-257.22
						101.8	340.72	1.59	-1.00	-36.15	0.0	0.0
262	25	0.0	70.24	4.63e-03	-13.86	0.0	137.31	16.34	-0.69	-29.06	70.24	-958.38
		-958.38	0.0	3.70e-03	0.0	50.9	137.31	9.41	-0.69	-29.06	35.12	-302.80
						101.8	137.31	2.48	-0.69	-29.06	0.0	0.0
262	30	0.0	314.99	4.58e-03	-13.86	0.0	147.14	16.62	-3.09	-38.83	314.99	-987.08

		-987.08	0.0	3.54e-04	0.0	50.9	147.14	9.69	-3.09	-38.83	157.50	-317.15
						101.8	147.14	2.76	-3.09	-38.83	0.0	0.0
262	39	0.0	0.0	5.76e-03	-13.86	0.0	250.19	15.25	3.54	-16.98	-360.90	-847.29
		-847.29	-360.90	8.57e-03	0.0	50.9	250.19	8.32	3.54	-16.98	-180.45	-247.25
						101.8	250.19	1.39	3.54	-16.98	0.0	0.0
262	42	0.0	532.53	5.12e-03	-13.86	0.0	227.83	16.54	-5.23	-48.23	532.53	-978.32
		-978.32	0.0	-3.16e-03	0.0	50.9	227.83	9.61	-5.23	-48.23	266.26	-312.76
						101.8	227.83	2.68	-5.23	-48.23	0.0	0.0
262	50	0.0	400.49	4.33e-03	-13.86	0.0	133.67	17.07	-3.93	-41.34	400.49	-1033.05
		-1033.05	0.0	2.55e-03	0.0	50.9	133.67	10.14	-3.93	-41.34	200.25	-340.13
						101.8	133.67	3.22	-3.93	-41.34	0.0	0.0
262	56	0.0	105.61	6.47e-03	-13.86	0.0	368.20	15.32	-1.04	-37.13	105.61	-854.89
		-854.89	0.0	1.43e-03	0.0	50.9	368.20	8.40	-1.04	-37.13	52.81	-251.05
						101.8	368.20	1.47	-1.04	-37.13	0.0	0.0
262	57	0.0	66.02	4.41e-03	-13.86	0.0	109.83	16.46	-0.65	-28.08	66.02	-970.72
		-970.72	0.0	3.97e-03	0.0	50.9	109.83	9.53	-0.65	-28.08	33.01	-308.96
						101.8	109.83	2.60	-0.65	-28.08	0.0	0.0
262	62	0.0	376.92	4.35e-03	-13.86	0.0	122.32	16.82	-3.70	-40.50	376.92	-1007.19
		-1007.19	0.0	-3.97e-04	0.0	50.9	122.32	9.89	-3.70	-40.50	188.46	-327.20
						101.8	122.32	2.96	-3.70	-40.50	0.0	0.0
262	71	0.0	0.0	5.85e-03	-13.86	0.0	253.21	15.08	4.73	-12.75	-481.62	-829.56
		-829.56	-481.62	0.01	0.0	50.9	253.21	8.15	4.73	-12.75	-240.81	-238.38
						101.8	253.21	1.22	4.73	-12.75	0.0	0.0
262	74	0.0	653.25	5.03e-03	-13.86	0.0	224.82	16.71	-6.42	-52.46	653.25	-996.05
		-996.05	0.0	-4.75e-03	0.0	50.9	224.82	9.78	-6.42	-52.46	326.63	-321.63
						101.8	224.82	2.85	-6.42	-52.46	0.0	0.0
262	79	0.0	75.27	5.48e-03	-13.86	0.0	292.23	15.92	-0.74	-25.42	75.27	-915.75
		-915.75	0.0	2.50e-03	0.0	50.9	292.23	8.99	-0.74	-25.42	37.64	-281.48
						101.8	292.23	2.06	-0.74	-25.42	0.0	0.0
262	85	0.0	197.84	3.41e-03	-13.86	0.0	-354.42	13.51	-1.94	-90.40	197.84	-669.99
		-669.99	0.0	4.04e-03	0.0	50.9	-354.42	6.58	-1.94	-90.40	98.92	-158.60
						101.8	-354.42	-0.35	-1.94	-90.40	0.0	0.0
262	86	0.0	75.27	5.48e-03	-13.86	0.0	292.23	15.92	-0.74	-25.42	75.27	-915.75
		-915.75	0.0	2.50e-03	0.0	50.9	292.23	8.99	-0.74	-25.42	37.64	-281.48
						101.8	292.23	2.06	-0.74	-25.42	0.0	0.0
262	90	0.0	105.41	5.05e-03	-13.86	0.0	134.52	15.42	-1.04	-42.25	105.41	-865.03
		-865.03	0.0	2.92e-03	0.0	50.9	134.52	8.49	-1.04	-42.25	52.70	-256.12
						101.8	134.52	1.57	-1.04	-42.25	0.0	0.0
262	91	0.0	75.27	5.48e-03	-13.86	0.0	292.23	15.92	-0.74	-25.42	75.27	-915.75
		-915.75	0.0	2.50e-03	0.0	50.9	292.23	8.99	-0.74	-25.42	37.64	-281.48
						101.8	292.23	2.06	-0.74	-25.42	0.0	0.0
262	92	0.0	85.82	5.44e-03	-13.86	0.0	239.01	15.89	-0.84	-32.61	85.82	-912.80
		-912.80	0.0	2.70e-03	0.0	50.9	239.01	8.96	-0.84	-32.61	42.91	-280.01
						101.8	239.01	2.04	-0.84	-32.61	0.0	0.0
263	1	0.0	0.0	7.49e-04	-17.69	0.0	338.64	25.98	3.46	10.09	-346.31	-1713.55
		-1713.55	-346.31	-2.11e-03	0.0	50.0	338.64	17.14	3.46	10.09	-173.16	-635.65
						100.0	338.64	8.29	3.46	10.09	0.0	0.0
263	3	0.0	0.0	1.96e-03	-17.69	0.0	63.95	26.47	4.35	24.44	-434.79	-1762.77
		-1762.77	-434.79	-2.69e-03	0.0	50.0	63.95	17.63	4.35	24.44	-217.39	-660.26
						100.0	63.95	8.78	4.35	24.44	0.0	0.0
263	5	0.0	0.0	-4.65e-04	-13.61	0.0	313.13	19.92	2.48	4.91	-247.96	-1311.30
		-1311.30	-247.96	-1.51e-03	0.0	50.0	313.13	13.11	2.48	4.91	-123.98	-485.55
						100.0	313.13	6.31	2.48	4.91	0.0	0.0
263	11	0.0	0.0	6.99e-03	-17.69	0.0	-654.07	22.62	5.82	48.10	-581.69	-1377.94
		-1377.94	-581.69	-4.02e-03	0.0	50.0	-654.07	13.78	5.82	48.10	-290.84	-467.84
						100.0	-654.07	4.93	5.82	48.10	0.0	0.0
263	12	0.0	0.0	5.19e-03	-13.61	0.0	-487.30	16.22	4.21	32.88	-421.40	-941.23
		-941.23	-421.40	-3.01e-03	0.0	50.0	-487.30	9.41	4.21	32.88	-210.70	-300.52
						100.0	-487.30	2.61	4.21	32.88	0.0	0.0
263	14	0.0	0.0	6.65e-03	-13.61	0.0	-679.58	16.56	4.83	42.92	-483.33	-975.69
		-975.69	-483.33	-3.42e-03	0.0	50.0	-679.58	9.76	4.83	42.92	-241.67	-317.74
						100.0	-679.58	2.95	4.83	42.92	0.0	0.0
263	18	0.0	0.0	4.27e-03	-13.61	0.0	172.63	16.28	2.50	15.34	-250.23	-947.42
		-947.42	-250.23	-5.37e-04	0.0	50.0	172.63	9.47	2.50	15.34	-125.12	-303.61
						100.0	172.63	2.67	2.50	15.34	0.0	0.0
263	24	0.0	0.0	-4.00e-03	-13.61	0.0	302.21	24.07	0.96	9.53	-96.07	-1726.53
		-1726.53	-96.07	-1.88e-03	0.0	50.0	302.21	17.27	0.96	9.53	-48.03	-693.17
						100.0	302.21	10.46	0.96	9.53	0.0	0.0
263	25	0.0	0.0	4.32e-03	-13.61	0.0	154.68	16.04	4.56	9.25	-456.08	-923.46
		-923.46	-456.08	-1.49e-03	0.0	50.0	154.68	9.23	4.56	9.25	-228.04	-291.63
						100.0	154.68	2.43	4.56	9.25	0.0	0.0
263	28	0.0	0.0	-4.01e-03	-13.61	0.0	301.44	24.10	1.01	10.11	-101.33	-1729.71
		-1729.71	-101.33	-2.30e-03	0.0	50.0	301.44	17.30	1.01	10.11	-50.67	-694.76
						100.0	301.44	10.49	1.01	10.11	0.0	0.0
263	36	0.0	44.18	-1.01e-03	-13.61	0.0	266.22	21.56	-0.44	16.21	44.18	-1475.41
		-1475.41	0.0	-2.84e-03	0.0	50.0	266.22	14.75	-0.44	16.21	22.09	-567.61
						100.0	266.22	7.95	-0.44	16.21	0.0	0.0

263	37	0.0 -1174.58	0.0 -596.33	1.32e-03 -5.36e-04	-13.61 0.0	0.0 50.0 100.0	190.66 190.66 190.66	18.55 11.75 4.94	5.96 5.96 5.96	2.58 2.58 2.58	-596.33 -298.16 0.0	-1174.58 -417.19 0.0
263	50	0.0 -845.42	0.0 -243.25	5.38e-03 -2.26e-04	-13.61 0.0	0.0 50.0 100.0	157.59 157.59 157.59	15.26 8.45 1.65	2.43 2.43 2.43	16.94 16.94 16.94	-243.25 -121.62 0.0	-845.42 -252.61 0.0
263	56	0.0 -1835.00	0.0 -47.43	-5.13e-03 -1.94e-03	-13.61 0.0	0.0 50.0 100.0	322.10 322.10 322.10	25.15 18.35 11.55	0.47 0.47 0.47	9.58 9.58 9.58	-47.43 -23.71 0.0	-1835.00 -747.40 0.0
263	57	0.0 -814.99	0.0 -504.72	5.44e-03 -1.44e-03	-13.61 0.0	0.0 50.0 100.0	134.79 134.79 134.79	14.95 8.15 1.35	5.05 5.05 5.05	9.20 9.20 9.20	-504.72 -252.36 0.0	-814.99 -237.40 0.0
263	60	0.0 -1839.04	0.0 -54.12	-5.13e-03 -2.46e-03	-13.61 0.0	0.0 50.0 100.0	321.13 321.13 321.13	25.19 18.39 11.59	0.54 0.54 0.54	10.32 10.32 10.32	-54.12 -27.06 0.0	-1839.04 -749.42 0.0
263	68	0.0 -1516.05	130.72 0.0	-1.32e-03 -3.15e-03	-13.61 0.0	0.0 50.0 100.0	322.42 276.42 276.42	21.96 15.16 8.36	-1.31 -1.31 -1.31	18.05 18.05 18.05	130.72 65.36 0.0	-1516.05 -587.92 0.0
263	69	0.0 -1133.94	0.0 -682.87	1.64e-03 3.66e-04	-13.61 0.0	0.0 50.0 100.0	180.47 180.47 180.47	18.14 11.34 4.54	6.83 6.83 6.83	0.73 0.73 0.73	-682.87 -341.43 0.0	-1133.94 -396.87 0.0
263	79	0.0 -1315.15	0.0 -258.38	5.15e-04 -1.57e-03	-13.61 0.0	0.0 50.0 100.0	283.38 283.38 283.38	19.96 13.15 6.35	2.58 2.58 2.58	6.52 6.52 6.52	-258.38 -129.19 0.0	-1315.15 -487.48 0.0
263	81	0.0 -1347.96	0.0 -317.36	1.21e-03 -1.96e-03	-13.61 0.0	0.0 50.0 100.0	100.26 100.26 100.26	20.28 13.48 6.68	3.17 3.17 3.17	16.09 16.09 16.09	-317.36 -158.68 0.0	-1347.96 -503.88 0.0
263	83	0.0 -1068.44	0.0 -374.01	3.51e-03 -2.58e-03	-13.61 0.0	0.0 50.0 100.0	-250.24 -250.24 -250.24	17.49 10.68 3.88	3.74 3.74 3.74	25.17 25.17 25.17	-374.01 -187.00 0.0	-1068.44 -364.12 0.0
263	85	0.0 -1091.41	0.0 -415.29	4.49e-03 -2.85e-03	-13.61 0.0	0.0 50.0 100.0	-378.43 -378.43 -378.43	17.72 10.91 4.11	4.15 4.15 4.15	31.86 31.86 31.86	-415.29 -207.65 0.0	-1091.41 -375.61 0.0
263	86	0.0 -1315.15	0.0 -258.38	5.15e-04 -1.57e-03	-13.61 0.0	0.0 50.0 100.0	283.38 283.38 283.38	19.96 13.15 6.35	2.58 2.58 2.58	6.52 6.52 6.52	-258.38 -129.19 0.0	-1315.15 -487.48 0.0
263	87	0.0 -1331.56	0.0 -287.87	8.09e-04 -1.77e-03	-13.61 0.0	0.0 50.0 100.0	191.82 191.82 191.82	20.12 13.32 6.51	2.88 2.88 2.88	11.30 11.30 11.30	-287.87 -143.94 0.0	-1331.56 -495.68 0.0
263	88	0.0 -1265.81	0.0 -281.50	7.95e-04 -1.77e-03	-13.61 0.0	0.0 50.0 100.0	176.66 176.66 176.66	19.46 12.66 5.85	2.82 2.82 2.82	10.25 10.25 10.25	-281.50 -140.75 0.0	-1265.81 -462.81 0.0
263	90	0.0 -1275.65	0.0 -299.20	1.03e-03 -1.89e-03	-13.61 0.0	0.0 50.0 100.0	121.72 121.72 121.72	19.56 12.76 5.95	2.99 2.99 2.99	13.12 13.12 13.12	-299.20 -149.60 0.0	-1275.65 -467.73 0.0
263	91	0.0 -1315.15	0.0 -258.38	5.15e-04 -1.57e-03	-13.61 0.0	0.0 50.0 100.0	283.38 283.38 283.38	19.96 13.15 6.35	2.58 2.58 2.58	6.52 6.52 6.52	-258.38 -129.19 0.0	-1315.15 -487.48 0.0
263	92	0.0 -1325.00	0.0 -276.07	6.82e-04 -1.69e-03	-13.61 0.0	0.0 50.0 100.0	228.44 228.44 228.44	20.05 13.25 6.45	2.76 2.76 2.76	9.39 9.39 9.39	-276.07 -138.04 0.0	-1325.00 -492.40 0.0
264	1	1.176e+04 0.0	0.0 0.0	-0.15 -0.03	-266.77 0.0	0.0 176.3 352.7	-205.82 -309.94 -414.05	133.38 -1.57e-05 -133.38	0.0 0.0 0.0	-17.36 -17.36 -17.36	0.0 0.0 0.0	0.0 1.176e+04 0.0
264	5	7193.62 0.0	0.0 0.0	-0.09 -0.02	-163.18 0.0	0.0 176.3 352.7	-131.26 -194.94 -258.62	81.59 -9.02e-06 -81.59	0.0 0.0 0.0	-13.57 -13.57 -13.57	0.0 0.0 0.0	0.0 7193.62 0.0
264	7	1.654e+04 0.0	0.0 0.0	-0.22 -0.03	-375.27 0.0	0.0 176.3 352.7	-267.49 -413.95 -560.40	187.63 -2.59e-05 -187.63	0.0 0.0 0.0	-12.84 -12.84 -12.84	0.0 0.0 0.0	0.0 1.654e+04 0.0
264	11	3.687e+04 0.0	0.0 0.0	-0.50 -0.03	-836.25 0.0	0.0 176.3 352.7	-566.87 -893.23 -1219.60	418.12 -5.10e-05 -418.12	0.0 0.0 0.0	-10.23 -10.23 -10.23	0.0 0.0 0.0	0.0 3.687e+04 0.0
264	15	1.011e+04 0.0	0.0 0.0	-0.13 -0.02	-229.35 0.0	0.0 176.3 352.7	-166.26 -255.77 -345.28	114.68 -1.41e-05 -114.68	0.0 0.0 0.0	-19.72 -19.72 -19.72	0.0 0.0 0.0	0.0 1.011e+04 0.0
264	28	1.011e+04 0.0	0.0 0.0	-0.13 -0.03	-229.35 0.0	0.0 176.3 352.7	-176.35 -265.86 -355.37	114.68 -1.41e-05 -114.68	0.0 0.0 0.0	-13.65 -13.65 -13.65	0.0 0.0 0.0	0.0 1.011e+04 0.0
264	30	1.011e+04 0.0	0.0 0.0	-0.13 -0.03	-229.35 0.0	0.0 176.3 352.7	-179.81 -269.32 -358.83	114.68 -1.41e-05 -114.68	0.0 0.0 0.0	-6.25 -6.25 -6.25	0.0 0.0 0.0	0.0 1.011e+04 0.0
264	39	1.011e+04 0.0	0.0 0.0	-0.13 -9.07e-03	-229.35 0.0	0.0 176.3 352.7	-158.49 -248.00 -337.51	114.68 -1.41e-05 -114.68	0.0 0.0 0.0	-25.46 -25.46 -25.46	0.0 0.0 0.0	0.0 1.011e+04 0.0
264	42	1.011e+04 0.0	0.0 0.0	-0.14 -0.04	-229.35 0.0	0.0 176.3	-189.11 -278.62	114.68 -1.41e-05	0.0 0.0	-1.14 -1.14	0.0 0.0	0.0 1.011e+04

					352.7	-368.13	-114.68	0.0	-1.14	0.0	0.0
264	47	1.011e+04	0.0	-0.13	-229.35	0.0	-164.22	114.68	0.0	-21.46	0.0
		0.0	0.0	-0.02	0.0	176.3	-253.73	-1.41e-05	0.0	-21.46	0.0
						352.7	-343.24	-114.68	0.0	-21.46	0.0
264	60	1.011e+04	0.0	-0.13	-229.35	0.0	-177.04	114.68	0.0	-13.74	0.0
		0.0	0.0	-0.03	0.0	176.3	-266.55	-1.41e-05	0.0	-13.74	0.0
						352.7	-356.06	-114.68	0.0	-13.74	0.0
264	62	1.011e+04	0.0	-0.13	-229.35	0.0	-181.43	114.68	0.0	-4.35	0.0
		0.0	0.0	-0.03	0.0	176.3	-270.94	-1.41e-05	0.0	-4.35	0.0
						352.7	-360.45	-114.68	0.0	-4.35	0.0
264	71	1.011e+04	0.0	-0.12	-229.35	0.0	-154.36	114.68	0.0	-28.75	0.0
		0.0	0.0	-5.32e-03	0.0	176.3	-243.87	-1.41e-05	0.0	-28.75	0.0
						352.7	-333.38	-114.68	0.0	-28.75	0.0
264	74	1.011e+04	0.0	-0.14	-229.35	0.0	-193.25	114.68	0.0	2.14	0.0
		0.0	0.0	-0.04	0.0	176.3	-282.76	-1.41e-05	0.0	2.14	0.0
						352.7	-372.27	-114.68	0.0	2.14	0.0
264	79	8240.79	0.0	-0.11	-186.93	0.0	-146.56	93.47	0.0	-13.45	0.0
		0.0	0.0	-0.02	0.0	176.3	-219.51	-1.08e-05	0.0	-13.45	0.0
						352.7	-292.47	-93.47	0.0	-13.45	0.0
264	81	1.447e+04	0.0	-0.19	-328.33	0.0	-237.38	164.16	0.0	-12.97	0.0
		0.0	0.0	-0.03	0.0	176.3	-365.52	-2.20e-05	0.0	-12.97	0.0
						352.7	-493.65	-164.16	0.0	-12.97	0.0
264	85	2.498e+04	0.0	-0.34	-566.59	0.0	-387.25	283.29	0.0	-8.69	0.0
		0.0	0.0	-0.02	0.0	176.3	-608.38	-3.43e-05	0.0	-8.69	0.0
						352.7	-829.50	-283.29	0.0	-8.69	0.0
264	86	8240.79	0.0	-0.11	-186.93	0.0	-146.56	93.47	0.0	-13.45	0.0
		0.0	0.0	-0.02	0.0	176.3	-219.51	-1.08e-05	0.0	-13.45	0.0
						352.7	-292.47	-93.47	0.0	-13.45	0.0
264	87	1.136e+04	0.0	-0.15	-257.63	0.0	-191.97	128.81	0.0	-13.21	0.0
		0.0	0.0	-0.02	0.0	176.3	-292.51	-1.64e-05	0.0	-13.21	0.0
						352.7	-393.06	-128.81	0.0	-13.21	0.0
264	90	1.259e+04	0.0	-0.17	-285.49	0.0	-209.23	142.74	0.0	-12.42	0.0
		0.0	0.0	-0.02	0.0	176.3	-320.65	-1.73e-05	0.0	-12.42	0.0
						352.7	-432.06	-142.74	0.0	-12.42	0.0
264	91	8240.79	0.0	-0.11	-186.93	0.0	-146.56	93.47	0.0	-13.45	0.0
		0.0	0.0	-0.02	0.0	176.3	-219.51	-1.08e-05	0.0	-13.45	0.0
						352.7	-292.47	-93.47	0.0	-13.45	0.0
264	92	1.011e+04	0.0	-0.13	-229.35	0.0	-173.80	114.68	0.0	-13.30	0.0
		0.0	0.0	-0.02	0.0	176.3	-263.31	-1.41e-05	0.0	-13.30	0.0
						352.7	-352.82	-114.68	0.0	-13.30	0.0
265	3	2.109e+04	0.0	-0.29	-478.68	0.0	-711.93	239.34	0.0	-8.27	0.0
		0.0	0.0	0.03	0.0	176.2	-524.96	-1.32e-06	0.0	-8.27	0.0
						352.5	-337.98	-239.34	0.0	-8.27	0.0
265	4	3.036e+04	0.0	-0.42	-689.12	0.0	-1007.20	344.56	0.0	-13.96	0.0
		0.0	0.0	0.03	0.0	176.2	-738.03	1.01e-06	0.0	-13.96	0.0
						352.5	-468.85	-344.56	0.0	-13.96	0.0
265	5	7186.72	0.0	-0.09	-163.11	0.0	-256.94	81.55	0.0	-2.06	0.0
		0.0	0.0	0.02	0.0	176.2	-193.23	1.75e-06	0.0	-2.06	0.0
						352.5	-129.52	-81.55	0.0	-2.06	0.0
265	9	3.029e+04	0.0	-0.42	-687.54	0.0	-1002.04	343.77	0.0	-15.15	0.0
		0.0	0.0	0.03	0.0	176.2	-733.49	7.25e-06	0.0	-15.15	0.0
						352.5	-464.93	-343.77	0.0	-15.15	0.0
265	11	3.683e+04	0.0	-0.51	-835.96	0.0	-1212.34	417.98	0.0	-18.30	0.0
		0.0	0.0	0.03	0.0	176.2	-885.81	4.51e-06	0.0	-18.30	0.0
						352.5	-559.29	-417.98	0.0	-18.30	0.0
265	15	1.010e+04	0.0	-0.13	-229.26	0.0	-356.50	114.63	0.0	-5.02	0.0
		0.0	0.0	0.02	0.0	176.2	-266.95	1.11e-06	0.0	-5.02	0.0
						352.5	-177.40	-114.63	0.0	-5.02	0.0
265	20	1.010e+04	0.0	-0.14	-229.26	0.0	-348.99	114.63	0.0	1.25	0.0
		0.0	0.0	0.01	0.0	176.2	-259.44	1.11e-06	0.0	1.25	0.0
						352.5	-169.89	-114.63	0.0	1.25	0.0
265	35	1.010e+04	0.0	-0.13	-229.26	0.0	-363.00	114.63	0.0	-13.15	0.0
		0.0	0.0	0.03	0.0	176.2	-273.45	1.11e-06	0.0	-13.15	0.0
						352.5	-183.91	-114.63	0.0	-13.15	0.0
265	39	1.010e+04	0.0	-0.13	-229.26	0.0	-364.53	114.63	0.0	-13.69	0.0
		0.0	0.0	0.03	0.0	176.2	-274.99	1.11e-06	0.0	-13.69	0.0
						352.5	-185.44	-114.63	0.0	-13.69	0.0
265	42	1.010e+04	0.0	-0.14	-229.26	0.0	-336.89	114.63	0.0	6.82	0.0
		0.0	0.0	9.78e-03	0.0	176.2	-247.34	1.11e-06	0.0	6.82	0.0
						352.5	-157.79	-114.63	0.0	6.82	0.0
265	43	1.010e+04	0.0	-0.13	-229.26	0.0	-364.27	114.63	0.0	-13.65	0.0
		0.0	0.0	0.03	0.0	176.2	-274.72	1.11e-06	0.0	-13.65	0.0
						352.5	-185.17	-114.63	0.0	-13.65	0.0
265	47	1.010e+04	0.0	-0.13	-229.26	0.0	-358.05	114.63	0.0	-5.45	0.0
		0.0	0.0	0.02	0.0	176.2	-268.51	1.11e-06	0.0	-5.45	0.0
						352.5	-178.96	-114.63	0.0	-5.45	0.0
265	52	1.010e+04	0.0	-0.14	-229.26	0.0	-348.51	114.63	0.0	2.51	0.0

		0.0	0.0	0.01	0.0	176.2	-258.96	1.11e-06	0.0	2.51	0.0	1.010e+04
						352.5	-169.41	-114.63	0.0	2.51	0.0	0.0
265	67	1.010e+04	0.0	-0.13	-229.26	0.0	-366.32	114.63	0.0	-15.77	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-276.77	1.11e-06	0.0	-15.77	0.0	1.010e+04
						352.5	-187.22	-114.63	0.0	-15.77	0.0	0.0
265	71	1.010e+04	0.0	-0.13	-229.26	0.0	-368.27	114.63	0.0	-16.46	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-278.72	1.11e-06	0.0	-16.46	0.0	1.010e+04
						352.5	-189.17	-114.63	0.0	-16.46	0.0	0.0
265	74	1.010e+04	0.0	-0.14	-229.26	0.0	-333.16	114.63	0.0	9.59	0.0	0.0
		0.0	0.0	6.51e-03	0.0	176.2	-243.61	1.11e-06	0.0	9.59	0.0	1.010e+04
						352.5	-154.06	-114.63	0.0	9.59	0.0	0.0
265	75	1.010e+04	0.0	-0.13	-229.26	0.0	-367.93	114.63	0.0	-16.42	0.0	0.0
		0.0	0.0	0.04	0.0	176.2	-278.38	1.11e-06	0.0	-16.42	0.0	1.010e+04
						352.5	-188.83	-114.63	0.0	-16.42	0.0	0.0
265	79	8233.01	0.0	-0.11	-186.85	0.0	-290.63	93.43	0.0	-2.53	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-217.64	1.89e-06	0.0	-2.53	0.0	8233.01
						352.5	-144.66	-93.43	0.0	-2.53	0.0	0.0
265	81	1.446e+04	0.0	-0.20	-328.20	0.0	-490.91	164.10	0.0	-5.53	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-362.71	0.0	0.0	-5.53	0.0	1.446e+04
						352.5	-234.52	-164.10	0.0	-5.53	0.0	0.0
265	82	2.064e+04	0.0	-0.28	-468.50	0.0	-687.76	234.25	0.0	-9.33	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-504.76	0.0	0.0	-9.33	0.0	2.064e+04
						352.5	-321.76	-234.25	0.0	-9.33	0.0	0.0
265	83	2.060e+04	0.0	-0.28	-467.44	0.0	-684.32	233.72	0.0	-10.12	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-501.74	4.99e-06	0.0	-10.12	0.0	2.060e+04
						352.5	-319.15	-233.72	0.0	-10.12	0.0	0.0
265	85	2.496e+04	0.0	-0.34	-566.39	0.0	-824.52	283.19	0.0	-12.22	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-603.28	3.16e-06	0.0	-12.22	0.0	2.496e+04
						352.5	-382.05	-283.19	0.0	-12.22	0.0	0.0
265	86	8233.01	0.0	-0.11	-186.85	0.0	-290.63	93.43	0.0	-2.53	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-217.64	1.89e-06	0.0	-2.53	0.0	8233.01
						352.5	-144.66	-93.43	0.0	-2.53	0.0	0.0
265	87	1.135e+04	0.0	-0.15	-257.53	0.0	-390.77	128.76	0.0	-4.03	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-290.18	0.0	0.0	-4.03	0.0	1.135e+04
						352.5	-189.59	-128.76	0.0	-4.03	0.0	0.0
265	88	1.071e+04	0.0	-0.14	-242.97	0.0	-369.37	121.49	0.0	-4.05	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-274.46	2.51e-06	0.0	-4.05	0.0	1.071e+04
						352.5	-179.56	-121.49	0.0	-4.05	0.0	0.0
265	90	1.257e+04	0.0	-0.17	-285.38	0.0	-429.45	142.69	0.0	-4.95	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-317.98	1.73e-06	0.0	-4.95	0.0	1.257e+04
						352.5	-206.51	-142.69	0.0	-4.95	0.0	0.0
265	91	8233.01	0.0	-0.11	-186.85	0.0	-290.63	93.43	0.0	-2.53	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-217.64	1.89e-06	0.0	-2.53	0.0	8233.01
						352.5	-144.66	-93.43	0.0	-2.53	0.0	0.0
265	92	1.010e+04	0.0	-0.14	-229.26	0.0	-350.71	114.63	0.0	-3.43	0.0	0.0
		0.0	0.0	0.02	0.0	176.2	-261.16	1.11e-06	0.0	-3.43	0.0	1.010e+04
						352.5	-171.62	-114.63	0.0	-3.43	0.0	0.0
266	1	1.156e+04	0.0	-0.16	-262.62	0.0	-419.74	131.31	0.0	-8.34	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-317.07	-1.79e-06	0.0	-8.34	0.0	1.156e+04
						352.3	-214.40	-131.31	0.0	-8.34	0.0	0.0
266	3	2.073e+04	0.0	-0.29	-470.75	0.0	-717.52	235.38	0.0	-5.83	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-533.47	2.79e-06	0.0	-5.83	0.0	2.073e+04
						352.3	-349.43	-235.38	0.0	-5.83	0.0	0.0
266	5	7079.93	0.0	-0.10	-160.77	0.0	-263.91	80.39	0.0	-6.85	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-201.05	0.0	0.0	-6.85	0.0	7079.93
						352.3	-138.20	-80.39	0.0	-6.85	0.0	0.0
266	9	2.976e+04	0.0	-0.41	-675.79	0.0	-1003.28	337.89	0.0	0.84	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-739.08	8.12e-06	0.0	0.84	0.0	2.976e+04
						352.3	-474.88	-337.89	0.0	0.84	0.0	0.0
266	11	3.618e+04	0.0	-0.51	-821.48	0.0	-1211.73	410.74	0.0	2.60	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-890.56	1.13e-05	0.0	2.60	0.0	3.618e+04
						352.3	-569.40	-410.74	0.0	2.60	0.0	0.0
266	15	9939.53	0.0	-0.13	-225.71	0.0	-368.06	112.86	0.0	-2.18	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-279.82	0.0	0.0	-2.18	0.0	9939.53
						352.3	-191.58	-112.86	0.0	-2.18	0.0	0.0
266	25	9939.53	0.0	-0.13	-225.71	0.0	-354.94	112.86	0.0	-7.47	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-266.70	0.0	0.0	-7.47	0.0	9939.53
						352.3	-178.46	-112.86	0.0	-7.47	0.0	0.0
266	31	9939.53	0.0	-0.13	-225.71	0.0	-371.34	112.86	0.0	-2.19	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-283.09	0.0	0.0	-2.19	0.0	9939.53
						352.3	-194.85	-112.86	0.0	-2.19	0.0	0.0
266	34	9939.53	0.0	-0.14	-225.71	0.0	-342.26	112.86	0.0	-10.02	0.0	0.0
		0.0	0.0	0.01	0.0	176.1	-254.01	0.0	0.0	-10.02	0.0	9939.53
						352.3	-165.77	-112.86	0.0	-10.02	0.0	0.0
266	42	9939.53	0.0	-0.14	-225.71	0.0	-344.51	112.86	0.0	-9.50	0.0	0.0
		0.0	0.0	8.75e-03	0.0	176.1	-256.27	0.0	0.0	-9.50	0.0	9939.53
						352.3	-168.02	-112.86	0.0	-9.50	0.0	0.0

266	47	9939.53	0.0	-0.13	-225.71	0.0	-371.11	112.86	0.0	-1.12	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-282.86	0.0	0.0	-1.12	0.0	9939.53
						352.3	-194.62	-112.86	0.0	-1.12	0.0	0.0
266	57	9939.53	0.0	-0.13	-225.71	0.0	-354.45	112.86	0.0	-7.84	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-266.21	0.0	0.0	-7.84	0.0	9939.53
						352.3	-177.96	-112.86	0.0	-7.84	0.0	0.0
266	63	9939.53	0.0	-0.13	-225.71	0.0	-375.26	112.86	0.0	-1.13	0.0	0.0
		0.0	0.0	0.04	0.0	176.1	-287.02	0.0	0.0	-1.13	0.0	9939.53
						352.3	-198.78	-112.86	0.0	-1.13	0.0	0.0
266	66	9939.53	0.0	-0.14	-225.71	0.0	-338.33	112.86	0.0	-11.08	0.0	0.0
		0.0	0.0	8.15e-03	0.0	176.1	-250.08	0.0	0.0	-11.08	0.0	9939.53
						352.3	-161.84	-112.86	0.0	-11.08	0.0	0.0
266	74	9939.53	0.0	-0.14	-225.71	0.0	-341.19	112.86	0.0	-10.41	0.0	0.0
		0.0	0.0	5.18e-03	0.0	176.1	-252.95	0.0	0.0	-10.41	0.0	9939.53
						352.3	-164.71	-112.86	0.0	-10.41	0.0	0.0
266	79	8106.46	0.0	-0.11	-184.09	0.0	-297.24	92.04	0.0	-6.61	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-225.27	-1.18e-06	0.0	-6.61	0.0	8106.46
						352.3	-153.30	-92.04	0.0	-6.61	0.0	0.0
266	81	1.422e+04	0.0	-0.20	-322.84	0.0	-495.76	161.42	0.0	-4.93	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-369.54	1.87e-06	0.0	-4.93	0.0	1.422e+04
						352.3	-243.32	-161.42	0.0	-4.93	0.0	0.0
266	83	2.024e+04	0.0	-0.28	-459.53	0.0	-686.27	229.76	0.0	-0.49	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-506.61	5.42e-06	0.0	-0.49	0.0	2.024e+04
						352.3	-326.96	-229.76	0.0	-0.49	0.0	0.0
266	85	2.451e+04	0.0	-0.34	-556.66	0.0	-825.23	278.33	0.0	0.68	0.0	0.0
		0.0	0.0	0.03	0.0	176.1	-607.60	7.56e-06	0.0	0.68	0.0	2.451e+04
						352.3	-389.97	-278.33	0.0	0.68	0.0	0.0
266	86	8106.46	0.0	-0.11	-184.09	0.0	-297.24	92.04	0.0	-6.61	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-225.27	-1.18e-06	0.0	-6.61	0.0	8106.46
						352.3	-153.30	-92.04	0.0	-6.61	0.0	0.0
266	87	1.116e+04	0.0	-0.15	-253.46	0.0	-396.50	126.73	0.0	-5.77	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-297.41	0.0	0.0	-5.77	0.0	1.116e+04
						352.3	-198.31	-126.73	0.0	-5.77	0.0	0.0
266	88	1.053e+04	0.0	-0.14	-239.17	0.0	-375.05	119.59	0.0	-5.38	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-281.54	0.0	0.0	-5.38	0.0	1.053e+04
						352.3	-188.03	-119.59	0.0	-5.38	0.0	0.0
266	90	1.237e+04	0.0	-0.17	-280.80	0.0	-434.60	140.40	0.0	-4.88	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-324.82	1.05e-06	0.0	-4.88	0.0	1.237e+04
						352.3	-215.04	-140.40	0.0	-4.88	0.0	0.0
266	91	8106.46	0.0	-0.11	-184.09	0.0	-297.24	92.04	0.0	-6.61	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-225.27	-1.18e-06	0.0	-6.61	0.0	8106.46
						352.3	-153.30	-92.04	0.0	-6.61	0.0	0.0
266	92	9939.53	0.0	-0.14	-225.71	0.0	-356.80	112.86	0.0	-6.10	0.0	0.0
		0.0	0.0	0.02	0.0	176.1	-268.55	0.0	0.0	-6.10	0.0	9939.53
						352.3	-180.31	-112.86	0.0	-6.10	0.0	0.0
268	3	2.074e+04	0.0	-0.30	-470.88	0.0	-706.64	235.44	0.0	8.99	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-522.65	-1.70e-06	0.0	8.99	0.0	2.074e+04
						352.4	-338.67	-235.44	0.0	8.99	0.0	0.0
268	5	7084.88	0.0	-0.10	-160.83	0.0	-257.68	80.41	0.0	8.00	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-194.84	0.0	0.0	8.00	0.0	7084.88
						352.4	-132.00	-80.41	0.0	8.00	0.0	0.0
268	9	2.978e+04	0.0	-0.43	-675.96	0.0	-990.31	337.98	0.0	4.01	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-726.20	-1.04e-05	0.0	4.01	0.0	2.978e+04
						352.4	-462.09	-337.98	0.0	4.01	0.0	0.0
268	11	3.620e+04	0.0	-0.52	-821.69	0.0	-1197.22	410.84	0.0	3.21	0.0	0.0
		0.0	0.0	-0.04	0.0	176.2	-876.17	-1.16e-05	0.0	3.21	0.0	3.620e+04
						352.4	-555.12	-410.84	0.0	3.21	0.0	0.0
268	15	9946.23	0.0	-0.15	-225.78	0.0	-352.24	112.89	0.0	11.57	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-264.02	0.0	0.0	11.57	0.0	9946.23
						352.4	-175.80	-112.89	0.0	11.57	0.0	0.0
268	16	9946.23	0.0	-0.14	-225.78	0.0	-360.05	112.89	0.0	9.48	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-271.84	0.0	0.0	9.48	0.0	9946.23
						352.4	-183.62	-112.89	0.0	9.48	0.0	0.0
268	17	9946.23	0.0	-0.15	-225.78	0.0	-339.69	112.89	0.0	5.83	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-251.47	0.0	0.0	5.83	0.0	9946.23
						352.4	-163.26	-112.89	0.0	5.83	0.0	0.0
268	36	9946.23	0.0	-0.14	-225.78	0.0	-365.33	112.89	0.0	4.82	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-277.11	0.0	0.0	4.82	0.0	9946.23
						352.4	-188.89	-112.89	0.0	4.82	0.0	0.0
268	37	9946.23	0.0	-0.15	-225.78	0.0	-334.41	112.89	0.0	10.48	0.0	0.0
		0.0	0.0	-0.01	0.0	176.2	-246.20	0.0	0.0	10.48	0.0	9946.23
						352.4	-157.98	-112.89	0.0	10.48	0.0	0.0
268	40	9946.23	0.0	-0.14	-225.78	0.0	-362.78	112.89	0.0	5.40	0.0	0.0
		0.0	0.0	-0.04	0.0	176.2	-274.56	0.0	0.0	5.40	0.0	9946.23
						352.4	-186.35	-112.89	0.0	5.40	0.0	0.0
268	47	9946.23	0.0	-0.15	-225.78	0.0	-352.87	112.89	0.0	12.63	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-264.66	0.0	0.0	12.63	0.0	9946.23

						352.4	-176.44	-112.89	0.0	12.63	0.0	0.0
268	48	9946.23	0.0	-0.14	-225.78	0.0	-362.80	112.89	0.0	9.97	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-274.59	0.0	0.0	9.97	0.0	9946.23
						352.4	-186.37	-112.89	0.0	9.97	0.0	0.0
268	49	9946.23	0.0	-0.15	-225.78	0.0	-336.94	112.89	0.0	5.34	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-248.72	0.0	0.0	5.34	0.0	9946.23
						352.4	-160.50	-112.89	0.0	5.34	0.0	0.0
268	68	9946.23	0.0	-0.14	-225.78	0.0	-369.50	112.89	0.0	4.06	0.0	0.0
		0.0	0.0	-0.04	0.0	176.2	-281.29	0.0	0.0	4.06	0.0	9946.23
						352.4	-193.07	-112.89	0.0	4.06	0.0	0.0
268	69	9946.23	0.0	-0.15	-225.78	0.0	-330.24	112.89	0.0	11.25	0.0	0.0
		0.0	0.0	-6.80e-03	0.0	176.2	-242.02	0.0	0.0	11.25	0.0	9946.23
						352.4	-153.80	-112.89	0.0	11.25	0.0	0.0
268	72	9946.23	0.0	-0.14	-225.78	0.0	-366.26	112.89	0.0	4.79	0.0	0.0
		0.0	0.0	-0.04	0.0	176.2	-278.05	0.0	0.0	4.79	0.0	9946.23
						352.4	-189.83	-112.89	0.0	4.79	0.0	0.0
268	79	8112.03	0.0	-0.12	-184.14	0.0	-290.75	92.07	0.0	7.88	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-218.80	0.0	0.0	7.88	0.0	8112.03
						352.4	-146.86	-92.07	0.0	7.88	0.0	0.0
268	81	1.423e+04	0.0	-0.20	-322.93	0.0	-487.81	161.46	0.0	7.12	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-361.64	-1.16e-06	0.0	7.12	0.0	1.423e+04
						352.4	-235.46	-161.46	0.0	7.12	0.0	0.0
268	83	2.025e+04	0.0	-0.29	-459.65	0.0	-676.92	229.83	0.0	3.80	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-497.33	-6.93e-06	0.0	3.80	0.0	2.025e+04
						352.4	-317.74	-229.83	0.0	3.80	0.0	0.0
268	85	2.453e+04	0.0	-0.35	-556.80	0.0	-814.86	278.40	0.0	3.27	0.0	0.0
		0.0	0.0	-0.03	0.0	176.2	-597.31	-7.72e-06	0.0	3.27	0.0	2.453e+04
						352.4	-379.76	-278.40	0.0	3.27	0.0	0.0
268	86	8112.03	0.0	-0.12	-184.14	0.0	-290.75	92.07	0.0	7.88	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-218.80	0.0	0.0	7.88	0.0	8112.03
						352.4	-146.86	-92.07	0.0	7.88	0.0	0.0
268	87	1.117e+04	0.0	-0.16	-253.54	0.0	-389.28	126.77	0.0	7.50	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-290.22	0.0	0.0	7.50	0.0	1.117e+04
						352.4	-191.16	-126.77	0.0	7.50	0.0	0.0
268	88	1.054e+04	0.0	-0.15	-239.24	0.0	-367.99	119.62	0.0	7.07	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-274.51	-1.41e-06	0.0	7.07	0.0	1.054e+04
						352.4	-181.03	-119.62	0.0	7.07	0.0	0.0
268	90	1.237e+04	0.0	-0.18	-280.88	0.0	-427.10	140.44	0.0	6.84	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-317.36	-1.75e-06	0.0	6.84	0.0	1.237e+04
						352.4	-207.61	-140.44	0.0	6.84	0.0	0.0
268	91	8112.03	0.0	-0.12	-184.14	0.0	-290.75	92.07	0.0	7.88	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-218.80	0.0	0.0	7.88	0.0	8112.03
						352.4	-146.86	-92.07	0.0	7.88	0.0	0.0
268	92	9946.23	0.0	-0.14	-225.78	0.0	-349.87	112.89	0.0	7.65	0.0	0.0
		0.0	0.0	-0.02	0.0	176.2	-261.65	0.0	0.0	7.65	0.0	9946.23
						352.4	-173.44	-112.89	0.0	7.65	0.0	0.0
269	1	1179.30	904.34	0.03	-68.38	0.0	459.62	10.58	-6.92	55.70	904.34	909.57
		-1855.68	-252.15	-3.58e-03	0.0	83.6	446.79	-13.01	-6.92	55.70	326.10	955.99
						167.2	422.45	-57.79	-6.92	55.70	-252.15	-1855.68
269	5	784.31	632.10	0.02	-44.41	0.0	321.43	7.72	-4.97	35.35	632.10	585.78
		-1155.88	-199.62	-2.23e-03	0.0	83.6	312.68	-8.38	-4.97	35.35	216.24	643.10
						167.2	297.29	-36.69	-4.97	35.35	-199.62	-1155.88
269	11	2826.19	1562.11	0.07	-179.91	0.0	791.74	17.03	-10.04	160.90	1562.11	2384.25
		-5519.51	-116.33	-0.01	0.0	83.6	763.76	-34.45	-10.04	160.90	722.89	2192.37
						167.2	693.95	-162.89	-10.04	160.90	-116.33	-5519.51
269	18	883.83	861.36	0.03	-57.30	0.0	442.76	10.36	-7.06	52.27	861.36	565.97
		-1442.16	-319.69	-4.78e-03	0.0	83.6	432.26	-8.96	-7.06	52.27	270.84	759.48
						167.2	411.61	-46.94	-7.06	52.27	-319.69	-1442.16
269	19	1104.76	589.09	0.03	-57.30	0.0	308.63	6.28	-3.89	43.14	589.09	974.19
		-1706.37	-58.38	-1.56e-03	0.0	83.6	298.12	-13.04	-3.89	43.14	265.36	831.50
						167.2	277.48	-51.02	-3.89	43.14	-58.38	-1706.37
269	20	1053.41	630.77	0.03	-57.30	0.0	366.08	6.68	-4.27	44.67	630.77	916.54
		-1738.82	-82.68	-6.66e-03	0.0	83.6	355.58	-12.64	-4.27	44.67	274.05	786.44
						167.2	334.94	-50.62	-4.27	44.67	-82.68	-1738.82
269	31	1088.11	594.57	0.03	-57.30	0.0	244.28	6.97	-4.17	43.06	594.57	941.56
		-1675.08	-100.32	4.71e-03	0.0	83.6	233.78	-12.36	-4.17	43.06	247.12	830.83
						167.2	213.13	-50.34	-4.17	43.06	-100.32	-1675.08
269	34	891.37	848.66	0.02	-57.30	0.0	500.55	9.64	-6.71	52.09	848.66	604.79
		-1503.43	-274.31	-0.01	0.0	83.6	490.04	-9.69	-6.71	52.09	287.18	748.26
						167.2	469.40	-47.67	-6.71	52.09	-274.31	-1503.43
269	50	857.77	899.12	0.03	-57.30	0.0	461.77	10.91	-7.49	53.54	899.12	509.99
		-1402.41	-355.46	-5.22e-03	0.0	83.6	451.26	-8.41	-7.49	53.54	271.83	751.37
						167.2	430.62	-46.39	-7.49	53.54	-355.46	-1402.41
269	51	1140.55	553.29	0.03	-57.30	0.0	291.39	5.74	-3.47	41.94	553.29	1028.50
		-1738.02	-23.54	-1.28e-03	0.0	83.6	280.89	-13.59	-3.47	41.94	264.87	842.82
						167.2	260.24	-51.57	-3.47	41.94	-23.54	-1738.02
269	52	1073.32	606.23	0.03	-57.30	0.0	364.38	6.24	-3.95	43.89	606.23	955.27

		-1779.24	-54.40	-7.62e-03	0.0	83.6	353.87	-13.08	-3.95	43.89	275.91	785.60
						167.2	333.23	-51.06	-3.95	43.89	-54.40	-1779.24
269	63	1116.44	560.23	0.04	-57.30	0.0	209.66	6.61	-3.82	41.84	560.23	987.06
		-1698.27	-76.81	6.83e-03	0.0	83.6	199.15	-12.72	-3.82	41.84	241.71	841.98
						167.2	178.51	-50.70	-3.82	41.84	-76.81	-1698.27
269	66	867.34	883.00	0.02	-57.30	0.0	535.17	10.00	-7.05	53.31	883.00	559.29
		-1480.24	-297.82	-0.01	0.0	83.6	524.67	-9.32	-7.05	53.31	292.59	737.11
						167.2	504.02	-47.31	-7.05	53.31	-297.82	-1480.24
269	79	853.33	668.02	0.03	-49.04	0.0	339.59	7.96	-5.17	39.59	668.02	650.16
		-1309.38	-196.42	-2.52e-03	0.0	83.6	330.21	-9.30	-5.17	39.59	235.80	695.26
						167.2	312.93	-41.08	-5.17	39.59	-196.42	-1309.38
269	85	1950.96	1106.53	0.05	-123.40	0.0	561.01	12.25	-7.25	109.72	1106.53	1633.27
		-3751.93	-105.88	-7.05e-03	0.0	83.6	541.52	-23.59	-7.25	109.72	500.33	1519.51
						167.2	493.93	-111.14	-7.25	109.72	-105.88	-3751.93
269	86	853.33	668.02	0.03	-49.04	0.0	339.59	7.96	-5.17	39.59	668.02	650.16
		-1309.38	-196.42	-2.52e-03	0.0	83.6	330.21	-9.30	-5.17	39.59	235.80	695.26
						167.2	312.93	-41.08	-5.17	39.59	-196.42	-1309.38
269	90	1142.08	784.31	0.03	-68.32	0.0	401.38	9.00	-5.73	57.87	784.31	912.39
		-1947.15	-173.45	-3.76e-03	0.0	83.6	389.38	-13.08	-5.73	57.87	305.43	910.39
						167.2	364.24	-59.32	-5.73	57.87	-173.45	-1947.15
269	91	853.33	668.02	0.03	-49.04	0.0	339.59	7.96	-5.17	39.59	668.02	650.16
		-1309.38	-196.42	-2.52e-03	0.0	83.6	330.21	-9.30	-5.17	39.59	235.80	695.26
						167.2	312.93	-41.08	-5.17	39.59	-196.42	-1309.38
269	92	983.28	721.62	0.03	-57.30	0.0	372.42	8.30	-5.44	47.58	721.62	773.18
		-1589.25	-187.31	-3.14e-03	0.0	83.6	361.91	-11.02	-5.44	47.58	267.15	789.55
						167.2	341.27	-49.00	-5.44	47.58	-187.31	-1589.25
270	5	863.79	534.00	0.02	-42.64	0.0	400.34	5.61	9.17	-35.68	-999.65	753.56
		-1242.23	-999.65	3.33e-03	0.0	83.6	391.83	-10.05	9.17	-35.68	-232.82	646.80
						167.2	377.16	-37.03	9.17	-35.68	534.00	-1242.23
270	11	3154.46	1249.22	0.07	-168.68	0.0	917.42	7.15	24.95	-160.69	-2922.76	3054.37
		-5873.64	-2922.76	6.10e-03	0.0	83.6	890.97	-41.51	24.95	-160.69	-836.77	2115.51
						167.2	825.74	-161.52	24.95	-160.69	1249.22	-5873.64
270	19	1107.94	539.05	0.02	-54.60	0.0	516.97	4.40	10.19	-45.48	-1163.10	1047.47
		-1848.64	-1163.10	5.25e-03	0.0	83.6	506.83	-14.25	10.19	-45.48	-312.02	740.44
						167.2	487.29	-50.20	10.19	-45.48	539.05	-1848.64
270	25	996.35	718.88	0.02	-54.60	0.0	468.39	7.01	11.88	-53.43	-1269.24	843.98
		-1607.97	-1269.24	6.17e-03	0.0	83.6	458.26	-11.64	11.88	-53.43	-275.18	759.03
						167.2	438.72	-47.59	11.88	-53.43	718.88	-1607.97
270	31	1000.79	650.01	0.02	-54.60	0.0	566.08	5.76	11.32	-52.28	-1242.51	907.89
		-1815.25	-1242.51	0.01	0.0	83.6	555.94	-12.88	11.32	-52.28	-296.25	687.34
						167.2	536.40	-48.83	11.32	-52.28	650.01	-1815.25
270	34	1172.69	545.53	0.03	-54.60	0.0	340.93	5.14	10.02	-43.45	-1129.55	1066.55
		-1586.00	-1129.55	-3.77e-03	0.0	83.6	330.79	-13.50	10.02	-43.45	-292.01	881.30
						167.2	311.25	-49.45	10.02	-43.45	545.53	-1586.00
270	36	1207.85	493.31	0.03	-54.60	0.0	357.08	4.36	9.53	-41.19	-1098.97	1126.42
		-1657.89	-1098.97	-4.15e-03	0.0	83.6	346.94	-14.28	9.53	-41.19	-302.83	875.28
						167.2	327.40	-50.23	9.53	-41.19	493.31	-1657.89
270	37	965.62	702.24	0.02	-54.60	0.0	549.93	6.54	11.81	-54.55	-1273.09	848.02
		-1743.35	-1273.09	0.01	0.0	83.6	539.79	-12.10	11.81	-54.55	-285.42	693.35
						167.2	520.25	-48.05	11.81	-54.55	702.24	-1743.35
270	51	1114.78	523.19	0.02	-54.60	0.0	534.11	4.11	10.07	-44.84	-1156.96	1063.74
		-1888.64	-1156.96	5.65e-03	0.0	83.6	523.98	-14.54	10.07	-44.84	-316.89	728.57
						167.2	504.43	-50.49	10.07	-44.84	523.19	-1888.64
270	57	973.59	751.60	0.02	-54.60	0.0	472.43	7.43	12.20	-54.94	-1291.71	805.29
		-1582.92	-1291.71	6.82e-03	0.0	83.6	462.29	-11.22	12.20	-54.94	-270.06	752.21
						167.2	442.75	-47.17	12.20	-54.94	751.60	-1582.92
270	63	977.56	664.13	0.01	-54.60	0.0	596.50	5.85	11.50	-53.48	-1257.79	886.44
		-1846.22	-1257.79	0.01	0.0	83.6	586.36	-12.80	11.50	-53.48	-296.83	661.13
						167.2	566.82	-48.75	11.50	-53.48	664.13	-1846.22
270	66	1195.92	531.42	0.03	-54.60	0.0	310.51	5.06	9.84	-42.26	-1114.27	1088.00
		-1555.03	-1114.27	-5.81e-03	0.0	83.6	300.38	-13.59	9.84	-42.26	-291.42	907.51
						167.2	280.83	-49.54	9.84	-42.26	531.42	-1555.03
270	68	1240.58	465.08	0.03	-54.60	0.0	331.02	4.07	9.23	-39.38	-1075.44	1164.04
		-1646.35	-1075.44	-6.29e-03	0.0	83.6	320.88	-14.58	9.23	-39.38	-305.18	899.86
						167.2	301.34	-50.53	9.23	-39.38	465.08	-1646.35
270	69	934.43	730.46	0.02	-54.60	0.0	575.99	6.84	12.11	-56.35	-1296.61	810.40
		-1754.90	-1296.61	0.01	0.0	83.6	565.85	-11.81	12.11	-56.35	-283.07	668.77
						167.2	546.31	-47.76	12.11	-56.35	730.46	-1754.90
270	79	941.22	558.48	0.02	-46.93	0.0	419.15	5.57	9.74	-39.90	-1070.57	835.12
		-1405.48	-1070.57	3.45e-03	0.0	83.6	410.05	-11.16	9.74	-39.90	-256.04	695.65
						167.2	393.64	-41.36	9.74	-39.90	558.48	-1405.48
270	85	2172.83	890.96	0.05	-115.85	0.0	654.96	5.54	17.55	-109.63	-2043.97	2093.23
		-3994.32	-2043.97	4.43e-03	0.0	83.6	636.50	-28.42	17.55	-109.63	-576.50	1470.52
						167.2	591.99	-110.31	17.55	-109.63	890.96	-3994.32
270	86	941.22	558.48	0.02	-46.93	0.0	419.15	5.57	9.74	-39.90	-1070.57	835.12
		-1405.48	-1070.57	3.45e-03	0.0	83.6	410.05	-11.16	9.74	-39.90	-256.04	695.65
						167.2	393.64	-41.36	9.74	-39.90	558.48	-1405.48

270	90	1265.15	645.93	0.03	-64.80	0.0	484.63	5.50	11.80	-58.09	-1326.83	1167.86
		-2080.66	-1326.83	3.82e-03	0.0	83.6	473.11	-15.70	11.80	-58.09	-340.45	897.92
						167.2	449.41	-59.30	11.80	-58.09	645.93	-2080.66
270	91	941.22	558.48	0.02	-46.93	0.0	419.15	5.57	9.74	-39.90	-1070.57	835.12
		-1405.48	-1070.57	3.45e-03	0.0	83.6	410.05	-11.16	9.74	-39.90	-256.04	695.65
						167.2	393.64	-41.36	9.74	-39.90	558.48	-1405.48
270	92	1086.74	597.77	0.02	-54.60	0.0	453.50	5.45	10.67	-47.87	-1186.03	987.22
		-1700.62	-1186.03	3.78e-03	0.0	83.6	443.37	-13.19	10.67	-47.87	-294.13	784.32
						167.2	423.83	-49.14	10.67	-47.87	597.77	-1700.62
271	5	1048.34	2861.64	0.03	-46.15	0.0	-65.69	33.06	24.01	50.63	-1071.84	-370.74
		-370.74	-1071.84	-8.03e-03	0.0	81.9	-49.22	3.32	24.01	50.63	894.90	1028.72
						163.9	-40.12	-13.09	24.01	50.63	2861.64	537.73
271	11	5411.85	9900.26	0.07	-192.58	0.0	-1166.11	150.60	76.86	312.10	-2693.22	-767.79
		-767.79	-2693.22	-0.02	0.0	81.9	-1089.59	12.51	76.86	312.10	3603.52	5343.15
						163.9	-1059.40	-41.97	76.86	312.10	9900.26	3565.17
271	27	1485.08	3987.07	0.03	-60.21	0.0	16.72	47.84	33.56	79.37	-1512.83	-703.76
		-703.76	-1512.83	-0.01	0.0	81.9	39.05	7.56	33.56	79.37	1237.12	1407.75
						163.9	50.09	-12.37	33.56	79.37	3987.07	1052.64
271	39	1214.67	3804.47	0.04	-60.21	0.0	239.09	48.25	32.27	81.59	-1484.64	-949.50
		-949.50	-1484.64	-9.60e-03	0.0	81.9	261.41	7.97	32.27	81.59	1159.91	1142.28
						163.9	272.45	-11.96	32.27	81.59	3804.47	767.43
271	42	1740.03	3375.97	0.03	-60.21	0.0	-600.97	40.26	26.81	69.90	-1016.97	158.69
		158.69	-1016.97	-8.88e-03	0.0	81.9	-578.65	-0.03	26.81	69.90	1179.50	1740.03
						163.9	-567.61	-19.95	26.81	69.90	3375.97	854.74
271	44	1777.78	3572.00	0.03	-60.21	0.0	-552.25	41.80	28.74	71.69	-1136.52	62.11
		62.11	-1136.52	-9.99e-03	0.0	81.9	-529.93	1.52	28.74	71.69	1217.74	1771.72
						163.9	-518.89	-18.41	28.74	71.69	3572.00	1014.69
271	59	1494.74	4094.38	0.03	-60.21	0.0	70.14	48.81	34.65	80.35	-1583.64	-787.10
		-787.10	-1583.64	-0.01	0.0	81.9	92.46	8.53	34.65	80.35	1255.37	1398.81
						163.9	103.50	-11.40	34.65	80.35	4094.38	1118.09
271	71	1151.15	3862.42	0.04	-60.21	0.0	352.60	49.33	33.01	83.17	-1547.83	-1099.25
		-1099.25	-1547.83	-9.70e-03	0.0	81.9	374.92	9.05	33.01	83.17	1157.29	1061.51
						163.9	385.96	-10.88	33.01	83.17	3862.42	755.65
271	74	1820.79	3318.02	0.03	-60.21	0.0	-714.48	39.18	26.08	68.32	-953.78	308.43
		308.43	-953.78	-8.79e-03	0.0	81.9	-692.16	-1.11	26.08	68.32	1182.12	1820.79
						163.9	-681.12	-21.03	26.08	68.32	3318.02	866.53
271	76	1862.85	3567.03	0.03	-60.21	0.0	-652.60	41.14	28.52	70.60	-1105.63	185.76
		185.76	-1105.63	-0.01	0.0	81.9	-630.28	0.86	28.52	70.60	1230.70	1861.07
						163.9	-619.24	-19.07	28.52	70.60	3567.03	1069.75
271	79	1197.92	3122.53	0.03	-51.20	0.0	-105.97	37.09	25.98	59.61	-1135.09	-380.02
		-380.02	-1135.09	-8.48e-03	0.0	81.9	-87.39	3.57	25.98	59.61	993.72	1177.34
						163.9	-77.60	-14.11	25.98	59.61	3122.53	637.42
271	85	3667.90	6842.58	0.05	-131.84	0.0	-764.69	102.66	53.38	210.03	-1904.66	-556.34
		-556.34	-1904.66	-0.01	0.0	81.9	-712.60	8.65	53.38	210.03	2468.96	3620.00
						163.9	-691.63	-29.19	53.38	210.03	6842.58	2395.31
271	86	1197.92	3122.53	0.03	-51.20	0.0	-105.97	37.09	25.98	59.61	-1135.09	-380.02
		-380.02	-1135.09	-8.48e-03	0.0	81.9	-87.39	3.57	25.98	59.61	993.72	1177.34
						163.9	-77.60	-14.11	25.98	59.61	3122.53	637.42
271	90	1833.34	4115.97	0.04	-72.13	0.0	-277.70	54.02	33.36	98.30	-1350.72	-423.49
		-423.49	-1350.72	-0.01	0.0	81.9	-250.42	4.80	33.36	98.30	1382.63	1806.57
						163.9	-237.73	-18.11	33.36	98.30	4115.97	1081.62
271	91	1197.92	3122.53	0.03	-51.20	0.0	-105.97	37.09	25.98	59.61	-1135.09	-380.02
		-380.02	-1135.09	-8.48e-03	0.0	81.9	-87.39	3.57	25.98	59.61	993.72	1177.34
						163.9	-77.60	-14.11	25.98	59.61	3122.53	637.42
271	92	1463.09	3590.22	0.03	-60.21	0.0	-180.94	44.25	29.54	75.74	-1250.81	-395.41
		-395.41	-1250.81	-9.24e-03	0.0	81.9	-158.62	3.97	29.54	75.74	1169.71	1441.15
						163.9	-147.58	-15.96	29.54	75.74	3590.22	811.09
272	5	1516.01	1333.48	0.02	-43.46	0.0	-240.35	23.58	-24.86	-35.80	1333.48	773.02
		422.58	-2739.42	3.18e-03	0.0	81.9	-224.99	-4.13	-24.86	-35.80	-702.97	1487.89
						163.9	-216.27	-19.87	-24.86	-35.80	-2739.42	422.58
272	11	7391.62	3530.67	0.07	-175.69	0.0	-1382.81	129.21	-79.02	-237.41	3530.67	2457.04
		2457.04	-9416.75	0.01	0.0	81.9	-1313.31	3.78	-79.02	-237.41	-2943.04	7391.62
						163.9	-1285.46	-46.48	-79.02	-237.41	-9416.75	5128.98
272	20	2114.81	1869.36	0.03	-56.10	0.0	-228.17	35.05	-34.86	-61.06	1869.36	883.55
		883.55	-3843.51	4.38e-03	0.0	81.9	-207.56	-2.15	-34.86	-61.06	-987.07	2111.93
						163.9	-197.09	-21.05	-34.86	-61.06	-3843.51	1042.14
272	22	1968.24	1494.37	0.03	-56.10	0.0	-264.62	31.80	-28.46	-56.57	1494.37	973.52
		591.45	-3167.68	4.79e-03	0.0	81.9	-244.01	-5.40	-28.46	-56.57	-836.66	1931.57
						163.9	-233.54	-24.30	-28.46	-56.57	-3167.68	591.45
272	39	2249.79	1315.58	0.02	-56.10	0.0	-712.85	34.76	-28.20	-45.15	1315.58	1054.76
		1054.76	-3305.70	3.73e-03	0.0	81.9	-692.24	-2.44	-28.20	-45.15	-995.06	2241.74
						163.9	-681.76	-21.34	-28.20	-45.15	-3305.70	1130.55
272	44	1959.39	1968.16	0.04	-56.10	0.0	18.02	33.40	-34.95	-67.39	1968.16	839.60
		743.40	-3758.81	5.16e-03	0.0	81.9	38.63	-3.80	-34.95	-67.39	-895.32	1940.58
						163.9	49.10	-22.70	-34.95	-67.39	-3758.81	743.40
272	45	2209.64	1200.55	0.02	-56.10	0.0	-728.62	33.84	-26.33	-43.62	1200.55	1081.96
		1003.79	-3113.33	3.67e-03	0.0	81.9	-708.01	-3.36	-26.33	-43.62	-956.39	2191.96

							163.9	-697.53	-22.26	-26.33	-43.62	-3113.33	1003.79
272	52	2124.29	1946.39	0.03	-56.10	0.0	0.0	-193.78	35.43	-36.00	-62.55	1946.39	862.73
		862.73	-3953.61	4.37e-03	0.0	81.9	-173.17	-1.77	-36.00	-62.55	-1003.61	2124.29	
						163.9	-162.69	-20.67	-36.00	-62.55	-3953.61	1087.68	
272	54	1939.60	1470.06	0.03	-56.10	0.0	0.0	-240.15	31.30	-27.87	-56.87	1470.06	976.91
		515.21	-3095.18	4.90e-03	0.0	81.9	-219.54	-5.90	-27.87	-56.87	-812.56	1895.14	
						163.9	-209.07	-24.80	-27.87	-56.87	-3095.18	515.21	
272	71	2294.47	1242.92	0.02	-56.10	0.0	0.0	-809.46	35.07	-27.54	-42.35	1242.92	1080.18
		1080.18	-3270.43	3.57e-03	0.0	81.9	-788.85	-2.13	-27.54	-42.35	-1013.75	2289.17	
						163.9	-778.38	-21.03	-27.54	-42.35	-3270.43	1199.99	
272	76	1925.60	2071.91	0.04	-56.10	0.0	0.0	118.92	33.34	-36.11	-70.60	2071.91	806.86
		708.27	-3846.08	5.36e-03	0.0	81.9	139.53	-3.86	-36.11	-70.60	-887.08	1906.65	
						163.9	150.00	-22.76	-36.11	-70.60	-3846.08	708.27	
272	77	2243.42	1096.80	0.02	-56.10	0.0	0.0	-829.52	33.90	-25.16	-40.41	1096.80	1114.70
		1038.92	-3026.07	3.49e-03	0.0	81.9	-808.91	-3.30	-25.16	-40.41	-964.63	2225.89	
						163.9	-798.43	-22.21	-25.16	-40.41	-3026.07	1038.92	
272	79	1719.74	1423.21	0.03	-48.00	0.0	0.0	-281.14	27.20	-26.93	-42.83	1423.21	839.02
		585.48	-2989.12	3.63e-03	0.0	81.9	-263.90	-3.92	-26.93	-42.83	-782.96	1695.31	
						163.9	-254.55	-20.80	-26.93	-42.83	-2989.12	585.48	
272	85	5015.50	2483.72	0.05	-120.50	0.0	0.0	-932.16	87.35	-54.89	-159.30	2483.72	1705.90
		1705.90	-6509.91	9.60e-03	0.0	81.9	-884.79	1.85	-54.89	-159.30	-2013.10	5015.50	
						163.9	-865.39	-33.15	-54.89	-159.30	-6509.91	3388.78	
272	86	1719.74	1423.21	0.03	-48.00	0.0	0.0	-281.14	27.20	-26.93	-42.83	1423.21	839.02
		585.48	-2989.12	3.63e-03	0.0	81.9	-263.90	-3.92	-26.93	-42.83	-782.96	1695.31	
						163.9	-254.55	-20.80	-26.93	-42.83	-2989.12	585.48	
272	90	2561.66	1721.26	0.03	-66.82	0.0	0.0	-450.90	42.65	-34.50	-72.88	1721.26	1077.33
		1077.33	-3931.65	5.23e-03	0.0	81.9	-425.83	-2.59	-34.50	-72.88	-1105.20	2557.20	
						163.9	-413.87	-24.17	-34.50	-72.88	-3931.65	1299.80	
272	91	1719.74	1423.21	0.03	-48.00	0.0	0.0	-281.14	27.20	-26.93	-42.83	1423.21	839.02
		585.48	-2989.12	3.63e-03	0.0	81.9	-263.90	-3.92	-26.93	-42.83	-782.96	1695.31	
						163.9	-254.55	-20.80	-26.93	-42.83	-2989.12	585.48	
272	92	2084.51	1584.36	0.03	-56.10	0.0	0.0	-355.30	33.62	-30.64	-55.51	1584.36	960.78
		873.60	-3436.07	4.39e-03	0.0	81.9	-334.69	-3.58	-30.64	-55.51	-925.86	2066.27	
						163.9	-324.22	-22.48	-30.64	-55.51	-3436.07	873.60	
273	1	4383.31	0.0	0.02	-150.70	0.0	0.0	-411.00	69.98	0.0	-3.16	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-462.75	3.24	0.0	-3.16	0.0	4383.31	
						223.8	-527.86	-80.72	0.0	-3.16	0.0	0.0	0.0
273	5	2694.25	0.0	0.02	-92.86	0.0	0.0	-259.30	43.33	0.0	0.43	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-291.46	1.87	0.0	0.43	0.0	2694.25	
						223.8	-331.31	-49.53	0.0	0.43	0.0	0.0	0.0
273	9	1.117e+04	0.0	0.06	-381.76	0.0	0.0	-985.46	175.11	0.0	-35.48	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-1113.86	9.51	0.0	-35.48	0.0	1.117e+04	
						223.8	-1281.48	-206.65	0.0	-35.48	0.0	0.0	0.0
273	11	1.356e+04	0.0	0.07	-463.23	0.0	0.0	-1184.67	212.18	0.0	-45.03	0.0	0.0
		0.0	0.0	0.04	0.0	111.9	-1340.11	11.72	0.0	-45.03	0.0	1.356e+04	
						223.8	-1543.86	-251.06	0.0	-45.03	0.0	0.0	0.0
273	15	3761.04	0.0	0.02	-129.18	0.0	0.0	-332.07	59.86	0.0	1.50	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-376.27	2.85	0.0	1.50	0.0	3761.04	
						223.8	-432.23	-69.32	0.0	1.50	0.0	0.0	0.0
273	25	3761.04	0.0	0.02	-129.18	0.0	0.0	-371.11	59.86	0.0	-3.42	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-415.31	2.85	0.0	-3.42	0.0	3761.04	
						223.8	-471.27	-69.32	0.0	-3.42	0.0	0.0	0.0
273	28	3761.04	0.0	0.02	-129.18	0.0	0.0	-325.60	59.86	0.0	-4.07	0.0	0.0
		0.0	0.0	0.01	0.0	111.9	-369.80	2.85	0.0	-4.07	0.0	3761.04	
						223.8	-425.76	-69.32	0.0	-4.07	0.0	0.0	0.0
273	29	3761.04	0.0	0.02	-129.18	0.0	0.0	-371.11	59.86	0.0	-3.77	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-415.31	2.85	0.0	-3.77	0.0	3761.04	
						223.8	-471.27	-69.32	0.0	-3.77	0.0	0.0	0.0
273	33	3761.04	0.0	-0.02	-129.18	0.0	0.0	-357.00	59.86	0.0	1.42	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-401.20	2.85	0.0	1.42	0.0	3761.04	
						223.8	-457.16	-69.32	0.0	1.42	0.0	0.0	0.0
273	43	3761.04	0.0	-0.02	-129.18	0.0	0.0	-345.31	59.86	0.0	1.75	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-389.51	2.85	0.0	1.75	0.0	3761.04	
						223.8	-445.47	-69.32	0.0	1.75	0.0	0.0	0.0
273	47	3761.04	0.0	0.02	-129.18	0.0	0.0	-327.67	59.86	0.0	2.96	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-371.87	2.85	0.0	2.96	0.0	3761.04	
						223.8	-427.83	-69.32	0.0	2.96	0.0	0.0	0.0
273	57	3761.04	0.0	0.02	-129.18	0.0	0.0	-377.26	59.86	0.0	-3.29	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-421.46	2.85	0.0	-3.29	0.0	3761.04	
						223.8	-477.43	-69.32	0.0	-3.29	0.0	0.0	0.0
273	60	3761.04	0.0	0.02	-129.18	0.0	0.0	-319.44	59.86	0.0	-4.11	0.0	0.0
		0.0	0.0	0.01	0.0	111.9	-363.64	2.85	0.0	-4.11	0.0	3761.04	
						223.8	-419.60	-69.32	0.0	-4.11	0.0	0.0	0.0
273	61	3761.04	0.0	0.02	-129.18	0.0	0.0	-377.27	59.86	0.0	-3.73	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-421.47	2.85	0.0	-3.73	0.0	3761.04	
						223.8	-477.43	-69.32	0.0	-3.73	0.0	0.0	0.0
273	65	3761.04	0.0	-0.02	-129.18	0.0	0.0	-359.34	59.86	0.0	2.86	0.0	0.0

		0.0	0.0	0.03	0.0	111.9	-403.54	2.85	0.0	2.86	0.0	3761.04
						223.8	-459.50	-69.32	0.0	2.86	0.0	0.0
273	75	3761.04	0.0	-0.02	-129.18	0.0	-344.49	59.86	0.0	3.28	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-388.69	2.85	0.0	3.28	0.0	3761.04
						223.8	-444.65	-69.32	0.0	3.28	0.0	0.0
273	79	3077.20	0.0	0.02	-105.90	0.0	-291.44	49.27	0.0	-1.19	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-327.92	2.22	0.0	-1.19	0.0	3077.20
						223.8	-373.55	-56.63	0.0	-1.19	0.0	0.0
273	83	7602.22	0.0	0.04	-259.93	0.0	-674.41	119.35	0.0	-22.73	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-761.99	6.40	0.0	-22.73	0.0	7602.22
						223.8	-875.96	-140.58	0.0	-22.73	0.0	0.0
273	85	9197.85	0.0	0.05	-314.25	0.0	-807.21	144.07	0.0	-29.10	0.0	0.0
		0.0	0.0	0.03	0.0	111.9	-912.82	7.87	0.0	-29.10	0.0	9197.85
						223.8	-1050.89	-170.18	0.0	-29.10	0.0	0.0
273	86	3077.20	0.0	0.02	-105.90	0.0	-291.44	49.27	0.0	-1.19	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-327.92	2.22	0.0	-1.19	0.0	3077.20
						223.8	-373.55	-56.63	0.0	-1.19	0.0	0.0
273	88	3982.20	0.0	0.02	-136.70	0.0	-368.03	63.28	0.0	-5.50	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-414.73	3.06	0.0	-5.50	0.0	3982.20
						223.8	-474.03	-73.42	0.0	-5.50	0.0	0.0
273	90	4666.04	0.0	0.03	-159.98	0.0	-424.95	73.88	0.0	-8.22	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-479.37	3.69	0.0	-8.22	0.0	4666.04
						223.8	-549.00	-86.11	0.0	-8.22	0.0	0.0
273	91	3077.20	0.0	0.02	-105.90	0.0	-291.44	49.27	0.0	-1.19	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-327.92	2.22	0.0	-1.19	0.0	3077.20
						223.8	-373.55	-56.63	0.0	-1.19	0.0	0.0
273	92	3761.04	0.0	0.02	-129.18	0.0	-348.35	59.86	0.0	-3.92	0.0	0.0
		0.0	0.0	0.02	0.0	111.9	-392.56	2.85	0.0	-3.92	0.0	3761.04
						223.8	-448.52	-69.32	0.0	-3.92	0.0	0.0
274	3	7587.86	0.0	-0.06	-262.78	0.0	-941.03	143.50	0.0	86.61	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-823.46	-6.85	0.0	86.61	0.0	7587.86
						223.4	-735.55	-119.28	0.0	86.61	0.0	0.0
274	5	2628.55	0.0	-0.02	-91.52	0.0	-347.77	49.29	0.0	32.66	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-307.66	-2.00	0.0	32.66	0.0	2628.55
						223.4	-276.21	-42.23	0.0	32.66	0.0	0.0
274	11	1.318e+04	0.0	-0.10	-455.46	0.0	-1587.13	249.91	0.0	132.62	0.0	0.0
		0.0	0.0	7.18e-03	0.0	111.7	-1381.91	-12.55	0.0	132.62	0.0	1.318e+04
						223.4	-1231.00	-205.55	0.0	132.62	0.0	0.0
274	20	3663.28	0.0	-0.03	-127.20	0.0	-485.23	69.00	0.0	46.33	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-428.89	-3.05	0.0	46.33	0.0	3663.28
						223.4	-385.77	-58.20	0.0	46.33	0.0	0.0
274	23	3663.28	0.0	-0.03	-127.20	0.0	-500.10	69.00	0.0	41.25	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-443.76	-3.05	0.0	41.25	0.0	3663.28
						223.4	-400.64	-58.20	0.0	41.25	0.0	0.0
274	25	3663.28	0.0	-0.03	-127.20	0.0	-449.62	69.00	0.0	42.35	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-393.28	-3.05	0.0	42.35	0.0	3663.28
						223.4	-350.16	-58.20	0.0	42.35	0.0	0.0
274	26	3663.28	0.0	-0.03	-127.20	0.0	-437.96	69.00	0.0	45.92	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-381.62	-3.05	0.0	45.92	0.0	3663.28
						223.4	-338.50	-58.20	0.0	45.92	0.0	0.0
274	31	3663.28	0.0	-0.02	-127.20	0.0	-495.06	69.00	0.0	37.93	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-438.73	-3.05	0.0	37.93	0.0	3663.28
						223.4	-395.61	-58.20	0.0	37.93	0.0	0.0
274	36	3663.28	0.0	-0.04	-127.20	0.0	-457.18	69.00	0.0	49.38	0.0	0.0
		0.0	0.0	5.62e-03	0.0	111.7	-400.84	-3.05	0.0	49.38	0.0	3663.28
						223.4	-357.72	-58.20	0.0	49.38	0.0	0.0
274	52	3663.28	0.0	-0.03	-127.20	0.0	-489.60	69.00	0.0	47.07	0.0	0.0
		0.0	0.0	9.53e-03	0.0	111.7	-433.27	-3.05	0.0	47.07	0.0	3663.28
						223.4	-390.15	-58.20	0.0	47.07	0.0	0.0
274	55	3663.28	0.0	-0.03	-127.20	0.0	-508.50	69.00	0.0	40.62	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-452.16	-3.05	0.0	40.62	0.0	3663.28
						223.4	-409.04	-58.20	0.0	40.62	0.0	0.0
274	57	3663.28	0.0	-0.02	-127.20	0.0	-444.37	69.00	0.0	42.01	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-388.03	-3.05	0.0	42.01	0.0	3663.28
						223.4	-344.91	-58.20	0.0	42.01	0.0	0.0
274	58	3663.28	0.0	-0.03	-127.20	0.0	-429.56	69.00	0.0	46.55	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-373.23	-3.05	0.0	46.55	0.0	3663.28
						223.4	-330.10	-58.20	0.0	46.55	0.0	0.0
274	63	3663.28	0.0	-0.02	-127.20	0.0	-502.10	69.00	0.0	36.40	0.0	0.0
		0.0	0.0	0.03	0.0	111.7	-445.76	-3.05	0.0	36.40	0.0	3663.28
						223.4	-402.64	-58.20	0.0	36.40	0.0	0.0
274	68	3663.28	0.0	-0.04	-127.20	0.0	-453.97	69.00	0.0	50.94	0.0	0.0
		0.0	0.0	3.09e-03	0.0	111.7	-397.64	-3.05	0.0	50.94	0.0	3663.28
						223.4	-354.52	-58.20	0.0	50.94	0.0	0.0
274	79	2999.99	0.0	-0.02	-104.33	0.0	-391.24	56.37	0.0	36.55	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-345.31	-2.38	0.0	36.55	0.0	2999.99
						223.4	-309.67	-47.96	0.0	36.55	0.0	0.0

274	81	5210.95	0.0	-0.04	-180.56	0.0	-650.53	98.47	0.0	60.02	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-569.92	-4.63	0.0	60.02	0.0	5210.95
						223.4	-509.35	-82.09	0.0	60.02	0.0	0.0
274	85	8936.66	0.0	-0.07	-309.01	0.0	-1081.27	169.41	0.0	90.69	0.0	0.0
		0.0	0.0	6.88e-03	0.0	111.7	-942.22	-8.43	0.0	90.69	0.0	8936.66
						223.4	-839.65	-139.61	0.0	90.69	0.0	0.0
274	86	2999.99	0.0	-0.02	-104.33	0.0	-391.24	56.37	0.0	36.55	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-345.31	-2.38	0.0	36.55	0.0	2999.99
						223.4	-309.67	-47.96	0.0	36.55	0.0	0.0
274	87	4105.47	0.0	-0.03	-142.44	0.0	-520.89	77.42	0.0	48.28	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-457.62	-3.50	0.0	48.28	0.0	4105.47
						223.4	-409.51	-65.03	0.0	48.28	0.0	0.0
274	90	4541.08	0.0	-0.04	-157.46	0.0	-570.74	85.71	0.0	51.13	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-500.63	-3.95	0.0	51.13	0.0	4541.08
						223.4	-447.61	-71.75	0.0	51.13	0.0	0.0
274	91	2999.99	0.0	-0.02	-104.33	0.0	-391.24	56.37	0.0	36.55	0.0	0.0
		0.0	0.0	0.02	0.0	111.7	-345.31	-2.38	0.0	36.55	0.0	2999.99
						223.4	-309.67	-47.96	0.0	36.55	0.0	0.0
274	92	3663.28	0.0	-0.03	-127.20	0.0	-469.03	69.00	0.0	43.59	0.0	0.0
		0.0	0.0	0.01	0.0	111.7	-412.69	-3.05	0.0	43.59	0.0	3663.28
						223.4	-369.57	-58.20	0.0	43.59	0.0	0.0
275	3	7940.34	0.0	0.06	-270.85	0.0	-825.62	123.93	0.0	29.93	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-915.39	6.75	0.0	29.93	0.0	7940.34
						225.5	-1033.12	-146.92	0.0	29.93	0.0	0.0
275	5	2742.74	0.0	0.03	-94.14	0.0	-303.23	43.72	0.0	7.83	0.0	0.0
		0.0	0.0	-0.01	0.0	112.8	-335.21	1.97	0.0	7.83	0.0	2742.74
						225.5	-375.34	-50.42	0.0	7.83	0.0	0.0
275	7	6221.41	0.0	0.04	-212.20	0.0	-645.69	97.07	0.0	23.36	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-715.99	5.30	0.0	23.36	0.0	6221.41
						225.5	-808.25	-115.13	0.0	23.36	0.0	0.0
275	9	1.137e+04	0.0	0.07	-387.16	0.0	-1175.62	176.50	0.0	51.51	0.0	0.0
		0.0	0.0	-0.04	0.0	112.8	-1303.15	10.03	0.0	51.51	0.0	1.137e+04
						225.5	-1472.22	-210.66	0.0	51.51	0.0	0.0
275	11	1.380e+04	0.0	0.08	-469.80	0.0	-1415.34	213.85	0.0	62.38	0.0	0.0
		0.0	0.0	-0.05	0.0	112.8	-1569.70	12.36	0.0	62.38	0.0	1.380e+04
						225.5	-1775.26	-255.96	0.0	62.38	0.0	0.0
275	15	3828.09	0.0	0.04	-130.97	0.0	-381.82	60.36	0.0	12.98	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-425.76	3.01	0.0	12.98	0.0	3828.09
						225.5	-482.15	-70.61	0.0	12.98	0.0	0.0
275	18	3828.09	0.0	0.03	-130.97	0.0	-438.98	60.36	0.0	12.56	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-482.92	3.01	0.0	12.56	0.0	3828.09
						225.5	-539.32	-70.61	0.0	12.56	0.0	0.0
275	40	3828.09	0.0	0.03	-130.97	0.0	-406.10	60.36	0.0	8.56	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-450.04	3.01	0.0	8.56	0.0	3828.09
						225.5	-506.44	-70.61	0.0	8.56	0.0	0.0
275	43	3828.09	0.0	0.04	-130.97	0.0	-399.71	60.36	0.0	16.03	0.0	0.0
		0.0	0.0	-7.85e-03	0.0	112.8	-443.65	3.01	0.0	16.03	0.0	3828.09
						225.5	-500.05	-70.61	0.0	16.03	0.0	0.0
275	46	3828.09	0.0	0.03	-130.97	0.0	-421.08	60.36	0.0	9.51	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-465.02	3.01	0.0	9.51	0.0	3828.09
						225.5	-521.42	-70.61	0.0	9.51	0.0	0.0
275	47	3828.09	0.0	0.04	-130.97	0.0	-374.09	60.36	0.0	13.05	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-418.03	3.01	0.0	13.05	0.0	3828.09
						225.5	-474.43	-70.61	0.0	13.05	0.0	0.0
275	50	3828.09	0.0	0.03	-130.97	0.0	-446.70	60.36	0.0	12.50	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-490.64	3.01	0.0	12.50	0.0	3828.09
						225.5	-547.04	-70.61	0.0	12.50	0.0	0.0
275	72	3828.09	0.0	0.02	-130.97	0.0	-404.94	60.36	0.0	7.42	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-448.87	3.01	0.0	7.42	0.0	3828.09
						225.5	-505.27	-70.61	0.0	7.42	0.0	0.0
275	75	3828.09	0.0	0.04	-130.97	0.0	-396.83	60.36	0.0	16.92	0.0	0.0
		0.0	0.0	-5.04e-03	0.0	112.8	-440.77	3.01	0.0	16.92	0.0	3828.09
						225.5	-497.17	-70.61	0.0	16.92	0.0	0.0
275	78	3828.09	0.0	0.02	-130.97	0.0	-423.97	60.36	0.0	8.63	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-467.91	3.01	0.0	8.63	0.0	3828.09
						225.5	-524.31	-70.61	0.0	8.63	0.0	0.0
275	79	3132.35	0.0	0.03	-107.36	0.0	-341.91	49.69	0.0	9.67	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-378.18	2.34	0.0	9.67	0.0	3132.35
						225.5	-424.15	-57.67	0.0	9.67	0.0	0.0
275	81	5451.46	0.0	0.04	-186.07	0.0	-570.21	85.26	0.0	20.02	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-632.04	4.56	0.0	20.02	0.0	5451.46
						225.5	-712.76	-100.81	0.0	20.02	0.0	0.0
275	83	7736.06	0.0	0.05	-263.60	0.0	-803.55	120.31	0.0	34.41	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-890.54	6.75	0.0	34.41	0.0	7736.06
						225.5	-1005.49	-143.30	0.0	34.41	0.0	0.0
275	85	9359.44	0.0	0.06	-318.70	0.0	-963.36	145.21	0.0	41.65	0.0	0.0
		0.0	0.0	-0.03	0.0	112.8	-1068.24	8.31	0.0	41.65	0.0	9359.44

						225.5	-1207.52	-173.49	0.0	41.65	0.0	0.0
275	86	3132.35	0.0	0.03	-107.36	0.0	-341.91	49.69	0.0	9.67	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-378.18	2.34	0.0	9.67	0.0	3132.35
						225.5	-424.15	-57.67	0.0	9.67	0.0	0.0
275	87	4291.91	0.0	0.04	-146.71	0.0	-456.06	67.48	0.0	14.84	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-505.11	3.45	0.0	14.84	0.0	4291.91
						225.5	-568.46	-79.24	0.0	14.84	0.0	0.0
275	88	4053.09	0.0	0.03	-138.61	0.0	-434.23	63.81	0.0	14.61	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-480.65	3.22	0.0	14.61	0.0	4053.09
						225.5	-540.42	-74.80	0.0	14.61	0.0	0.0
275	90	4748.83	0.0	0.04	-162.22	0.0	-502.73	74.49	0.0	17.72	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-556.81	3.89	0.0	17.72	0.0	4748.83
						225.5	-627.00	-87.74	0.0	17.72	0.0	0.0
275	91	3132.35	0.0	0.03	-107.36	0.0	-341.91	49.69	0.0	9.67	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-378.18	2.34	0.0	9.67	0.0	3132.35
						225.5	-424.15	-57.67	0.0	9.67	0.0	0.0
275	92	3828.09	0.0	0.03	-130.97	0.0	-410.40	60.36	0.0	12.77	0.0	0.0
		0.0	0.0	-0.02	0.0	112.8	-454.34	3.01	0.0	12.77	0.0	3828.09
						225.5	-510.74	-70.61	0.0	12.77	0.0	0.0
276	1	4262.55	0.0	0.04	-142.87	0.0	-353.86	66.71	0.0	-53.49	0.0	0.0
		0.0	0.0	-5.13e-03	0.0	114.6	-401.51	2.91	0.0	-53.49	0.0	4262.55
						229.2	-460.55	-76.15	0.0	-53.49	0.0	0.0
276	5	2635.39	0.0	0.03	-88.58	0.0	-219.27	41.57	0.0	-33.95	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	114.6	-249.06	1.67	0.0	-33.95	0.0	2635.39
						229.2	-285.42	-47.01	0.0	-33.95	0.0	0.0
276	11	1.306e+04	0.0	0.10	-434.44	0.0	-1084.65	200.03	0.0	-150.85	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-1226.13	10.59	0.0	-150.85	0.0	1.306e+04
						229.2	-1409.08	-234.40	0.0	-150.85	0.0	0.0
276	14	1.144e+04	0.0	0.08	-380.15	0.0	-950.05	174.89	0.0	-131.31	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-1073.67	9.35	0.0	-131.31	0.0	1.144e+04
						229.2	-1233.94	-205.26	0.0	-131.31	0.0	0.0
276	22	3648.59	0.0	0.04	-122.14	0.0	-314.05	56.92	0.0	-40.65	0.0	0.0
		0.0	0.0	-7.44e-03	0.0	114.6	-354.64	2.56	0.0	-40.65	0.0	3648.59
						229.2	-405.26	-65.23	0.0	-40.65	0.0	0.0
276	31	3648.59	0.0	0.03	-122.14	0.0	-285.24	56.92	0.0	-55.46	0.0	0.0
		0.0	0.0	7.15e-03	0.0	114.6	-325.84	2.56	0.0	-55.46	0.0	3648.59
						229.2	-376.46	-65.23	0.0	-55.46	0.0	0.0
276	34	3648.59	0.0	0.04	-122.14	0.0	-320.00	56.92	0.0	-35.01	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-360.60	2.56	0.0	-35.01	0.0	3648.59
						229.2	-411.22	-65.23	0.0	-35.01	0.0	0.0
276	39	3648.59	0.0	0.03	-122.14	0.0	-286.11	56.92	0.0	-53.89	0.0	0.0
		0.0	0.0	8.11e-03	0.0	114.6	-326.71	2.56	0.0	-53.89	0.0	3648.59
						229.2	-377.33	-65.23	0.0	-53.89	0.0	0.0
276	42	3648.59	0.0	0.04	-122.14	0.0	-319.13	56.92	0.0	-36.58	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-359.72	2.56	0.0	-36.58	0.0	3648.59
						229.2	-410.35	-65.23	0.0	-36.58	0.0	0.0
276	49	3648.59	0.0	0.04	-122.14	0.0	-305.84	56.92	0.0	-46.10	0.0	0.0
		0.0	0.0	1.20e-03	0.0	114.6	-346.44	2.56	0.0	-46.10	0.0	3648.59
						229.2	-397.06	-65.23	0.0	-46.10	0.0	0.0
276	63	3648.59	0.0	0.03	-122.14	0.0	-280.54	56.92	0.0	-58.22	0.0	0.0
		0.0	0.0	0.01	0.0	114.6	-321.14	2.56	0.0	-58.22	0.0	3648.59
						229.2	-371.76	-65.23	0.0	-58.22	0.0	0.0
276	66	3648.59	0.0	0.04	-122.14	0.0	-324.70	56.92	0.0	-32.25	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-365.29	2.56	0.0	-32.25	0.0	3648.59
						229.2	-415.92	-65.23	0.0	-32.25	0.0	0.0
276	71	3648.59	0.0	0.03	-122.14	0.0	-281.65	56.92	0.0	-56.23	0.0	0.0
		0.0	0.0	0.01	0.0	114.6	-322.25	2.56	0.0	-56.23	0.0	3648.59
						229.2	-372.87	-65.23	0.0	-56.23	0.0	0.0
276	74	3648.59	0.0	0.04	-122.14	0.0	-323.59	56.92	0.0	-34.24	0.0	0.0
		0.0	0.0	-0.02	0.0	114.6	-364.19	2.56	0.0	-34.24	0.0	3648.59
						229.2	-414.81	-65.23	0.0	-34.24	0.0	0.0
276	79	2999.10	0.0	0.03	-100.63	0.0	-249.19	47.08	0.0	-38.02	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	114.6	-282.86	1.99	0.0	-38.02	0.0	2999.10
						229.2	-324.33	-53.55	0.0	-38.02	0.0	0.0
276	85	8866.40	0.0	0.07	-295.01	0.0	-736.38	135.96	0.0	-102.93	0.0	0.0
		0.0	0.0	-0.01	0.0	114.6	-832.60	7.11	0.0	-102.93	0.0	8866.40
						229.2	-956.69	-159.05	0.0	-102.93	0.0	0.0
276	86	2999.10	0.0	0.03	-100.63	0.0	-249.19	47.08	0.0	-38.02	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	114.6	-282.86	1.99	0.0	-38.02	0.0	2999.10
						229.2	-324.33	-53.55	0.0	-38.02	0.0	0.0
276	88	3869.46	0.0	0.04	-129.46	0.0	-321.69	60.26	0.0	-47.63	0.0	0.0
		0.0	0.0	-5.02e-03	0.0	114.6	-364.64	2.75	0.0	-47.63	0.0	3869.46
						229.2	-418.37	-69.20	0.0	-47.63	0.0	0.0
276	90	4518.96	0.0	0.04	-150.98	0.0	-375.12	70.10	0.0	-54.85	0.0	0.0
		0.0	0.0	-6.04e-03	0.0	114.6	-425.00	3.32	0.0	-54.85	0.0	4518.96
						229.2	-487.87	-80.88	0.0	-54.85	0.0	0.0
276	91	2999.10	0.0	0.03	-100.63	0.0	-249.19	47.08	0.0	-38.02	0.0	0.0

		0.0	0.0	-3.46e-03	0.0	114.6	-282.86	1.99	0.0	-38.02	0.0	2999.10
						229.2	-324.33	-53.55	0.0	-38.02	0.0	0.0
276	92	3648.59	0.0	0.04	-122.14	0.0	-302.62	56.92	0.0	-45.23	0.0	0.0
		0.0	0.0	-4.48e-03	0.0	114.6	-343.22	2.56	0.0	-45.23	0.0	3648.59
						229.2	-393.84	-65.23	0.0	-45.23	0.0	0.0
277	1	4728.98	0.0	0.04	-160.17	0.0	-304.09	74.13	0.0	44.48	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-357.41	3.54	0.0	44.48	0.0	4728.98
						227.5	-425.09	-86.04	0.0	44.48	0.0	0.0
277	5	2900.73	0.0	0.03	-98.48	0.0	-188.49	45.81	0.0	27.24	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-221.55	2.04	0.0	27.24	0.0	2900.73
						227.5	-262.89	-52.67	0.0	27.24	0.0	0.0
277	11	1.481e+04	0.0	0.10	-498.44	0.0	-929.70	227.53	0.0	137.80	0.0	0.0
		0.0	0.0	0.03	0.0	113.8	-1091.83	12.91	0.0	137.80	0.0	1.481e+04
						227.5	-1306.24	-270.92	0.0	137.80	0.0	0.0
277	15	4061.08	0.0	0.04	-137.42	0.0	-260.93	63.47	0.0	31.71	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-306.52	3.12	0.0	31.71	0.0	4061.08
						227.5	-364.74	-73.95	0.0	31.71	0.0	0.0
277	23	4061.08	0.0	0.04	-137.42	0.0	-260.06	63.47	0.0	33.24	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-305.65	3.12	0.0	33.24	0.0	4061.08
						227.5	-363.87	-73.95	0.0	33.24	0.0	0.0
277	36	4061.08	0.0	0.03	-137.42	0.0	-246.15	63.47	0.0	47.62	0.0	0.0
		0.0	0.0	3.07e-03	0.0	113.8	-291.73	3.12	0.0	47.62	0.0	4061.08
						227.5	-349.96	-73.95	0.0	47.62	0.0	0.0
277	37	4061.08	0.0	0.04	-137.42	0.0	-273.73	63.47	0.0	28.79	0.0	0.0
		0.0	0.0	0.03	0.0	113.8	-319.31	3.12	0.0	28.79	0.0	4061.08
						227.5	-377.54	-73.95	0.0	28.79	0.0	0.0
277	39	4061.08	0.0	0.04	-137.42	0.0	-271.13	63.47	0.0	28.84	0.0	0.0
		0.0	0.0	0.03	0.0	113.8	-316.72	3.12	0.0	28.84	0.0	4061.08
						227.5	-374.94	-73.95	0.0	28.84	0.0	0.0
277	42	4061.08	0.0	0.04	-137.42	0.0	-248.74	63.47	0.0	47.57	0.0	0.0
		0.0	0.0	2.00e-03	0.0	113.8	-294.33	3.12	0.0	47.57	0.0	4061.08
						227.5	-352.55	-73.95	0.0	47.57	0.0	0.0
277	47	4061.08	0.0	0.04	-137.42	0.0	-261.21	63.47	0.0	29.95	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-306.79	3.12	0.0	29.95	0.0	4061.08
						227.5	-365.02	-73.95	0.0	29.95	0.0	0.0
277	55	4061.08	0.0	0.04	-137.42	0.0	-260.10	63.47	0.0	31.89	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-305.68	3.12	0.0	31.89	0.0	4061.08
						227.5	-363.91	-73.95	0.0	31.89	0.0	0.0
277	68	4061.08	0.0	0.03	-137.42	0.0	-242.42	63.47	0.0	50.16	0.0	0.0
		0.0	0.0	-5.11e-05	0.0	113.8	-288.01	3.12	0.0	50.16	0.0	4061.08
						227.5	-346.23	-73.95	0.0	50.16	0.0	0.0
277	69	4061.08	0.0	0.04	-137.42	0.0	-277.45	63.47	0.0	26.25	0.0	0.0
		0.0	0.0	0.03	0.0	113.8	-323.04	3.12	0.0	26.25	0.0	4061.08
						227.5	-381.26	-73.95	0.0	26.25	0.0	0.0
277	71	4061.08	0.0	0.04	-137.42	0.0	-274.16	63.47	0.0	26.31	0.0	0.0
		0.0	0.0	0.03	0.0	113.8	-319.75	3.12	0.0	26.31	0.0	4061.08
						227.5	-377.97	-73.95	0.0	26.31	0.0	0.0
277	74	4061.08	0.0	0.04	-137.42	0.0	-245.71	63.47	0.0	50.10	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	113.8	-291.30	3.12	0.0	50.10	0.0	4061.08
						227.5	-349.52	-73.95	0.0	50.10	0.0	0.0
277	79	3317.27	0.0	0.03	-112.46	0.0	-214.17	52.15	0.0	31.18	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-251.72	2.43	0.0	31.18	0.0	3317.27
						227.5	-299.12	-60.31	0.0	31.18	0.0	0.0
277	85	1.004e+04	0.0	0.07	-337.97	0.0	-631.24	154.41	0.0	93.40	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-741.34	8.67	0.0	93.40	0.0	1.004e+04
						227.5	-886.55	-183.56	0.0	93.40	0.0	0.0
277	86	3317.27	0.0	0.03	-112.46	0.0	-214.17	52.15	0.0	31.18	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-251.72	2.43	0.0	31.18	0.0	3317.27
						227.5	-299.12	-60.31	0.0	31.18	0.0	0.0
277	90	5057.84	0.0	0.04	-170.87	0.0	-321.99	78.64	0.0	47.37	0.0	0.0
		0.0	0.0	0.02	0.0	113.8	-378.34	4.05	0.0	47.37	0.0	5057.84
						227.5	-451.07	-92.24	0.0	47.37	0.0	0.0
277	91	3317.27	0.0	0.03	-112.46	0.0	-214.17	52.15	0.0	31.18	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-251.72	2.43	0.0	31.18	0.0	3317.27
						227.5	-299.12	-60.31	0.0	31.18	0.0	0.0
277	92	4061.08	0.0	0.04	-137.42	0.0	-259.94	63.47	0.0	38.21	0.0	0.0
		0.0	0.0	0.01	0.0	113.8	-305.52	3.12	0.0	38.21	0.0	4061.08
						227.5	-363.75	-73.95	0.0	38.21	0.0	0.0
278	1	4680.57	0.0	0.03	-164.78	0.0	-484.54	90.61	0.0	57.02	0.0	0.0
		0.0	0.0	7.09e-03	0.0	111.4	-409.93	-4.40	0.0	57.02	0.0	4680.57
						222.8	-355.15	-74.17	0.0	57.02	0.0	0.0
278	4	1.209e+04	0.0	-0.06	-424.41	0.0	-1205.07	236.38	0.0	119.32	0.0	0.0
		0.0	0.0	0.02	0.0	111.4	-1009.30	-12.95	0.0	119.32	0.0	1.209e+04
						222.8	-871.83	-188.03	0.0	119.32	0.0	0.0
278	5	2863.12	0.0	0.02	-100.92	0.0	-301.32	55.19	0.0	37.45	0.0	0.0
		0.0	0.0	4.09e-03	0.0	111.4	-255.99	-2.54	0.0	37.45	0.0	2863.12
						222.8	-222.09	-45.72	0.0	37.45	0.0	0.0

278	11	1.466e+04	0.0	-0.08	-514.52	0.0	-1457.11	286.97	0.0	140.71	0.0	0.0
		0.0	0.0	0.02	0.0	111.4	-1219.29	-15.91	0.0	140.71	0.0	1.466e+04
						222.8	-1053.12	-227.55	0.0	140.71	0.0	0.0
278	15	4024.05	0.0	0.03	-141.60	0.0	-415.76	78.04	0.0	58.69	0.0	0.0
		0.0	0.0	3.98e-03	0.0	111.4	-351.44	-3.88	0.0	58.69	0.0	4024.05
						222.8	-304.58	-63.56	0.0	58.69	0.0	0.0
278	20	4024.05	0.0	0.02	-141.60	0.0	-419.72	78.04	0.0	47.31	0.0	0.0
		0.0	0.0	4.77e-03	0.0	111.4	-355.40	-3.88	0.0	47.31	0.0	4024.05
						222.8	-308.54	-63.56	0.0	47.31	0.0	0.0
278	40	4024.05	0.0	0.02	-141.60	0.0	-422.20	78.04	0.0	29.84	0.0	0.0
		0.0	0.0	6.06e-03	0.0	111.4	-357.88	-3.88	0.0	29.84	0.0	4024.05
						222.8	-311.02	-63.56	0.0	29.84	0.0	0.0
278	44	4024.05	0.0	0.02	-141.60	0.0	-422.31	78.04	0.0	29.72	0.0	0.0
		0.0	0.0	6.44e-03	0.0	111.4	-357.99	-3.88	0.0	29.72	0.0	4024.05
						222.8	-311.12	-63.56	0.0	29.72	0.0	0.0
278	45	4024.05	0.0	0.03	-141.60	0.0	-405.20	78.04	0.0	65.02	0.0	0.0
		0.0	0.0	6.07e-03	0.0	111.4	-340.88	-3.88	0.0	65.02	0.0	4024.05
						222.8	-294.02	-63.56	0.0	65.02	0.0	0.0
278	52	4024.05	0.0	0.02	-141.60	0.0	-421.32	78.04	0.0	47.30	0.0	0.0
		0.0	0.0	4.37e-03	0.0	111.4	-357.01	-3.88	0.0	47.30	0.0	4024.05
						222.8	-310.14	-63.56	0.0	47.30	0.0	0.0
278	64	4024.05	0.0	0.02	-141.60	0.0	-422.67	78.04	0.0	25.85	0.0	0.0
		0.0	0.0	8.63e-03	0.0	111.4	-358.36	-3.88	0.0	25.85	0.0	4024.05
						222.8	-311.49	-63.56	0.0	25.85	0.0	0.0
278	72	4024.05	0.0	0.02	-141.60	0.0	-424.48	78.04	0.0	25.10	0.0	0.0
		0.0	0.0	6.00e-03	0.0	111.4	-360.17	-3.88	0.0	25.10	0.0	4024.05
						222.8	-313.30	-63.56	0.0	25.10	0.0	0.0
278	76	4024.05	0.0	0.02	-141.60	0.0	-424.62	78.04	0.0	24.95	0.0	0.0
		0.0	0.0	6.49e-03	0.0	111.4	-360.31	-3.88	0.0	24.95	0.0	4024.05
						222.8	-313.44	-63.56	0.0	24.95	0.0	0.0
278	77	4024.05	0.0	0.03	-141.60	0.0	-402.89	78.04	0.0	69.79	0.0	0.0
		0.0	0.0	6.02e-03	0.0	111.4	-338.57	-3.88	0.0	69.79	0.0	4024.05
						222.8	-291.70	-63.56	0.0	69.79	0.0	0.0
278	79	3279.86	0.0	0.02	-115.52	0.0	-341.68	63.39	0.0	41.08	0.0	0.0
		0.0	0.0	4.86e-03	0.0	111.4	-289.53	-3.02	0.0	41.08	0.0	3279.86
						222.8	-250.97	-52.13	0.0	41.08	0.0	0.0
278	82	8218.67	0.0	-0.04	-288.61	0.0	-822.03	160.58	0.0	82.61	0.0	0.0
		0.0	0.0	0.01	0.0	111.4	-689.11	-8.71	0.0	82.61	0.0	8218.67
						222.8	-595.42	-128.03	0.0	82.61	0.0	0.0
278	85	9932.69	0.0	-0.06	-348.68	0.0	-990.06	194.30	0.0	96.87	0.0	0.0
		0.0	0.0	0.01	0.0	111.4	-829.10	-10.69	0.0	96.87	0.0	9932.69
						222.8	-716.28	-154.38	0.0	96.87	0.0	0.0
278	86	3279.86	0.0	0.02	-115.52	0.0	-341.68	63.39	0.0	41.08	0.0	0.0
		0.0	0.0	4.86e-03	0.0	111.4	-289.53	-3.02	0.0	41.08	0.0	3279.86
						222.8	-250.97	-52.13	0.0	41.08	0.0	0.0
278	87	4520.17	0.0	0.02	-158.99	0.0	-461.80	87.80	0.0	51.57	0.0	0.0
		0.0	0.0	7.18e-03	0.0	111.4	-389.37	-4.45	0.0	51.57	0.0	4520.17
						222.8	-336.97	-71.19	0.0	51.57	0.0	0.0
278	90	5007.33	0.0	-0.02	-176.06	0.0	-509.79	97.39	0.0	55.59	0.0	0.0
		0.0	0.0	7.57e-03	0.0	111.4	-429.40	-5.01	0.0	55.59	0.0	5007.33
						222.8	-371.55	-78.68	0.0	55.59	0.0	0.0
278	91	3279.86	0.0	0.02	-115.52	0.0	-341.68	63.39	0.0	41.08	0.0	0.0
		0.0	0.0	4.86e-03	0.0	111.4	-289.53	-3.02	0.0	41.08	0.0	3279.86
						222.8	-250.97	-52.13	0.0	41.08	0.0	0.0
278	92	4024.05	0.0	0.02	-141.60	0.0	-413.75	78.04	0.0	47.37	0.0	0.0
		0.0	0.0	6.25e-03	0.0	111.4	-349.44	-3.88	0.0	47.37	0.0	4024.05
						222.8	-302.57	-63.56	0.0	47.37	0.0	0.0
279	1	3893.00	0.0	0.02	-132.62	0.0	-425.83	70.31	0.0	-43.25	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-369.46	-2.52	0.0	-43.25	0.0	3893.00
						224.8	-323.17	-62.32	0.0	-43.25	0.0	0.0
279	4	9733.63	0.0	-0.06	-328.99	0.0	-1095.04	176.24	0.0	-101.76	0.0	0.0
		0.0	0.0	-0.04	0.0	112.4	-952.88	-7.42	0.0	-101.76	0.0	9733.63
						224.8	-840.38	-152.75	0.0	-101.76	0.0	0.0
279	5	2413.32	0.0	0.01	-82.48	0.0	-262.25	43.54	0.0	-27.18	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-227.42	-1.45	0.0	-27.18	0.0	2413.32
						224.8	-198.41	-38.94	0.0	-27.18	0.0	0.0
279	9	9707.14	0.0	-0.06	-328.09	0.0	-1107.09	175.76	0.0	-98.70	0.0	0.0
		0.0	0.0	-0.04	0.0	112.4	-965.32	-7.40	0.0	-98.70	0.0	9707.14
						224.8	-853.12	-152.34	0.0	-98.70	0.0	0.0
279	11	1.176e+04	0.0	-0.08	-397.13	0.0	-1337.09	213.00	0.0	-120.25	0.0	0.0
		0.0	0.0	-0.05	0.0	112.4	-1165.16	-9.12	0.0	-120.25	0.0	1.176e+04
						224.8	-1029.69	-184.13	0.0	-120.25	0.0	0.0
279	25	3328.59	0.0	-0.02	-113.25	0.0	-373.73	60.14	0.0	-23.81	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-325.46	-2.22	0.0	-23.81	0.0	3328.59
						224.8	-286.07	-53.11	0.0	-23.81	0.0	0.0
279	32	3328.59	0.0	0.02	-113.25	0.0	-342.07	60.14	0.0	-58.44	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-293.80	-2.22	0.0	-58.44	0.0	3328.59

						224.8	-254.41	-53.11	0.0	-58.44	0.0	0.0
279	33	3328.59	0.0	-0.02	-113.25	0.0	-387.69	60.14	0.0	-15.11	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-339.42	-2.22	0.0	-15.11	0.0	3328.59
						224.8	-300.03	-53.11	0.0	-15.11	0.0	0.0
279	36	3328.59	0.0	0.02	-113.25	0.0	-342.28	60.14	0.0	-58.65	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-294.01	-2.22	0.0	-58.65	0.0	3328.59
						224.8	-254.62	-53.11	0.0	-58.65	0.0	0.0
279	38	3328.59	0.0	0.02	-113.25	0.0	-343.65	60.14	0.0	-54.43	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-295.38	-2.22	0.0	-54.43	0.0	3328.59
						224.8	-255.99	-53.11	0.0	-54.43	0.0	0.0
279	40	3328.59	0.0	0.02	-113.25	0.0	-342.33	60.14	0.0	-59.38	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-294.06	-2.22	0.0	-59.38	0.0	3328.59
						224.8	-254.67	-53.11	0.0	-59.38	0.0	0.0
279	47	3328.59	0.0	-0.01	-113.25	0.0	-369.47	60.14	0.0	-37.29	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-321.20	-2.22	0.0	-37.29	0.0	3328.59
						224.8	-281.80	-53.11	0.0	-37.29	0.0	0.0
279	64	3328.59	0.0	0.02	-113.25	0.0	-335.91	60.14	0.0	-64.30	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-287.64	-2.22	0.0	-64.30	0.0	3328.59
						224.8	-248.25	-53.11	0.0	-64.30	0.0	0.0
279	65	3328.59	0.0	-0.02	-113.25	0.0	-393.84	60.14	0.0	-9.26	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-345.58	-2.22	0.0	-9.26	0.0	3328.59
						224.8	-306.18	-53.11	0.0	-9.26	0.0	0.0
279	68	3328.59	0.0	0.02	-113.25	0.0	-336.18	60.14	0.0	-64.56	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-287.91	-2.22	0.0	-64.56	0.0	3328.59
						224.8	-248.52	-53.11	0.0	-64.56	0.0	0.0
279	70	3328.59	0.0	0.02	-113.25	0.0	-337.90	60.14	0.0	-59.20	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-289.63	-2.22	0.0	-59.20	0.0	3328.59
						224.8	-250.24	-53.11	0.0	-59.20	0.0	0.0
279	72	3328.59	0.0	0.02	-113.25	0.0	-336.24	60.14	0.0	-65.48	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-287.97	-2.22	0.0	-65.48	0.0	3328.59
						224.8	-248.58	-53.11	0.0	-65.48	0.0	0.0
279	79	2741.88	0.0	0.01	-93.52	0.0	-299.16	49.50	0.0	-30.62	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-259.51	-1.73	0.0	-30.62	0.0	2741.88
						224.8	-226.77	-44.02	0.0	-30.62	0.0	0.0
279	82	6635.63	0.0	-0.04	-224.43	0.0	-745.30	120.12	0.0	-69.62	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-648.46	-4.99	0.0	-69.62	0.0	6635.63
						224.8	-571.58	-104.31	0.0	-69.62	0.0	0.0
279	83	6617.97	0.0	-0.04	-223.84	0.0	-753.34	119.80	0.0	-67.59	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-656.75	-4.98	0.0	-67.59	0.0	6617.97
						224.8	-580.07	-104.04	0.0	-67.59	0.0	0.0
279	85	7986.97	0.0	-0.05	-269.86	0.0	-906.67	144.63	0.0	-81.95	0.0	0.0
		0.0	0.0	-0.03	0.0	112.4	-789.98	-6.12	0.0	-81.95	0.0	7986.97
						224.8	-697.78	-125.23	0.0	-81.95	0.0	0.0
279	86	2741.88	0.0	0.01	-93.52	0.0	-299.16	49.50	0.0	-30.62	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-259.51	-1.73	0.0	-30.62	0.0	2741.88
						224.8	-226.77	-44.02	0.0	-30.62	0.0	0.0
279	87	3719.73	0.0	-0.02	-126.40	0.0	-408.69	67.23	0.0	-40.88	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-354.67	-2.55	0.0	-40.88	0.0	3719.73
						224.8	-310.85	-59.16	0.0	-40.88	0.0	0.0
279	88	3517.10	0.0	-0.02	-119.58	0.0	-390.00	63.56	0.0	-38.01	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-338.96	-2.38	0.0	-38.01	0.0	3517.10
						224.8	-297.43	-56.03	0.0	-38.01	0.0	0.0
279	90	4103.81	0.0	-0.02	-139.31	0.0	-455.71	74.20	0.0	-44.17	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-396.06	-2.87	0.0	-44.17	0.0	4103.81
						224.8	-347.88	-65.11	0.0	-44.17	0.0	0.0
279	91	2741.88	0.0	0.01	-93.52	0.0	-299.16	49.50	0.0	-30.62	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-259.51	-1.73	0.0	-30.62	0.0	2741.88
						224.8	-226.77	-44.02	0.0	-30.62	0.0	0.0
279	92	3328.59	0.0	-0.01	-113.25	0.0	-364.88	60.14	0.0	-36.78	0.0	0.0
		0.0	0.0	-0.02	0.0	112.4	-316.61	-2.22	0.0	-36.78	0.0	3328.59
						224.8	-277.22	-53.11	0.0	-36.78	0.0	0.0
280	1	4268.64	0.0	-0.05	-147.42	0.0	-502.01	79.39	0.0	-22.67	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-437.59	-3.29	0.0	-22.67	0.0	4268.64
						223.9	-387.16	-68.03	0.0	-22.67	0.0	0.0
280	5	2627.94	0.0	-0.03	-90.96	0.0	-314.90	48.75	0.0	-14.57	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-275.44	-1.90	0.0	-14.57	0.0	2627.94
						223.9	-244.03	-42.21	0.0	-14.57	0.0	0.0
280	9	1.084e+04	0.0	-0.10	-372.22	0.0	-1215.68	202.78	0.0	-48.10	0.0	0.0
		0.0	0.0	-7.24e-03	0.0	111.9	-1050.17	-9.66	0.0	-48.10	0.0	1.084e+04
						223.9	-925.69	-169.45	0.0	-48.10	0.0	0.0
280	11	1.315e+04	0.0	-0.13	-451.49	0.0	-1467.07	246.28	0.0	-58.14	0.0	0.0
		0.0	0.0	-6.77e-03	0.0	111.9	-1265.91	-11.91	0.0	-58.14	0.0	1.315e+04
						223.9	-1115.32	-205.21	0.0	-58.14	0.0	0.0
280	20	3660.25	0.0	-0.04	-126.29	0.0	-452.64	68.14	0.0	-14.59	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-397.29	-2.90	0.0	-14.59	0.0	3660.25
						223.9	-354.24	-58.15	0.0	-14.59	0.0	0.0
280	21	3660.25	0.0	-0.04	-126.29	0.0	-401.37	68.14	0.0	-23.54	0.0	0.0

			0.0	0.0	-8.45e-03	0.0	111.9	-346.02	-2.90	0.0	-23.54	0.0	3660.25
							223.9	-302.98	-58.15	0.0	-23.54	0.0	0.0
280	22	3660.25	0.0	-0.04	-126.29	0.0	0.0	-405.28	68.14	0.0	-16.54	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-349.93	-2.90	0.0	-16.54	0.0	3660.25	
						223.9	-306.89	-58.15	0.0	-16.54	0.0	0.0	
280	27	3660.25	0.0	-0.05	-126.29	0.0	0.0	-445.61	68.14	0.0	-23.56	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-390.26	-2.90	0.0	-23.56	0.0	3660.25	
						223.9	-347.22	-58.15	0.0	-23.56	0.0	0.0	
280	31	3660.25	0.0	-0.05	-126.29	0.0	0.0	-428.16	68.14	0.0	-30.80	0.0	0.0
		0.0	0.0	-4.34e-03	0.0	111.9	-372.81	-2.90	0.0	-30.80	0.0	3660.25	
						223.9	-329.76	-58.15	0.0	-30.80	0.0	0.0	
280	34	3660.25	0.0	-0.04	-126.29	0.0	0.0	-425.85	68.14	0.0	-7.33	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-370.50	-2.90	0.0	-7.33	0.0	3660.25	
						223.9	-327.46	-58.15	0.0	-7.33	0.0	0.0	
280	52	3660.25	0.0	-0.04	-126.29	0.0	0.0	-459.56	68.14	0.0	-13.39	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-404.21	-2.90	0.0	-13.39	0.0	3660.25	
						223.9	-361.17	-58.15	0.0	-13.39	0.0	0.0	
280	53	3660.25	0.0	-0.04	-126.29	0.0	0.0	-394.45	68.14	0.0	-24.73	0.0	0.0
		0.0	0.0	-6.86e-03	0.0	111.9	-339.10	-2.90	0.0	-24.73	0.0	3660.25	
						223.9	-296.06	-58.15	0.0	-24.73	0.0	0.0	
280	54	3660.25	0.0	-0.04	-126.29	0.0	0.0	-399.42	68.14	0.0	-15.84	0.0	0.0
		0.0	0.0	-0.02	0.0	111.9	-344.07	-2.90	0.0	-15.84	0.0	3660.25	
						223.9	-301.02	-58.15	0.0	-15.84	0.0	0.0	
280	59	3660.25	0.0	-0.05	-126.29	0.0	0.0	-450.64	68.14	0.0	-24.77	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-395.29	-2.90	0.0	-24.77	0.0	3660.25	
						223.9	-352.24	-58.15	0.0	-24.77	0.0	0.0	
280	63	3660.25	0.0	-0.06	-126.29	0.0	0.0	-428.47	68.14	0.0	-33.97	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	111.9	-373.12	-2.90	0.0	-33.97	0.0	3660.25	
						223.9	-330.07	-58.15	0.0	-33.97	0.0	0.0	
280	66	3660.25	0.0	-0.03	-126.29	0.0	0.0	-425.54	68.14	0.0	-4.15	0.0	0.0
		0.0	0.0	-0.03	0.0	111.9	-370.19	-2.90	0.0	-4.15	0.0	3660.25	
						223.9	-327.15	-58.15	0.0	-4.15	0.0	0.0	
280	79	2998.51	0.0	-0.04	-103.64	0.0	0.0	-355.18	55.71	0.0	-16.19	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-310.01	-2.26	0.0	-16.19	0.0	2998.51	
						223.9	-274.43	-47.93	0.0	-16.19	0.0	0.0	
280	83	7377.28	0.0	-0.07	-253.51	0.0	0.0	-830.96	137.97	0.0	-33.15	0.0	0.0
		0.0	0.0	-6.84e-03	0.0	111.9	-718.40	-6.50	0.0	-33.15	0.0	7377.28	
						223.9	-633.45	-115.54	0.0	-33.15	0.0	0.0	
280	85	8921.35	0.0	-0.09	-306.36	0.0	0.0	-998.55	166.98	0.0	-39.84	0.0	0.0
		0.0	0.0	-6.52e-03	0.0	111.9	-862.23	-8.00	0.0	-39.84	0.0	8921.35	
						223.9	-759.87	-139.38	0.0	-39.84	0.0	0.0	
280	86	2998.51	0.0	-0.04	-103.64	0.0	0.0	-355.18	55.71	0.0	-16.19	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-310.01	-2.26	0.0	-16.19	0.0	2998.51	
						223.9	-274.43	-47.93	0.0	-16.19	0.0	0.0	
280	88	3874.27	0.0	-0.04	-133.62	0.0	0.0	-450.33	72.16	0.0	-19.58	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-391.69	-3.11	0.0	-19.58	0.0	3874.27	
						223.9	-346.23	-61.45	0.0	-19.58	0.0	0.0	
280	90	4536.01	0.0	-0.05	-156.27	0.0	0.0	-522.16	84.60	0.0	-22.45	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-453.33	-3.75	0.0	-22.45	0.0	4536.01	
						223.9	-400.41	-71.67	0.0	-22.45	0.0	0.0	
280	91	2998.51	0.0	-0.04	-103.64	0.0	0.0	-355.18	55.71	0.0	-16.19	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-310.01	-2.26	0.0	-16.19	0.0	2998.51	
						223.9	-274.43	-47.93	0.0	-16.19	0.0	0.0	
280	92	3660.25	0.0	-0.04	-126.29	0.0	0.0	-427.00	68.14	0.0	-19.06	0.0	0.0
		0.0	0.0	-0.01	0.0	111.9	-371.66	-2.90	0.0	-19.06	0.0	3660.25	
						223.9	-328.61	-58.15	0.0	-19.06	0.0	0.0	
281	1	7060.05	-63.56	0.01	-45.22	0.0	0.0	-1730.95	-2.95	3.76	-21.99	-533.12	7060.05
		4397.14	-533.12	4.07e-03	0.0	62.5	-1739.14	-19.19	3.76	-21.99	-298.34	6434.98	
						125.0	-1753.75	-48.17	3.76	-21.99	-63.56	4397.14	
281	5	4660.86	-54.28	8.29e-03	-29.87	0.0	0.0	-1236.03	-1.59	3.23	-17.73	-458.36	4660.86
		2902.39	-458.36	2.93e-03	0.0	62.5	-1241.71	-12.85	3.23	-17.73	-256.32	4248.11	
						125.0	-1251.08	-31.45	3.23	-17.73	-54.28	2902.39	
281	11	1.776e+04	125.87	0.03	-113.58	0.0	0.0	-3055.68	-12.43	-1.02	-9.63	125.87	1.776e+04
		1.106e+04	-1.17	6.08e-03	0.0	62.5	-3072.48	-45.76	-1.02	-9.63	62.35	1.618e+04	
						125.0	-3112.93	-126.01	-1.02	-9.63	-1.17	1.106e+04	
281	14	1.536e+04	200.63	0.03	-98.22	0.0	0.0	-2560.76	-11.07	-1.54	-5.37	200.63	1.536e+04
		9564.83	8.10	4.93e-03	0.0	62.5	-2575.05	-39.43	-1.54	-5.37	104.37	1.399e+04	
						125.0	-2610.26	-109.29	-1.54	-5.37	8.10	9564.83	
281	19	5351.11	-545.49	-0.01	-37.62	0.0	0.0	-1611.21	0.78	7.18	-14.05	-1440.52	5351.11
		3724.46	-1440.52	-8.29e-03	0.0	62.5	-1617.87	-12.42	7.18	-14.05	-993.00	5116.53	
						125.0	-1630.17	-36.84	7.18	-14.05	-545.49	3724.46	
281	22	6412.78	676.83	0.02	-37.62	0.0	0.0	-1161.66	-6.09	-1.80	-18.91	676.83	6412.78
		3592.21	454.44	0.01	0.0	62.5	-1168.31	-19.29	-1.80	-18.91	565.64	5590.04	
						125.0	-1180.62	-43.70	-1.80	-18.91	454.44	3592.21	
281	24	5342.52	-1431.93	-9.76e-03	-37.62	0.0	0.0	-1489.82	2.62	11.57	-24.12	-2875.40	5342.52
		3779.10	-2875.40	-3.53e-03	0.0	62.5	-1496.48	-10.58	11.57	-24.12	-2153.67	5135.04	
						125.0	-1508.78	-35.00	11.57	-24.12	-1431.93	3779.10	

281	25	6430.39	2111.72	0.02	-37.62	0.0	-1283.05	-7.93	-6.18	-8.84	2111.72	6430.39
		3537.57	1340.88	0.01	0.0	62.5	-1289.70	-21.13	-6.18	-8.84	1726.30	5571.53
						125.0	-1302.01	-45.54	-6.18	-8.84	1340.88	3537.57
281	29	6408.70	1998.82	0.02	-37.62	0.0	-1292.30	-7.89	-5.83	-9.52	1998.82	6408.70
		3532.10	1272.05	0.01	0.0	62.5	-1298.95	-21.09	-5.83	-9.52	1635.43	5557.95
						125.0	-1311.26	-45.51	-5.83	-9.52	1272.05	3532.10
281	30	6488.94	1336.12	0.03	-37.62	0.0	-1194.19	-7.48	-3.70	-1.09	1336.12	6488.94
		3586.62	874.88	3.04e-03	0.0	62.5	-1200.84	-20.68	-3.70	-1.09	1105.50	5625.32
						125.0	-1213.15	-45.09	-3.70	-1.09	874.88	3586.62
281	51	5229.68	-679.00	-0.01	-37.62	0.0	-1672.34	1.70	8.38	-13.41	-1723.89	5187.18
		3741.59	-1723.89	-0.01	0.0	62.5	-1679.00	-11.50	8.38	-13.41	-1201.45	5051.93
						125.0	-1691.30	-35.91	8.38	-13.41	-679.00	3741.59
281	54	6559.11	960.21	0.02	-37.62	0.0	-1100.53	-7.01	-3.00	-19.54	960.21	6559.11
		3575.08	587.95	0.02	0.0	62.5	-1107.18	-20.21	-3.00	-19.54	774.08	5654.64
						125.0	-1119.49	-44.63	-3.00	-19.54	587.95	3575.08
281	56	5223.67	-1808.04	-0.01	-37.62	0.0	-1518.08	4.05	13.98	-26.09	-3552.14	5163.71
		3811.24	-3552.14	-5.35e-03	0.0	62.5	-1524.74	-9.15	13.98	-26.09	-2680.09	5075.02
						125.0	-1537.04	-33.56	13.98	-26.09	-1808.04	3811.24
281	57	6582.58	2788.45	0.02	-37.62	0.0	-1254.79	-9.36	-8.59	-6.86	2788.45	6582.58
		3505.44	1716.99	0.01	0.0	62.5	-1261.44	-22.56	-8.59	-6.86	2252.72	5631.55
						125.0	-1273.75	-46.98	-8.59	-6.86	1716.99	3505.44
281	61	6554.39	2643.94	0.02	-37.62	0.0	-1266.65	-9.32	-8.14	-7.72	2643.94	6554.39
		3498.39	1628.95	0.01	0.0	62.5	-1273.30	-22.52	-8.14	-7.72	2136.44	5613.93
						125.0	-1285.61	-46.93	-8.14	-7.72	1628.95	3498.39
281	62	6657.32	1800.65	0.03	-37.62	0.0	-1141.62	-8.79	-5.43	2.99	1800.65	6657.32
		3568.23	1123.43	2.99e-03	0.0	62.5	-1148.28	-21.99	-5.43	2.99	1462.04	5700.32
						125.0	-1160.58	-46.41	-5.43	2.99	1123.43	3568.23
281	79	5096.05	-51.23	9.02e-03	-32.65	0.0	-1289.99	-1.97	3.04	-17.27	-431.08	5096.05
		3173.71	-431.08	3.04e-03	0.0	62.5	-1296.02	-13.93	3.04	-17.27	-241.16	4644.82
						125.0	-1306.45	-34.62	3.04	-17.27	-51.23	3173.71
281	85	1.223e+04	8.25	0.02	-78.22	0.0	-2173.14	-8.30	-0.14	-9.03	8.25	1.223e+04
		7615.33	-9.64	4.38e-03	0.0	62.5	-2184.91	-31.65	-0.14	-9.03	-0.70	1.114e+04
						125.0	-2212.57	-86.51	-0.14	-9.03	-9.64	7615.33
281	86	5096.05	-51.23	9.02e-03	-32.65	0.0	-1289.99	-1.97	3.04	-17.27	-431.08	5096.05
		3173.71	-431.08	3.04e-03	0.0	62.5	-1296.02	-13.93	3.04	-17.27	-241.16	4644.82
						125.0	-1306.45	-34.62	3.04	-17.27	-51.23	3173.71
281	90	6936.54	-39.87	0.01	-44.41	0.0	-1518.06	-3.60	2.22	-15.20	-316.95	6936.54
		4320.50	-316.95	3.41e-03	0.0	62.5	-1525.57	-18.50	2.22	-15.20	-178.41	6322.21
						125.0	-1540.44	-48.01	2.22	-15.20	-39.87	4320.50
281	91	5096.05	-51.23	9.02e-03	-32.65	0.0	-1289.99	-1.97	3.04	-17.27	-431.08	5096.05
		3173.71	-431.08	3.04e-03	0.0	62.5	-1296.02	-13.93	3.04	-17.27	-241.16	4644.82
						125.0	-1306.45	-34.62	3.04	-17.27	-51.23	3173.71
281	92	5873.14	-45.53	0.01	-37.62	0.0	-1386.44	-2.65	2.69	-16.48	-381.84	5873.14
		3658.34	-381.84	3.24e-03	0.0	62.5	-1393.09	-15.85	2.69	-16.48	-213.68	5353.28
						125.0	-1405.40	-40.27	2.69	-16.48	-45.53	3658.34
282	5	4519.26	811.31	0.02	-29.84	0.0	-1274.18	-7.37	-4.13	128.11	811.31	4519.26
		2039.85	294.94	-1.04e-03	0.0	62.5	-1279.86	-18.62	-4.13	128.11	553.13	3745.57
						125.0	-1289.22	-37.20	-4.13	128.11	294.94	2039.85
282	11	1.692e+04	2301.84	0.03	-113.41	0.0	-3180.25	-41.12	-5.41	605.36	2301.84	1.692e+04
		6648.43	1626.37	-3.65e-03	0.0	62.5	-3197.03	-74.41	-5.41	605.36	1964.10	1.356e+04
						125.0	-3237.42	-154.53	-5.41	605.36	1626.37	6648.43
282	15	6100.74	2804.64	0.02	-37.57	0.0	-1613.22	-13.12	-10.54	190.65	2804.64	6100.74
		2482.52	1488.28	4.32e-03	0.0	62.5	-1619.87	-26.31	-10.54	190.65	2146.46	4878.46
						125.0	-1632.16	-50.69	-10.54	190.65	1488.28	2482.52
282	18	5227.02	-643.25	0.02	-37.57	0.0	-1249.04	-8.15	2.27	156.83	-925.96	5227.02
		2425.11	-925.96	-3.57e-03	0.0	62.5	-1255.69	-21.34	2.27	156.83	-784.60	4412.89
						125.0	-1267.98	-45.72	2.27	156.83	-643.25	2425.11
282	28	5571.11	1699.26	0.01	-37.57	0.0	-1716.73	-10.43	-6.97	185.70	1699.26	5571.11
		2290.75	828.07	-3.29e-03	0.0	62.5	-1723.38	-23.61	-6.97	185.70	1263.66	4517.75
						125.0	-1735.67	-48.00	-6.97	185.70	828.07	2290.75
282	29	5756.66	179.43	0.02	-37.57	0.0	-1145.53	-10.84	-1.30	161.79	179.43	5756.66
		2616.88	16.95	2.18e-03	0.0	62.5	-1152.17	-24.03	-1.30	161.79	98.19	4773.60
						125.0	-1164.46	-48.41	-1.30	161.79	16.95	2616.88
282	31	6505.05	2639.82	0.03	-37.57	0.0	-1389.11	-14.95	-9.88	165.83	2639.82	6505.05
		2731.40	1407.62	0.01	0.0	62.5	-1395.75	-28.14	-9.88	165.83	2023.72	5205.05
						125.0	-1408.04	-52.52	-9.88	165.83	1407.62	2731.40
282	44	4983.44	237.17	0.01	-37.57	0.0	-1647.54	-7.47	-1.71	188.41	237.17	4983.44
		2134.16	21.61	-0.02	0.0	62.5	-1654.19	-20.66	-1.71	188.41	129.39	4145.63
						125.0	-1666.48	-45.04	-1.71	188.41	21.61	2134.16
282	47	6221.51	3312.46	0.02	-37.57	0.0	-1662.25	-13.81	-12.29	195.23	3312.46	6221.51
		2489.92	1778.34	5.39e-03	0.0	62.5	-1668.90	-26.99	-12.29	195.23	2545.40	4942.54
						125.0	-1681.19	-51.37	-12.29	195.23	1778.34	2489.92
282	50	5106.25	-933.31	0.02	-37.57	0.0	-1200.01	-7.46	4.02	152.26	-1433.78	5106.25
		2417.71	-1433.78	-4.64e-03	0.0	62.5	-1206.65	-20.65	4.02	152.26	-1183.54	4348.80
						125.0	-1218.94	-45.03	4.02	152.26	-933.31	2417.71
282	60	5543.88	1905.36	0.01	-37.57	0.0	-1794.20	-10.35	-7.74	188.93	1905.36	5543.88
		2246.31	938.16	-3.89e-03	0.0	62.5	-1800.85	-23.54	-7.74	188.93	1421.76	4481.92

282	61	5783.89	-26.68	0.02	-37.57	125.0	-1813.13	-47.92	-7.74	188.93	938.16	2246.31
		2661.32	-93.14	2.68e-03	0.0	0.0	-1068.06	-10.91	-0.54	158.56	-26.68	5783.89
						62.5	-1074.71	-24.10	-0.54	158.56	-59.91	4809.43
282	63	6736.58	3105.36	0.03	-37.57	125.0	-1087.00	-48.48	-0.54	158.56	-93.14	2661.32
		2807.23	1677.09	0.01	0.0	0.0	-1377.58	-16.14	-11.45	163.63	3105.36	6736.58
						62.5	-1384.23	-29.33	-11.45	163.63	2391.23	5358.73
282	76	4795.27	42.07	8.54e-03	-37.57	125.0	-1396.52	-53.71	-11.45	163.63	1677.09	2807.23
		2046.55	-89.49	-0.02	0.0	0.0	-1706.28	-6.59	-1.03	192.37	42.07	4795.27
						62.5	-1712.93	-19.78	-1.03	192.37	-23.71	4007.73
282	79	4930.19	857.39	0.02	-32.61	125.0	-1725.22	-44.16	-1.03	192.37	-89.49	2046.55
		2188.43	340.79	-1.11e-03	0.0	0.0	-1330.65	-8.54	-4.13	144.48	857.39	4930.19
						62.5	-1336.67	-20.49	-4.13	144.48	599.09	4068.69
282	85	1.166e+04	1618.16	0.02	-78.10	125.0	-1347.09	-41.15	-4.13	144.48	340.79	2188.43
		4625.02	1099.12	-2.53e-03	0.0	0.0	-2259.95	-27.77	-4.15	411.92	1618.16	1.166e+04
						62.5	-2271.70	-51.09	-4.15	411.92	1358.64	9364.89
282	86	4930.19	857.39	0.02	-32.61	125.0	-2299.31	-105.87	-4.15	411.92	1099.12	4625.02
		2188.43	340.79	-1.11e-03	0.0	0.0	-1330.65	-8.54	-4.13	144.48	857.39	4930.19
						62.5	-1336.67	-20.49	-4.13	144.48	599.09	4068.69
282	90	6668.43	1053.25	0.02	-44.35	125.0	-1347.09	-41.15	-4.13	144.48	340.79	2188.43
		2817.29	536.04	-1.45e-03	0.0	0.0	-1570.10	-13.50	-4.14	213.58	1053.25	6668.43
						62.5	-1577.60	-28.39	-4.14	213.58	794.65	5435.66
282	91	4930.19	857.39	0.02	-32.61	125.0	-1592.45	-57.86	-4.14	213.58	536.04	2817.29
		2188.43	340.79	-1.11e-03	0.0	0.0	-1330.65	-8.54	-4.13	144.48	857.39	4930.19
						62.5	-1336.67	-20.49	-4.13	144.48	599.09	4068.69
282	92	5663.88	939.34	0.02	-37.57	125.0	-1347.09	-41.15	-4.13	144.48	340.79	2188.43
		2453.82	422.51	-1.22e-03	0.0	0.0	-1431.13	-10.63	-4.14	173.74	939.34	5663.88
						62.5	-1437.78	-23.82	-4.14	173.74	680.93	4645.67
283	5	4523.69	1135.01	0.05	-29.89	125.0	-1450.07	-48.20	-4.14	173.74	422.51	2453.82
		-8723.83	-835.48	-5.40e-03	0.0	0.0	-1183.44	-88.62	15.77	-11.21	-835.48	4523.69
						62.5	-1174.06	-107.24	15.77	-11.21	149.77	-1633.22
283	11	1.695e+04	2666.89	0.16	-113.73	125.0	-1168.38	-118.51	15.77	-11.21	1135.01	-8723.83
		-3.188e+04	-2836.58	-0.02	0.0	0.0	-3041.45	-318.27	44.04	-106.84	-2836.58	1.695e+04
						62.5	-3000.95	-398.63	44.04	-106.84	-84.85	-5687.91
283	30	6228.88	2989.39	0.06	-37.65	125.0	-2984.13	-432.00	44.04	-106.84	2666.89	-3.188e+04
		-1.213e+04	-2393.62	-0.01	0.0	0.0	-1418.97	-123.81	43.01	-30.92	-2393.62	6228.88
						62.5	-1406.65	-148.25	43.01	-30.92	297.89	-2363.45
283	32	6321.47	2595.67	0.05	-37.65	125.0	-1399.99	-161.46	43.01	-30.92	2989.39	-1.213e+04
		-1.040e+04	-1799.47	-0.02	0.0	0.0	-1121.45	-112.92	35.10	-31.86	-1799.47	6321.47
						62.5	-1109.13	-137.37	35.10	-31.86	398.10	-1452.10
283	33	5021.12	-81.93	0.06	-37.65	125.0	-1102.47	-150.58	35.10	-31.86	2595.67	-1.040e+04
		-1.131e+04	-232.18	2.82e-03	0.0	0.0	-1555.04	-106.44	1.28	-9.43	-232.18	5021.12
						62.5	-1542.72	-130.89	1.28	-9.43	-157.06	-2554.99
283	42	6680.71	3332.78	0.06	-37.65	125.0	-1536.06	-144.10	1.28	-9.43	-81.93	-1.131e+04
		-1.133e+04	-2430.25	-0.02	0.0	0.0	-1248.72	-120.43	46.08	-34.38	-2430.25	6680.71
						62.5	-1236.40	-144.88	46.08	-34.38	451.27	-1734.51
283	46	6665.51	3388.41	0.05	-37.65	125.0	-1229.74	-158.08	46.08	-34.38	3332.78	-1.133e+04
		-1.142e+04	-2541.13	-0.02	0.0	0.0	-1236.41	-121.44	47.41	-31.63	-2541.13	6665.51
						62.5	-1224.09	-145.89	47.41	-31.63	423.64	-1790.54
283	62	6379.17	3462.26	0.06	-37.65	125.0	-1217.43	-159.09	47.41	-31.63	3388.41	-1.142e+04
		-1.248e+04	-2769.92	-0.01	0.0	0.0	-1440.84	-127.65	49.79	-33.65	-2769.92	6379.17
						62.5	-1428.52	-152.09	49.79	-33.65	346.17	-2461.56
283	64	6499.92	2960.36	0.05	-37.65	125.0	-1421.86	-165.30	49.79	-33.65	3462.26	-1.248e+04
		-1.028e+04	-2011.82	-0.02	0.0	0.0	-1062.67	-113.81	39.70	-34.98	-2011.82	6499.92
						62.5	-1050.35	-138.26	39.70	-34.98	474.27	-1301.76
283	65	4842.67	-19.83	0.07	-37.65	125.0	-1043.69	-151.46	39.70	-34.98	2960.36	-1.028e+04
		-1.143e+04	-446.62	5.49e-03	0.0	0.0	-1613.82	-105.55	-3.32	-6.31	-19.83	4842.67
						62.5	-1601.50	-130.00	-3.32	-6.31	-233.22	-2705.32
283	74	6956.30	3901.56	0.05	-37.65	125.0	-1594.84	-143.21	-3.32	-6.31	-446.62	-1.143e+04
		-1.145e+04	-2817.36	-0.02	0.0	0.0	-1224.24	-123.37	53.72	-38.13	-2817.36	6956.30
						62.5	-1211.92	-147.81	53.72	-38.13	542.10	-1660.22
283	78	6937.79	3972.84	0.05	-37.65	125.0	-1205.26	-161.02	53.72	-38.13	3901.56	-1.145e+04
		-1.158e+04	-2959.00	-0.02	0.0	0.0	-1208.68	-124.66	55.42	-34.63	-2959.00	6937.79
						62.5	-1196.36	-149.11	55.42	-34.63	506.92	-1731.38
283	79	4935.70	1178.85	0.05	-32.68	125.0	-1189.70	-162.32	55.42	-34.63	3972.84	-1.158e+04
		-9488.56	-900.33	-5.99e-03	0.0	0.0	-1239.14	-96.18	16.64	-14.61	-900.33	4935.70
						62.5	-1228.70	-116.89	16.64	-14.61	139.26	-1766.05
283	85	1.168e+04	1905.88	0.11	-78.32	125.0	-1222.67	-128.86	16.64	-14.61	1178.85	-9488.56
		-2.201e+04	-1967.87	-0.02	0.0	0.0	-2155.72	-219.97	31.00	-70.90	-1967.87	1.168e+04
						62.5	-2128.03	-274.91	31.00	-70.90	-30.99	-3938.86
283	86	4935.70	1178.85	0.05	-32.68	125.0	-2116.25	-298.28	31.00	-70.90	1905.88	-2.201e+04
		-9488.56	-900.33	-5.99e-03	0.0	0.0	-1239.14	-96.18	16.64	-14.61	-900.33	4935.70
						62.5	-1228.70	-116.89	16.64	-14.61	139.26	-1766.05
283	90	6677.83	1365.87	0.07	-44.46	125.0	-1222.67	-128.86	16.64	-14.61	1178.85	-9488.56
		-1.272e+04	-1175.43	-8.54e-03	0.0	0.0	-1475.31	-128.14	20.34	-29.09	-1175.43	6677.83
						62.5	-1460.42	-157.69	20.34	-29.09	95.22	-2327.27
283	91	4935.70	1178.85	0.05	-32.68	125.0	-1452.90	-172.60	20.34	-29.09	1365.87	-1.272e+04
						0.0	-1239.14	-96.18	16.64	-14.61	-900.33	4935.70

		-9488.56	-900.33	-5.99e-03	0.0	62.5	-1228.70	-116.89	16.64	-14.61	139.26	-1766.05
						125.0	-1222.67	-128.86	16.64	-14.61	1178.85	-9488.56
283	92	5671.29	1256.87	0.06	-37.65	0.0	-1338.25	-109.68	18.19	-20.64	-1015.83	5671.29
		-1.085e+04	-1015.83	-7.07e-03	0.0	62.5	-1325.93	-134.13	18.19	-20.64	120.52	-2003.54
						125.0	-1319.27	-147.34	18.19	-20.64	1256.87	-1.085e+04
284	5	4786.51	141.46	0.05	-30.46	0.0	-1157.17	-93.65	-6.79	-57.15	141.46	4786.51
		-9136.78	-706.87	-2.32e-03	0.0	62.5	-1147.57	-112.70	-6.79	-57.15	-282.71	-1699.31
						125.0	-1141.82	-124.11	-6.79	-57.15	-706.87	-9136.78
284	11	1.772e+04	497.32	0.16	-117.41	0.0	-2970.78	-338.84	21.70	-33.63	-2214.61	1.772e+04
		-3.399e+04	-2214.61	-0.02	0.0	62.5	-2928.88	-421.95	21.70	-33.63	-858.65	-6299.25
						125.0	-2911.60	-456.24	21.70	-33.63	497.32	-3.399e+04
284	14	1.530e+04	586.67	0.14	-101.61	0.0	-2498.01	-292.16	21.11	-19.87	-2050.53	1.530e+04
		-2.935e+04	-2050.53	-0.02	0.0	62.5	-2461.51	-364.57	21.11	-19.87	-731.93	-5439.20
						125.0	-2446.79	-393.77	21.11	-19.87	586.67	-2.935e+04
284	20	7186.88	2428.46	0.05	-38.53	0.0	-1153.04	-129.82	37.59	-65.97	-2272.14	7186.88
		-1.207e+04	-2272.14	-0.03	0.0	62.5	-1140.39	-154.92	37.59	-65.97	78.16	-1839.74
						125.0	-1133.62	-168.35	37.59	-65.97	2428.46	-1.207e+04
284	21	4768.91	2053.68	0.06	-38.53	0.0	-1465.78	-102.47	-44.78	-40.22	2053.68	4768.91
		-1.079e+04	-3544.27	0.02	0.0	62.5	-1453.13	-127.58	-44.78	-40.22	-745.29	-2407.34
						125.0	-1446.36	-141.00	-44.78	-40.22	-3544.27	-1.079e+04
284	23	6692.99	1560.00	0.06	-38.53	0.0	-1055.68	-119.47	24.20	-57.92	-1461.35	6692.99
		-1.102e+04	-1461.35	-3.64e-03	0.0	62.5	-1043.03	-144.57	24.20	-57.92	49.32	-1560.57
						125.0	-1036.26	-158.00	24.20	-57.92	1560.00	-1.102e+04
284	26	5262.80	1242.90	0.06	-38.53	0.0	-1563.14	-112.82	-31.38	-48.27	1242.90	5262.80
		-1.184e+04	-2675.82	-4.28e-03	0.0	62.5	-1550.49	-137.92	-31.38	-48.27	-716.46	-2686.51
						125.0	-1543.72	-151.35	-31.38	-48.27	-2675.82	-1.184e+04
284	40	6730.26	1428.92	0.06	-38.53	0.0	-1340.22	-130.29	24.11	-75.50	-1587.90	6730.26
		-1.250e+04	-1587.90	-0.03	0.0	62.5	-1327.57	-155.39	24.11	-75.50	-79.49	-2284.01
						125.0	-1320.80	-168.82	24.11	-75.50	1428.92	-1.250e+04
284	52	7513.30	3235.29	0.05	-38.53	0.0	-1110.87	-133.49	48.72	-69.46	-2856.65	7513.30
		-1.224e+04	-2856.65	-0.04	0.0	62.5	-1098.22	-158.59	48.72	-69.46	189.32	-1761.30
						125.0	-1091.45	-172.02	48.72	-69.46	3235.29	-1.224e+04
284	53	4442.49	2638.19	0.06	-38.53	0.0	-1507.95	-98.80	-55.90	-36.73	2638.19	4442.49
		-1.062e+04	-4351.10	0.03	0.0	62.5	-1495.30	-123.90	-55.90	-36.73	-856.46	-2485.79
						125.0	-1488.53	-137.33	-55.90	-36.73	-4351.10	-1.062e+04
284	55	6888.00	2135.77	0.06	-38.53	0.0	-986.79	-120.38	31.76	-59.08	-1829.22	6888.00
		-1.091e+04	-1829.22	-3.69e-03	0.0	62.5	-974.14	-145.48	31.76	-59.08	153.27	-1408.33
						125.0	-967.37	-158.91	31.76	-59.08	2135.77	-1.091e+04
284	58	5067.79	1610.77	0.06	-38.53	0.0	-1632.03	-111.92	-38.94	-47.11	1610.77	5067.79
		-1.195e+04	-3251.58	-4.36e-03	0.0	62.5	-1619.38	-137.02	-38.94	-47.11	-820.41	-2838.76
						125.0	-1612.61	-150.44	-38.94	-47.11	-3251.58	-1.195e+04
284	72	6933.00	1966.63	0.07	-38.53	0.0	-1348.98	-134.11	31.61	-81.64	-1988.13	6933.00
		-1.279e+04	-1988.13	-0.03	0.0	62.5	-1336.33	-159.21	31.61	-81.64	-10.75	-2328.26
						125.0	-1329.56	-172.64	31.61	-81.64	1966.63	-1.279e+04
284	79	5214.33	51.67	0.05	-33.36	0.0	-1211.79	-101.73	-5.64	-55.68	51.67	5214.33
		-9959.62	-653.52	-2.93e-03	0.0	62.5	-1201.09	-122.95	-5.64	-55.68	-300.93	-1851.60
						125.0	-1194.97	-135.09	-5.64	-55.68	-653.52	-9959.62
284	85	1.222e+04	208.84	0.11	-80.79	0.0	-2105.68	-234.07	12.95	-30.83	-1409.66	1.222e+04
		-2.344e+04	-1409.66	-0.01	0.0	62.5	-2077.05	-290.86	12.95	-30.83	-600.41	-4344.86
						125.0	-2064.96	-314.86	12.95	-30.83	208.84	-2.344e+04
284	86	5214.33	51.67	0.05	-33.36	0.0	-1211.79	-101.73	-5.64	-55.68	51.67	5214.33
		-9959.62	-653.52	-2.93e-03	0.0	62.5	-1201.09	-122.95	-5.64	-55.68	-300.93	-1851.60
						125.0	-1194.97	-135.09	-5.64	-55.68	-653.52	-9959.62
284	90	7023.53	-326.41	0.06	-45.60	0.0	-1442.63	-135.89	-0.83	-49.33	-326.41	7023.53
		-1.344e+04	-430.05	-5.47e-03	0.0	62.5	-1427.31	-166.29	-0.83	-49.33	-378.23	-2495.29
						125.0	-1419.65	-181.49	-0.83	-49.33	-430.05	-1.344e+04
284	91	5214.33	51.67	0.05	-33.36	0.0	-1211.79	-101.73	-5.64	-55.68	51.67	5214.33
		-9959.62	-653.52	-2.93e-03	0.0	62.5	-1201.09	-122.95	-5.64	-55.68	-300.93	-1851.60
						125.0	-1194.97	-135.09	-5.64	-55.68	-653.52	-9959.62
284	92	5977.90	-109.23	0.06	-38.53	0.0	-1309.41	-116.15	-3.59	-53.10	-109.23	5977.90
		-1.143e+04	-557.91	-3.96e-03	0.0	62.5	-1296.76	-141.25	-3.59	-53.10	-333.57	-2123.54
						125.0	-1289.99	-154.68	-3.59	-53.10	-557.91	-1.143e+04
285	1	3201.44	0.0	-0.02	-112.73	0.0	32.61	54.50	0.0	0.06	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	107.7	-5.27	0.57	0.0	0.06	0.0	3201.44
						215.3	-46.58	-58.23	0.0	0.06	0.0	0.0
285	4	7876.54	0.0	0.06	-274.13	0.0	1.86	131.50	0.0	0.10	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-89.31	1.71	0.0	0.10	0.0	7876.54
						215.3	-190.70	-142.63	0.0	0.10	0.0	0.0
285	11	9557.80	0.0	0.09	-332.17	0.0	-9.15	159.19	0.0	0.12	0.0	0.0
		0.0	0.0	-0.03	0.0	107.7	-119.49	2.12	0.0	0.12	0.0	9557.80
						215.3	-242.48	-172.98	0.0	0.12	0.0	0.0
285	12	6750.61	0.0	0.06	-234.75	0.0	-3.03	112.55	0.0	0.09	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-81.05	1.48	0.0	0.09	0.0	6750.61
						215.3	-167.93	-122.20	0.0	0.09	0.0	0.0
285	27	2724.83	0.0	-0.02	-95.77	0.0	-13.97	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-46.10	0.51	0.0	0.05	0.0	2724.83
						215.3	-81.24	-49.53	0.0	0.05	0.0	0.0

285	29	2724.83	0.0	-0.02	-95.77	0.0	55.19	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	0.02	0.0	107.7	23.07	0.51	0.0	0.05	0.0	2724.83
						215.3	-12.08	-49.53	0.0	0.05	0.0	0.0
285	30	2724.83	0.0	-0.01	-95.77	0.0	60.69	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	0.02	0.0	107.7	28.56	0.51	0.0	0.05	0.0	2724.83
						215.3	-6.58	-49.53	0.0	0.05	0.0	0.0
285	32	2724.83	0.0	0.02	-95.77	0.0	23.73	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-0.01	0.0	107.7	-8.40	0.51	0.0	0.05	0.0	2724.83
						215.3	-43.55	-49.53	0.0	0.05	0.0	0.0
285	35	2724.83	0.0	-0.03	-95.77	0.0	6.19	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	107.7	-25.93	0.51	0.0	0.05	0.0	2724.83
						215.3	-61.08	-49.53	0.0	0.05	0.0	0.0
285	59	2724.83	0.0	-0.03	-95.77	0.0	-24.12	46.24	0.0	0.04	0.0	0.0
		0.0	0.0	-0.03	0.0	107.7	-56.24	0.51	0.0	0.04	0.0	2724.83
						215.3	-91.39	-49.53	0.0	0.04	0.0	0.0
285	61	2724.83	0.0	-0.02	-95.77	0.0	63.83	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	0.03	0.0	107.7	31.71	0.51	0.0	0.05	0.0	2724.83
						215.3	-3.44	-49.53	0.0	0.05	0.0	0.0
285	62	2724.83	0.0	-0.01	-95.77	0.0	70.83	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	0.02	0.0	107.7	38.71	0.51	0.0	0.05	0.0	2724.83
						215.3	3.56	-49.53	0.0	0.05	0.0	0.0
285	64	2724.83	0.0	0.02	-95.77	0.0	23.83	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-8.30	0.51	0.0	0.05	0.0	2724.83
						215.3	-43.45	-49.53	0.0	0.05	0.0	0.0
285	67	2724.83	0.0	-0.04	-95.77	0.0	1.54	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-4.51e-03	0.0	107.7	-30.58	0.51	0.0	0.05	0.0	2724.83
						215.3	-65.73	-49.53	0.0	0.05	0.0	0.0
285	79	2264.24	0.0	-0.02	-79.87	0.0	26.40	38.65	0.0	0.05	0.0	0.0
		0.0	0.0	-5.54e-04	0.0	107.7	-0.48	0.39	0.0	0.05	0.0	2264.24
						215.3	-29.71	-41.21	0.0	0.05	0.0	0.0
285	82	5380.97	0.0	0.04	-187.47	0.0	5.90	89.99	0.0	0.07	0.0	0.0
		0.0	0.0	-0.01	0.0	107.7	-56.51	1.15	0.0	0.07	0.0	5380.97
						215.3	-125.79	-97.48	0.0	0.07	0.0	0.0
285	83	5427.11	0.0	0.04	-189.06	0.0	5.64	90.75	0.0	0.07	0.0	0.0
		0.0	0.0	-0.01	0.0	107.7	-57.29	1.16	0.0	0.07	0.0	5427.11
						215.3	-127.16	-98.31	0.0	0.07	0.0	0.0
285	85	6501.81	0.0	0.05	-226.16	0.0	-1.44	108.45	0.0	0.08	0.0	0.0
		0.0	0.0	-0.02	0.0	107.7	-76.62	1.42	0.0	0.08	0.0	6501.81
						215.3	-160.31	-117.71	0.0	0.08	0.0	0.0
285	86	2264.24	0.0	-0.02	-79.87	0.0	26.40	38.65	0.0	0.05	0.0	0.0
		0.0	0.0	-5.54e-04	0.0	107.7	-0.48	0.39	0.0	0.05	0.0	2264.24
						215.3	-29.71	-41.21	0.0	0.05	0.0	0.0
285	87	3031.89	0.0	-0.02	-106.37	0.0	21.33	51.30	0.0	0.05	0.0	0.0
		0.0	0.0	-3.68e-03	0.0	107.7	-14.29	0.58	0.0	0.05	0.0	3031.89
						215.3	-53.38	-55.07	0.0	0.05	0.0	0.0
285	88	2896.81	0.0	-0.02	-101.71	0.0	22.24	49.07	0.0	0.05	0.0	0.0
		0.0	0.0	-3.06e-03	0.0	107.7	-11.84	0.55	0.0	0.05	0.0	2896.81
						215.3	-49.20	-52.63	0.0	0.05	0.0	0.0
285	90	3357.40	0.0	-0.02	-117.61	0.0	19.21	56.66	0.0	0.06	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	107.7	-20.13	0.66	0.0	0.06	0.0	3357.40
						215.3	-63.40	-60.95	0.0	0.06	0.0	0.0
285	91	2264.24	0.0	-0.02	-79.87	0.0	26.40	38.65	0.0	0.05	0.0	0.0
		0.0	0.0	-5.54e-04	0.0	107.7	-0.48	0.39	0.0	0.05	0.0	2264.24
						215.3	-29.71	-41.21	0.0	0.05	0.0	0.0
285	92	2724.83	0.0	-0.02	-95.77	0.0	23.36	46.24	0.0	0.05	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	107.7	-8.77	0.51	0.0	0.05	0.0	2724.83
						215.3	-43.91	-49.53	0.0	0.05	0.0	0.0
286	1	3454.05	0.0	-0.03	-124.57	0.0	12.36	66.40	0.0	-186.09	0.0	0.0
		0.0	0.0	0.02	0.0	106.8	60.83	-1.78	0.0	-186.09	0.0	3454.05
						213.6	100.93	-58.17	0.0	-186.09	0.0	0.0
286	4	8641.31	0.0	-0.11	-309.38	0.0	-114.91	166.92	0.0	-319.52	0.0	0.0
		0.0	0.0	0.04	0.0	106.8	7.53	-5.29	0.0	-319.52	0.0	8641.31
						213.6	105.07	-142.46	0.0	-319.52	0.0	0.0
286	11	1.049e+04	0.0	-0.13	-375.36	0.0	-160.36	202.80	0.0	-367.25	0.0	0.0
		0.0	0.0	0.05	0.0	106.8	-11.50	-6.54	0.0	-367.25	0.0	1.049e+04
						213.6	106.55	-172.56	0.0	-367.25	0.0	0.0
286	15	2949.04	0.0	-0.03	-106.23	0.0	-36.35	56.74	0.0	-159.27	0.0	0.0
		0.0	0.0	-0.01	0.0	106.8	5.11	-1.57	0.0	-159.27	0.0	2949.04
						213.6	39.19	-49.49	0.0	-159.27	0.0	0.0
286	27	2949.04	0.0	-0.03	-106.23	0.0	-54.07	56.74	0.0	-165.16	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	-12.62	-1.57	0.0	-165.16	0.0	2949.04
						213.6	21.46	-49.49	0.0	-165.16	0.0	0.0
286	30	2949.04	0.0	-0.02	-106.23	0.0	58.75	56.74	0.0	-136.15	0.0	0.0
		0.0	0.0	0.02	0.0	106.8	100.21	-1.57	0.0	-136.15	0.0	2949.04
						213.6	134.28	-49.49	0.0	-136.15	0.0	0.0
286	37	2949.04	0.0	-0.03	-106.23	0.0	-10.09	56.74	0.0	-138.92	0.0	0.0
		0.0	0.0	-9.68e-04	0.0	106.8	31.37	-1.57	0.0	-138.92	0.0	2949.04

						213.6	65.45	-49.49	0.0	-138.92	0.0	0.0
286	43	2949.04	0.0	-0.03	-106.23	0.0	-43.18	56.74	0.0	-161.64	0.0	0.0
		0.0	0.0	1.72e-03	0.0	106.8	-1.73	-1.57	0.0	-161.64	0.0	2949.04
						213.6	32.35	-49.49	0.0	-161.64	0.0	0.0
286	46	2949.04	0.0	-0.03	-106.23	0.0	47.86	56.74	0.0	-139.66	0.0	0.0
		0.0	0.0	0.03	0.0	106.8	89.32	-1.57	0.0	-139.66	0.0	2949.04
						213.6	123.39	-49.49	0.0	-139.66	0.0	0.0
286	55	2949.04	0.0	-0.04	-106.23	0.0	-67.53	56.74	0.0	-163.15	0.0	0.0
		0.0	0.0	9.49e-03	0.0	106.8	-26.08	-1.57	0.0	-163.15	0.0	2949.04
						213.6	8.00	-49.49	0.0	-163.15	0.0	0.0
286	59	2949.04	0.0	-0.04	-106.23	0.0	-69.44	56.74	0.0	-169.03	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	-27.99	-1.57	0.0	-169.03	0.0	2949.04
						213.6	6.09	-49.49	0.0	-169.03	0.0	0.0
286	62	2949.04	0.0	-0.02	-106.23	0.0	74.12	56.74	0.0	-132.28	0.0	0.0
		0.0	0.0	0.02	0.0	106.8	115.57	-1.57	0.0	-132.28	0.0	2949.04
						213.6	149.65	-49.49	0.0	-132.28	0.0	0.0
286	69	2949.04	0.0	-0.02	-106.23	0.0	-13.43	56.74	0.0	-135.71	0.0	0.0
		0.0	0.0	-5.20e-03	0.0	106.8	28.03	-1.57	0.0	-135.71	0.0	2949.04
						213.6	62.10	-49.49	0.0	-135.71	0.0	0.0
286	75	2949.04	0.0	-0.03	-106.23	0.0	-55.65	56.74	0.0	-164.65	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	106.8	-14.19	-1.57	0.0	-164.65	0.0	2949.04
						213.6	19.88	-49.49	0.0	-164.65	0.0	0.0
286	78	2949.04	0.0	-0.03	-106.23	0.0	60.33	56.74	0.0	-136.66	0.0	0.0
		0.0	0.0	0.03	0.0	106.8	101.78	-1.57	0.0	-136.66	0.0	2949.04
						213.6	135.86	-49.49	0.0	-136.66	0.0	0.0
286	79	2435.92	0.0	-0.02	-87.95	0.0	14.93	46.79	0.0	-137.47	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	49.07	-1.22	0.0	-137.47	0.0	2435.92
						213.6	77.46	-41.15	0.0	-137.47	0.0	0.0
286	82	5894.10	0.0	-0.07	-211.15	0.0	-69.92	113.80	0.0	-226.42	0.0	0.0
		0.0	0.0	0.03	0.0	106.8	13.53	-3.56	0.0	-226.42	0.0	5894.10
						213.6	80.22	-97.35	0.0	-226.42	0.0	0.0
286	85	7128.74	0.0	-0.09	-255.14	0.0	-100.22	137.73	0.0	-258.24	0.0	0.0
		0.0	0.0	0.03	0.0	106.8	0.84	-4.39	0.0	-258.24	0.0	7128.74
						213.6	81.20	-117.41	0.0	-258.24	0.0	0.0
286	86	2435.92	0.0	-0.02	-87.95	0.0	14.93	46.79	0.0	-137.47	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	49.07	-1.22	0.0	-137.47	0.0	2435.92
						213.6	77.46	-41.15	0.0	-137.47	0.0	0.0
286	87	3291.13	0.0	-0.03	-118.41	0.0	-6.05	63.36	0.0	-159.44	0.0	0.0
		0.0	0.0	0.02	0.0	106.8	40.28	-1.80	0.0	-159.44	0.0	3291.13
						213.6	78.15	-55.05	0.0	-159.44	0.0	0.0
286	90	3648.15	0.0	-0.04	-131.13	0.0	-14.82	70.28	0.0	-168.65	0.0	0.0
		0.0	0.0	0.02	0.0	106.8	36.61	-2.04	0.0	-168.65	0.0	3648.15
						213.6	78.43	-60.85	0.0	-168.65	0.0	0.0
286	91	2435.92	0.0	-0.02	-87.95	0.0	14.93	46.79	0.0	-137.47	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	49.07	-1.22	0.0	-137.47	0.0	2435.92
						213.6	77.46	-41.15	0.0	-137.47	0.0	0.0
286	92	2949.04	0.0	-0.03	-106.23	0.0	2.34	56.74	0.0	-150.65	0.0	0.0
		0.0	0.0	0.01	0.0	106.8	43.79	-1.57	0.0	-150.65	0.0	2949.04
						213.6	77.87	-49.49	0.0	-150.65	0.0	0.0
287	1	3409.22	0.0	-0.03	-123.67	0.0	-35.28	65.93	0.0	298.62	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	13.29	-1.77	0.0	298.62	0.0	3409.22
						212.3	53.44	-57.74	0.0	298.62	0.0	0.0
287	7	4654.02	0.0	-0.05	-167.94	0.0	-95.10	90.32	0.0	311.36	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	-28.34	-2.75	0.0	311.36	0.0	4654.02
						212.3	25.38	-77.62	0.0	311.36	0.0	0.0
287	11	1.036e+04	0.0	-0.13	-372.80	0.0	-267.52	201.45	0.0	577.72	0.0	0.0
		0.0	0.0	-0.06	0.0	106.2	-118.34	-6.51	0.0	577.72	0.0	1.036e+04
						212.3	-0.08	-171.36	0.0	577.72	0.0	0.0
287	14	9071.75	0.0	-0.11	-326.27	0.0	-242.61	176.44	0.0	488.66	0.0	0.0
		0.0	0.0	-0.05	0.0	106.2	-111.90	-5.76	0.0	488.66	0.0	9071.75
						212.3	-8.56	-149.83	0.0	488.66	0.0	0.0
287	15	2910.92	0.0	-0.03	-105.47	0.0	-31.11	56.34	0.0	235.24	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	10.43	-1.56	0.0	235.24	0.0	2910.92
						212.3	44.55	-49.13	0.0	235.24	0.0	0.0
287	25	2910.92	0.0	-0.02	-105.47	0.0	-40.94	56.34	0.0	252.77	0.0	0.0
		0.0	0.0	-0.02	0.0	106.2	0.60	-1.56	0.0	252.77	0.0	2910.92
						212.3	34.72	-49.13	0.0	252.77	0.0	0.0
287	35	2910.92	0.0	-0.02	-105.47	0.0	-67.99	56.34	0.0	251.73	0.0	0.0
		0.0	0.0	-0.04	0.0	106.2	-26.46	-1.56	0.0	251.73	0.0	2910.92
						212.3	7.67	-49.13	0.0	251.73	0.0	0.0
287	38	2910.92	0.0	-0.02	-105.47	0.0	-5.60	56.34	0.0	230.88	0.0	0.0
		0.0	0.0	-0.01	0.0	106.2	35.94	-1.56	0.0	230.88	0.0	2910.92
						212.3	70.07	-49.13	0.0	230.88	0.0	0.0
287	40	2910.92	0.0	-0.03	-105.47	0.0	7.91	56.34	0.0	224.01	0.0	0.0
		0.0	0.0	-0.01	0.0	106.2	49.45	-1.56	0.0	224.01	0.0	2910.92
						212.3	83.57	-49.13	0.0	224.01	0.0	0.0
287	41	2910.92	0.0	-0.02	-105.47	0.0	-81.50	56.34	0.0	258.60	0.0	0.0

		0.0	0.0	-0.04	0.0	106.2	-39.96	-1.56	0.0	258.60	0.0	2910.92
						212.3	-5.84	-49.13	0.0	258.60	0.0	0.0
287	47	2910.92	0.0	-0.03	-105.47	0.0	-29.59	56.34	0.0	233.66	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	11.94	-1.56	0.0	233.66	0.0	2910.92
						212.3	46.07	-49.13	0.0	233.66	0.0	0.0
287	57	2910.92	0.0	-0.02	-105.47	0.0	-42.11	56.34	0.0	255.81	0.0	0.0
		0.0	0.0	-0.02	0.0	106.2	-0.58	-1.56	0.0	255.81	0.0	2910.92
						212.3	33.55	-49.13	0.0	255.81	0.0	0.0
287	67	2910.92	0.0	-0.02	-105.47	0.0	-76.40	56.34	0.0	254.63	0.0	0.0
		0.0	0.0	-0.05	0.0	106.2	-34.87	-1.56	0.0	254.63	0.0	2910.92
						212.3	-0.74	-49.13	0.0	254.63	0.0	0.0
287	70	2910.92	0.0	-0.02	-105.47	0.0	2.82	56.34	0.0	227.98	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	106.2	44.35	-1.56	0.0	227.98	0.0	2910.92
						212.3	78.48	-49.13	0.0	227.98	0.0	0.0
287	72	2910.92	0.0	-0.03	-105.47	0.0	20.08	56.34	0.0	219.23	0.0	0.0
		0.0	0.0	-0.01	0.0	106.2	61.61	-1.56	0.0	219.23	0.0	2910.92
						212.3	95.74	-49.13	0.0	219.23	0.0	0.0
287	73	2910.92	0.0	-0.02	-105.47	0.0	-93.66	56.34	0.0	263.38	0.0	0.0
		0.0	0.0	-0.04	0.0	106.2	-52.13	-1.56	0.0	263.38	0.0	2910.92
						212.3	-18.00	-49.13	0.0	263.38	0.0	0.0
287	79	2404.20	0.0	-0.02	-87.31	0.0	-19.85	46.46	0.0	220.94	0.0	0.0
		0.0	0.0	-0.02	0.0	106.2	14.35	-1.21	0.0	220.94	0.0	2404.20
						212.3	42.79	-40.85	0.0	220.94	0.0	0.0
287	81	4093.26	0.0	-0.04	-147.84	0.0	-76.33	79.39	0.0	288.82	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	-17.69	-2.36	0.0	288.82	0.0	4093.26
						212.3	29.72	-68.46	0.0	288.82	0.0	0.0
287	85	7038.41	0.0	-0.08	-253.40	0.0	-174.67	136.80	0.0	407.01	0.0	0.0
		0.0	0.0	-0.04	0.0	106.2	-73.40	-4.37	0.0	407.01	0.0	7038.41
						212.3	7.10	-116.59	0.0	407.01	0.0	0.0
287	86	2404.20	0.0	-0.02	-87.31	0.0	-19.85	46.46	0.0	220.94	0.0	0.0
		0.0	0.0	-0.02	0.0	106.2	14.35	-1.21	0.0	220.94	0.0	2404.20
						212.3	42.79	-40.85	0.0	220.94	0.0	0.0
287	87	3248.73	0.0	-0.03	-117.58	0.0	-48.09	62.93	0.0	254.88	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	-1.67	-1.79	0.0	254.88	0.0	3248.73
						212.3	36.26	-54.65	0.0	254.88	0.0	0.0
287	90	3601.29	0.0	-0.03	-130.21	0.0	-59.85	69.80	0.0	269.02	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	-8.32	-2.03	0.0	269.02	0.0	3601.29
						212.3	33.56	-60.41	0.0	269.02	0.0	0.0
287	91	2404.20	0.0	-0.02	-87.31	0.0	-19.85	46.46	0.0	220.94	0.0	0.0
		0.0	0.0	-0.02	0.0	106.2	14.35	-1.21	0.0	220.94	0.0	2404.20
						212.3	42.79	-40.85	0.0	220.94	0.0	0.0
287	92	2910.92	0.0	-0.02	-105.47	0.0	-36.79	56.34	0.0	241.30	0.0	0.0
		0.0	0.0	-0.03	0.0	106.2	4.74	-1.56	0.0	241.30	0.0	2910.92
						212.3	38.87	-49.13	0.0	241.30	0.0	0.0
288	4	8946.59	0.0	-0.12	-316.04	0.0	-161.42	170.53	0.0	-454.49	0.0	0.0
		0.0	0.0	0.03	0.0	108.2	-38.81	-5.41	0.0	-454.49	0.0	8946.59
						216.5	58.82	-145.51	0.0	-454.49	0.0	0.0
288	9	9026.20	0.0	-0.12	-318.84	0.0	-163.21	172.05	0.0	-456.03	0.0	0.0
		0.0	0.0	0.03	0.0	108.2	-39.51	-5.46	0.0	-456.03	0.0	9026.20
						216.5	58.98	-146.79	0.0	-456.03	0.0	0.0
288	11	1.088e+04	0.0	-0.14	-384.04	0.0	-207.63	207.52	0.0	-507.83	0.0	0.0
		0.0	0.0	0.04	0.0	108.2	-58.34	-6.70	0.0	-507.83	0.0	1.088e+04
						216.5	60.00	-176.52	0.0	-507.83	0.0	0.0
288	12	7677.80	0.0	-0.10	-271.08	0.0	-143.09	146.40	0.0	-371.01	0.0	0.0
		0.0	0.0	0.03	0.0	108.2	-37.80	-4.69	0.0	-371.01	0.0	7677.80
						216.5	45.82	-124.69	0.0	-371.01	0.0	0.0
288	22	3046.33	0.0	-0.03	-108.27	0.0	-66.94	57.83	0.0	-252.72	0.0	0.0
		0.0	0.0	-0.01	0.0	108.2	-25.53	-1.60	0.0	-252.72	0.0	3046.33
						216.5	8.51	-50.44	0.0	-252.72	0.0	0.0
288	33	3046.33	0.0	-0.04	-108.27	0.0	-86.85	57.83	0.0	-250.83	0.0	0.0
		0.0	0.0	0.01	0.0	108.2	-45.43	-1.60	0.0	-250.83	0.0	3046.33
						216.5	-11.40	-50.44	0.0	-250.83	0.0	0.0
288	40	3046.33	0.0	-0.02	-108.27	0.0	35.15	57.83	0.0	-234.16	0.0	0.0
		0.0	0.0	7.87e-03	0.0	108.2	76.57	-1.60	0.0	-234.16	0.0	3046.33
						216.5	110.61	-50.44	0.0	-234.16	0.0	0.0
288	41	3046.33	0.0	-0.04	-108.27	0.0	-99.98	57.83	0.0	-251.88	0.0	0.0
		0.0	0.0	5.37e-03	0.0	108.2	-58.56	-1.60	0.0	-251.88	0.0	3046.33
						216.5	-24.52	-50.44	0.0	-251.88	0.0	0.0
288	54	3046.33	0.0	-0.03	-108.27	0.0	-76.23	57.83	0.0	-255.24	0.0	0.0
		0.0	0.0	-0.02	0.0	108.2	-34.81	-1.60	0.0	-255.24	0.0	3046.33
						216.5	-0.78	-50.44	0.0	-255.24	0.0	0.0
288	64	3046.33	0.0	-0.02	-108.27	0.0	36.73	57.83	0.0	-233.13	0.0	0.0
		0.0	0.0	1.93e-03	0.0	108.2	78.15	-1.60	0.0	-233.13	0.0	3046.33
						216.5	112.18	-50.44	0.0	-233.13	0.0	0.0
288	65	3046.33	0.0	-0.05	-108.27	0.0	-101.55	57.83	0.0	-252.91	0.0	0.0
		0.0	0.0	0.01	0.0	108.2	-60.14	-1.60	0.0	-252.91	0.0	3046.33
						216.5	-26.10	-50.44	0.0	-252.91	0.0	0.0

288	72	3046.33	0.0	-0.02	-108.27	0.0	53.49	57.83	0.0	-231.78	0.0	0.0
		0.0	0.0	8.19e-03	0.0	108.2	94.91	-1.60	0.0	-231.78	0.0	3046.33
						216.5	128.94	-50.44	0.0	-231.78	0.0	0.0
288	73	3046.33	0.0	-0.05	-108.27	0.0	-118.31	57.83	0.0	-254.25	0.0	0.0
		0.0	0.0	5.05e-03	0.0	108.2	-76.90	-1.60	0.0	-254.25	0.0	3046.33
						216.5	-42.86	-50.44	0.0	-254.25	0.0	0.0
288	82	6102.09	0.0	-0.08	-215.69	0.0	-105.51	116.26	0.0	-327.90	0.0	0.0
		0.0	0.0	0.02	0.0	108.2	-21.95	-3.64	0.0	-327.90	0.0	6102.09
						216.5	44.80	-99.43	0.0	-327.90	0.0	0.0
288	83	6155.17	0.0	-0.08	-217.56	0.0	-106.70	117.28	0.0	-328.93	0.0	0.0
		0.0	0.0	0.02	0.0	108.2	-22.41	-3.68	0.0	-328.93	0.0	6155.17
						216.5	44.91	-100.28	0.0	-328.93	0.0	0.0
288	85	7391.57	0.0	-0.10	-261.02	0.0	-136.31	140.92	0.0	-363.46	0.0	0.0
		0.0	0.0	0.03	0.0	108.2	-34.97	-4.50	0.0	-363.46	0.0	7391.57
						216.5	45.59	-120.10	0.0	-363.46	0.0	0.0
288	87	3399.59	0.0	-0.04	-120.69	0.0	-40.87	64.59	0.0	-252.88	0.0	0.0
		0.0	0.0	8.48e-03	0.0	108.2	5.42	-1.83	0.0	-252.88	0.0	3399.59
						216.5	43.24	-56.10	0.0	-252.88	0.0	0.0
288	88	3244.19	0.0	-0.03	-115.23	0.0	-37.12	61.62	0.0	-248.36	0.0	0.0
		0.0	0.0	7.27e-03	0.0	108.2	7.03	-1.73	0.0	-248.36	0.0	3244.19
						216.5	43.18	-53.61	0.0	-248.36	0.0	0.0
288	90	3774.08	0.0	-0.04	-133.85	0.0	-49.81	71.75	0.0	-263.16	0.0	0.0
		0.0	0.0	0.01	0.0	108.2	1.65	-2.09	0.0	-263.16	0.0	3774.08
						216.5	43.47	-62.11	0.0	-263.16	0.0	0.0
288	91	2516.45	0.0	-0.02	-89.64	0.0	-19.72	47.70	0.0	-228.22	0.0	0.0
		0.0	0.0	3.83e-03	0.0	108.2	14.39	-1.24	0.0	-228.22	0.0	2516.45
						216.5	42.75	-41.94	0.0	-228.22	0.0	0.0
288	92	3046.33	0.0	-0.03	-108.27	0.0	-32.41	57.83	0.0	-243.02	0.0	0.0
		0.0	0.0	6.62e-03	0.0	108.2	9.00	-1.60	0.0	-243.02	0.0	3046.33
						216.5	43.04	-50.44	0.0	-243.02	0.0	0.0
289	9	8276.55	0.0	-0.09	-289.18	0.0	-135.44	151.49	0.0	0.07	0.0	0.0
		0.0	0.0	-0.04	0.0	107.6	-27.26	-2.38	0.0	0.07	0.0	8276.55
						215.2	67.86	-137.69	0.0	0.07	0.0	0.0
289	11	9963.91	0.0	-0.12	-347.71	0.0	-171.29	182.32	0.0	0.08	0.0	0.0
		0.0	0.0	-0.04	0.0	107.6	-41.06	-2.92	0.0	0.08	0.0	9963.91
						215.2	73.16	-165.39	0.0	0.08	0.0	0.0
289	14	8722.26	0.0	-0.10	-304.16	0.0	-154.21	159.58	0.0	0.07	0.0	0.0
		0.0	0.0	-0.04	0.0	107.6	-40.21	-2.59	0.0	0.07	0.0	8722.26
						215.2	59.62	-144.59	0.0	0.07	0.0	0.0
289	15	2821.09	0.0	-0.03	-99.46	0.0	-6.16	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	3.07e-03	0.0	107.6	30.71	-0.70	0.0	0.04	0.0	2821.09
						215.2	63.76	-47.71	0.0	0.04	0.0	0.0
289	16	2821.09	0.0	-0.02	-99.46	0.0	-2.32	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	-7.34e-03	0.0	107.6	34.55	-0.70	0.0	0.04	0.0	2821.09
						215.2	67.60	-47.71	0.0	0.04	0.0	0.0
289	20	2821.09	0.0	-0.02	-99.46	0.0	-2.14	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	-8.09e-03	0.0	107.6	34.73	-0.70	0.0	0.04	0.0	2821.09
						215.2	67.79	-47.71	0.0	0.04	0.0	0.0
289	21	2821.09	0.0	-0.02	-99.46	0.0	-55.67	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	-18.80	-0.70	0.0	0.03	0.0	2821.09
						215.2	14.25	-47.71	0.0	0.03	0.0	0.0
289	32	2821.09	0.0	0.01	-99.46	0.0	-15.10	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	21.77	-0.70	0.0	0.03	0.0	2821.09
						215.2	54.82	-47.71	0.0	0.03	0.0	0.0
289	33	2821.09	0.0	-0.03	-99.46	0.0	-42.71	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-3.89e-03	0.0	107.6	-5.83	-0.70	0.0	0.03	0.0	2821.09
						215.2	27.22	-47.71	0.0	0.03	0.0	0.0
289	47	2821.09	0.0	-0.03	-99.46	0.0	-8.07e-03	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	8.46e-03	0.0	107.6	36.86	-0.70	0.0	0.04	0.0	2821.09
						215.2	69.91	-47.71	0.0	0.04	0.0	0.0
289	48	2821.09	0.0	-0.02	-99.46	0.0	4.87	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	-4.78e-03	0.0	107.6	41.74	-0.70	0.0	0.04	0.0	2821.09
						215.2	74.80	-47.71	0.0	0.04	0.0	0.0
289	52	2821.09	0.0	-0.02	-99.46	0.0	5.10	51.75	0.0	0.04	0.0	0.0
		0.0	0.0	-5.75e-03	0.0	107.6	41.97	-0.70	0.0	0.04	0.0	2821.09
						215.2	75.02	-47.71	0.0	0.04	0.0	0.0
289	53	2821.09	0.0	-0.02	-99.46	0.0	-62.91	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	-26.04	-0.70	0.0	0.03	0.0	2821.09
						215.2	7.01	-47.71	0.0	0.03	0.0	0.0
289	64	2821.09	0.0	0.02	-99.46	0.0	-11.37	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	25.50	-0.70	0.0	0.03	0.0	2821.09
						215.2	58.56	-47.71	0.0	0.03	0.0	0.0
289	65	2821.09	0.0	-0.03	-99.46	0.0	-46.44	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-3.60e-04	0.0	107.6	-9.57	-0.70	0.0	0.03	0.0	2821.09
						215.2	23.48	-47.71	0.0	0.03	0.0	0.0
289	83	5649.58	0.0	-0.06	-197.58	0.0	-88.96	103.43	0.0	0.05	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	-15.12	-1.60	0.0	0.05	0.0	5649.58

						215.2	49.94	-94.14	0.0	0.05	0.0	0.0
289	85	6774.49	0.0	-0.08	-236.60	0.0	-112.85	123.99	0.0	0.05	0.0	0.0
		0.0	0.0	-0.03	0.0	107.6	-24.31	-1.96	0.0	0.05	0.0	6774.49
						215.2	53.48	-112.61	0.0	0.05	0.0	0.0
289	88	3001.11	0.0	-0.02	-105.71	0.0	-32.72	55.04	0.0	0.03	0.0	0.0
		0.0	0.0	-0.02	0.0	107.6	6.50	-0.75	0.0	0.03	0.0	3001.11
						215.2	41.59	-50.67	0.0	0.03	0.0	0.0
289	90	3483.21	0.0	-0.03	-122.43	0.0	-42.96	63.85	0.0	0.04	0.0	0.0
		0.0	0.0	-0.02	0.0	107.6	2.56	-0.91	0.0	0.04	0.0	3483.21
						215.2	43.11	-58.58	0.0	0.04	0.0	0.0
289	91	2338.99	0.0	-0.01	-82.74	0.0	-18.66	42.94	0.0	0.03	0.0	0.0
		0.0	0.0	-0.02	0.0	107.6	11.91	-0.54	0.0	0.03	0.0	2338.99
						215.2	39.50	-39.80	0.0	0.03	0.0	0.0
289	92	2821.09	0.0	-0.02	-99.46	0.0	-28.90	51.75	0.0	0.03	0.0	0.0
		0.0	0.0	-0.02	0.0	107.6	7.97	-0.70	0.0	0.03	0.0	2821.09
						215.2	41.02	-47.71	0.0	0.03	0.0	0.0
290	1	3403.54	0.0	0.06	-122.96	0.0	105.45	57.67	0.0	-209.84	0.0	0.0
		0.0	0.0	0.03	0.0	106.4	65.36	1.61	0.0	-209.84	0.0	3403.54
						212.7	17.51	-65.29	0.0	-209.84	0.0	0.0
290	11	1.033e+04	0.0	0.16	-369.92	0.0	149.66	170.96	0.0	-504.10	0.0	0.0
		0.0	0.0	0.06	0.0	106.4	31.63	5.93	0.0	-504.10	0.0	1.033e+04
						212.7	-114.92	-198.97	0.0	-504.10	0.0	0.0
290	15	2905.47	0.0	0.05	-104.83	0.0	137.23	49.06	0.0	-183.21	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	103.16	1.42	0.0	-183.21	0.0	2905.47
						212.7	62.25	-55.77	0.0	-183.21	0.0	0.0
290	16	2905.47	0.0	0.04	-104.83	0.0	126.52	49.06	0.0	-176.83	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	92.45	1.42	0.0	-176.83	0.0	2905.47
						212.7	51.55	-55.77	0.0	-176.83	0.0	0.0
290	17	2905.47	0.0	0.06	-104.83	0.0	39.35	49.06	0.0	-170.39	0.0	0.0
		0.0	0.0	0.03	0.0	106.4	5.28	1.42	0.0	-170.39	0.0	2905.47
						212.7	-35.63	-55.77	0.0	-170.39	0.0	0.0
290	18	2905.47	0.0	0.06	-104.83	0.0	28.64	49.06	0.0	-164.01	0.0	0.0
		0.0	0.0	8.03e-03	0.0	106.4	-5.43	1.42	0.0	-164.01	0.0	2905.47
						212.7	-46.33	-55.77	0.0	-164.01	0.0	0.0
290	31	2905.47	0.0	0.05	-104.83	0.0	115.46	49.06	0.0	-186.17	0.0	0.0
		0.0	0.0	0.06	0.0	106.4	81.39	1.42	0.0	-186.17	0.0	2905.47
						212.7	40.49	-55.77	0.0	-186.17	0.0	0.0
290	42	2905.47	0.0	0.05	-104.83	0.0	51.56	49.06	0.0	-160.05	0.0	0.0
		0.0	0.0	-0.01	0.0	106.4	17.48	1.42	0.0	-160.05	0.0	2905.47
						212.7	-23.42	-55.77	0.0	-160.05	0.0	0.0
290	47	2905.47	0.0	0.04	-104.83	0.0	151.98	49.06	0.0	-185.86	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	117.91	1.42	0.0	-185.86	0.0	2905.47
						212.7	77.00	-55.77	0.0	-185.86	0.0	0.0
290	48	2905.47	0.0	0.04	-104.83	0.0	138.30	49.06	0.0	-177.70	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	104.23	1.42	0.0	-177.70	0.0	2905.47
						212.7	63.33	-55.77	0.0	-177.70	0.0	0.0
290	49	2905.47	0.0	0.06	-104.83	0.0	27.57	49.06	0.0	-169.52	0.0	0.0
		0.0	0.0	0.03	0.0	106.4	-6.50	1.42	0.0	-169.52	0.0	2905.47
						212.7	-47.41	-55.77	0.0	-169.52	0.0	0.0
290	50	2905.47	0.0	0.06	-104.83	0.0	13.89	49.06	0.0	-161.36	0.0	0.0
		0.0	0.0	3.66e-03	0.0	106.4	-20.18	1.42	0.0	-161.36	0.0	2905.47
						212.7	-61.08	-55.77	0.0	-161.36	0.0	0.0
290	63	2905.47	0.0	0.05	-104.83	0.0	124.39	49.06	0.0	-189.66	0.0	0.0
		0.0	0.0	0.07	0.0	106.4	90.32	1.42	0.0	-189.66	0.0	2905.47
						212.7	49.42	-55.77	0.0	-189.66	0.0	0.0
290	74	2905.47	0.0	0.05	-104.83	0.0	42.90	49.06	0.0	-156.28	0.0	0.0
		0.0	0.0	-0.02	0.0	106.4	8.83	1.42	0.0	-156.28	0.0	2905.47
						212.7	-32.07	-55.77	0.0	-156.28	0.0	0.0
290	79	2400.64	0.0	0.04	-86.83	0.0	79.73	40.80	0.0	-152.19	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	51.34	1.11	0.0	-152.19	0.0	2400.64
						212.7	17.63	-46.03	0.0	-152.19	0.0	0.0
290	85	7017.57	0.0	0.11	-251.47	0.0	109.20	116.33	0.0	-348.37	0.0	0.0
		0.0	0.0	0.04	0.0	106.4	28.85	3.99	0.0	-348.37	0.0	7017.57
						212.7	-70.65	-135.14	0.0	-348.37	0.0	0.0
290	86	2400.64	0.0	0.04	-86.83	0.0	79.73	40.80	0.0	-152.19	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	51.34	1.11	0.0	-152.19	0.0	2400.64
						212.7	17.63	-46.03	0.0	-152.19	0.0	0.0
290	90	3593.27	0.0	0.06	-129.36	0.0	87.34	60.31	0.0	-202.85	0.0	0.0
		0.0	0.0	0.03	0.0	106.4	45.52	1.85	0.0	-202.85	0.0	3593.27
						212.7	-5.18	-69.05	0.0	-202.85	0.0	0.0
290	91	2400.64	0.0	0.04	-86.83	0.0	79.73	40.80	0.0	-152.19	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	51.34	1.11	0.0	-152.19	0.0	2400.64
						212.7	17.63	-46.03	0.0	-152.19	0.0	0.0
290	92	2905.47	0.0	0.05	-104.83	0.0	82.94	49.06	0.0	-173.61	0.0	0.0
		0.0	0.0	0.02	0.0	106.4	48.86	1.42	0.0	-173.61	0.0	2905.47
						212.7	7.96	-55.77	0.0	-173.61	0.0	0.0
291	1	3343.50	0.0	0.06	-120.88	0.0	92.63	57.23	0.0	236.96	0.0	0.0

		0.0	0.0	-0.02	0.0	105.8	52.27	1.28	0.0	236.96	0.0	3343.50
						211.5	5.43	-63.65	0.0	236.96	0.0	0.0
291	11	1.014e+04	0.0	0.16	-362.99	0.0	81.94	169.71	0.0	480.71	0.0	0.0
		0.0	0.0	-0.04	0.0	105.8	-37.08	4.71	0.0	480.71	0.0	1.014e+04
						211.5	-179.91	-193.28	0.0	480.71	0.0	0.0
291	19	2853.89	0.0	0.04	-103.03	0.0	95.73	48.69	0.0	174.78	0.0	0.0
		0.0	0.0	-0.02	0.0	105.8	61.42	1.13	0.0	174.78	0.0	2853.89
						211.5	21.41	-54.34	0.0	174.78	0.0	0.0
291	22	2853.89	0.0	0.06	-103.03	0.0	45.86	48.69	0.0	210.10	0.0	0.0
		0.0	0.0	-9.82e-03	0.0	105.8	11.55	1.13	0.0	210.10	0.0	2853.89
						211.5	-28.46	-54.34	0.0	210.10	0.0	0.0
291	23	2853.89	0.0	0.04	-103.03	0.0	98.69	48.69	0.0	177.52	0.0	0.0
		0.0	0.0	4.73e-03	0.0	105.8	64.38	1.13	0.0	177.52	0.0	2853.89
						211.5	24.36	-54.34	0.0	177.52	0.0	0.0
291	26	2853.89	0.0	0.06	-103.03	0.0	42.91	48.69	0.0	207.37	0.0	0.0
		0.0	0.0	-0.03	0.0	105.8	8.60	1.13	0.0	207.37	0.0	2853.89
						211.5	-31.42	-54.34	0.0	207.37	0.0	0.0
291	40	2853.89	0.0	0.05	-103.03	0.0	71.76	48.69	0.0	203.07	0.0	0.0
		0.0	0.0	-0.05	0.0	105.8	37.45	1.13	0.0	203.07	0.0	2853.89
						211.5	-2.56	-54.34	0.0	203.07	0.0	0.0
291	44	2853.89	0.0	0.05	-103.03	0.0	72.25	48.69	0.0	203.75	0.0	0.0
		0.0	0.0	-0.05	0.0	105.8	37.94	1.13	0.0	203.75	0.0	2853.89
						211.5	-2.08	-54.34	0.0	203.75	0.0	0.0
291	50	2853.89	0.0	0.06	-103.03	0.0	37.43	48.69	0.0	214.33	0.0	0.0
		0.0	0.0	-7.88e-03	0.0	105.8	3.12	1.13	0.0	214.33	0.0	2853.89
						211.5	-36.90	-54.34	0.0	214.33	0.0	0.0
291	51	2853.89	0.0	0.03	-103.03	0.0	102.48	48.69	0.0	169.98	0.0	0.0
		0.0	0.0	-0.02	0.0	105.8	68.17	1.13	0.0	169.98	0.0	2853.89
						211.5	28.16	-54.34	0.0	169.98	0.0	0.0
291	55	2853.89	0.0	0.03	-103.03	0.0	106.26	48.69	0.0	173.49	0.0	0.0
		0.0	0.0	9.79e-03	0.0	105.8	71.95	1.13	0.0	173.49	0.0	2853.89
						211.5	31.94	-54.34	0.0	173.49	0.0	0.0
291	58	2853.89	0.0	0.07	-103.03	0.0	35.33	48.69	0.0	211.39	0.0	0.0
		0.0	0.0	-0.04	0.0	105.8	1.02	1.13	0.0	211.39	0.0	2853.89
						211.5	-38.99	-54.34	0.0	211.39	0.0	0.0
291	72	2853.89	0.0	0.05	-103.03	0.0	72.01	48.69	0.0	206.06	0.0	0.0
		0.0	0.0	-0.06	0.0	105.8	37.70	1.13	0.0	206.06	0.0	2853.89
						211.5	-2.32	-54.34	0.0	206.06	0.0	0.0
291	76	2853.89	0.0	0.05	-103.03	0.0	72.64	48.69	0.0	206.94	0.0	0.0
		0.0	0.0	-0.05	0.0	105.8	38.33	1.13	0.0	206.94	0.0	2853.89
						211.5	-1.69	-54.34	0.0	206.94	0.0	0.0
291	79	2358.54	0.0	0.04	-85.38	0.0	71.58	40.49	0.0	174.61	0.0	0.0
		0.0	0.0	-0.01	0.0	105.8	43.01	0.88	0.0	174.61	0.0	2358.54
						211.5	9.99	-44.89	0.0	174.61	0.0	0.0
291	85	6888.82	0.0	0.11	-246.79	0.0	64.46	115.48	0.0	337.12	0.0	0.0
		0.0	0.0	-0.03	0.0	105.8	-16.56	3.17	0.0	337.12	0.0	6888.82
						211.5	-113.56	-131.31	0.0	337.12	0.0	0.0
291	86	2358.54	0.0	0.04	-85.38	0.0	71.58	40.49	0.0	174.61	0.0	0.0
		0.0	0.0	-0.01	0.0	105.8	43.01	0.88	0.0	174.61	0.0	2358.54
						211.5	9.99	-44.89	0.0	174.61	0.0	0.0
291	90	3528.78	0.0	0.06	-127.08	0.0	69.74	59.86	0.0	216.62	0.0	0.0
		0.0	0.0	-0.02	0.0	105.8	27.62	1.47	0.0	216.62	0.0	3528.78
						211.5	-21.93	-67.21	0.0	216.62	0.0	0.0
291	91	2358.54	0.0	0.04	-85.38	0.0	71.58	40.49	0.0	174.61	0.0	0.0
		0.0	0.0	-0.01	0.0	105.8	43.01	0.88	0.0	174.61	0.0	2358.54
						211.5	9.99	-44.89	0.0	174.61	0.0	0.0
291	92	2853.89	0.0	0.05	-103.03	0.0	70.80	48.69	0.0	192.44	0.0	0.0
		0.0	0.0	-0.01	0.0	105.8	36.49	1.13	0.0	192.44	0.0	2853.89
						211.5	-3.53	-54.34	0.0	192.44	0.0	0.0
292	3	6274.61	0.0	0.04	-222.57	0.0	63.40	103.76	0.0	-363.74	0.0	0.0
		0.0	0.0	0.04	0.0	107.5	-7.43	3.13	0.0	-363.74	0.0	6274.61
						215.0	-93.26	-118.81	0.0	-363.74	0.0	0.0
292	11	1.100e+04	0.0	0.11	-388.91	0.0	64.69	180.39	0.0	-496.96	0.0	0.0
		0.0	0.0	0.06	0.0	107.5	-58.15	5.86	0.0	-496.96	0.0	1.100e+04
						215.0	-209.04	-208.52	0.0	-496.96	0.0	0.0
292	22	3067.23	0.0	-0.01	-109.27	0.0	55.19	51.28	0.0	-248.12	0.0	0.0
		0.0	0.0	0.04	0.0	107.5	20.08	1.40	0.0	-248.12	0.0	3067.23
						215.0	-21.72	-57.99	0.0	-248.12	0.0	0.0
292	28	3067.23	0.0	-0.01	-109.27	0.0	18.56	51.28	0.0	-214.05	0.0	0.0
		0.0	0.0	-9.54e-03	0.0	107.5	-16.55	1.40	0.0	-214.05	0.0	3067.23
						215.0	-58.35	-57.99	0.0	-214.05	0.0	0.0
292	36	3067.23	0.0	0.02	-109.27	0.0	7.01	51.28	0.0	-226.94	0.0	0.0
		0.0	0.0	2.33e-03	0.0	107.5	-28.10	1.40	0.0	-226.94	0.0	3067.23
						215.0	-69.90	-57.99	0.0	-226.94	0.0	0.0
292	37	3067.23	0.0	-0.02	-109.27	0.0	89.65	51.28	0.0	-232.23	0.0	0.0
		0.0	0.0	0.04	0.0	107.5	54.54	1.40	0.0	-232.23	0.0	3067.23
						215.0	12.74	-57.99	0.0	-232.23	0.0	0.0

292	39	3067.23 0.0	0.0 0.0	-0.03 0.03	-109.27 0.0	0.0 107.5 215.0	69.96 34.85 -6.95	51.28 1.40 -57.99	0.0 0.0 0.0	-221.15 -221.15 -221.15	0.0 0.0 0.0	0.0 3067.23 0.0
292	44	3067.23 0.0	0.0 0.0	0.02 -1.11e-03	-109.27 0.0	0.0 107.5 215.0	15.71 -19.40 -61.20	51.28 1.40 -57.99	0.0 0.0 0.0	-227.80 -227.80 -227.80	0.0 0.0 0.0	0.0 3067.23 0.0
292	54	3067.23 0.0	0.0 0.0	0.01 0.05	-109.27 0.0	0.0 107.5 215.0	56.96 21.85 -19.95	51.28 1.40 -57.99	0.0 0.0 0.0	-253.14 -253.14 -253.14	0.0 0.0 0.0	0.0 3067.23 0.0
292	60	3067.23 0.0	0.0 0.0	-0.01 -0.02	-109.27 0.0	0.0 107.5 215.0	10.54 -24.57 -66.37	51.28 1.40 -57.99	0.0 0.0 0.0	-209.82 -209.82 -209.82	0.0 0.0 0.0	0.0 3067.23 0.0
292	68	3067.23 0.0	0.0 0.0	0.03 -3.01e-03	-109.27 0.0	0.0 107.5 215.0	-4.25 -39.36 -81.16	51.28 1.40 -57.99	0.0 0.0 0.0	-226.22 -226.22 -226.22	0.0 0.0 0.0	0.0 3067.23 0.0
292	69	3067.23 0.0	0.0 0.0	-0.03 0.05	-109.27 0.0	0.0 107.5 215.0	100.91 65.80 24.00	51.28 1.40 -57.99	0.0 0.0 0.0	-232.95 -232.95 -232.95	0.0 0.0 0.0	0.0 3067.23 0.0
292	76	3067.23 0.0	0.0 0.0	0.03 -7.43e-03	-109.27 0.0	0.0 107.5 215.0	6.85 -28.26 -70.06	51.28 1.40 -57.99	0.0 0.0 0.0	-227.34 -227.34 -227.34	0.0 0.0 0.0	0.0 3067.23 0.0
292	77	3067.23 0.0	0.0 0.0	-0.03 0.05	-109.27 0.0	0.0 107.5 215.0	89.81 54.70 12.90	51.28 1.40 -57.99	0.0 0.0 0.0	-231.83 -231.83 -231.83	0.0 0.0 0.0	0.0 3067.23 0.0
292	81	4320.01 0.0	0.0 0.0	0.02 0.03	-153.37 0.0	0.0 107.5 215.0	48.64 -0.26 -59.31	71.60 2.12 -81.77	0.0 0.0 0.0	-265.35 -265.35 -265.35	0.0 0.0 0.0	0.0 4320.01 0.0
292	85	7470.01 0.0	0.0 0.0	0.07 0.04	-264.27 0.0	0.0 107.5 215.0	49.51 -34.08 -136.50	122.69 3.93 -141.58	0.0 0.0 0.0	-354.17 -354.17 -354.17	0.0 0.0 0.0	0.0 7470.01 0.0
292	87	3425.17 0.0	0.0 0.0	-0.01 0.02	-121.87 0.0	0.0 107.5 215.0	48.42 9.37 -37.36	57.08 1.60 -64.78	0.0 0.0 0.0	-239.80 -239.80 -239.80	0.0 0.0 0.0	0.0 3425.17 0.0
292	90	3804.62 0.0	0.0 0.0	0.01 0.03	-135.23 0.0	0.0 107.5 215.0	48.53 5.30 -46.65	63.24 1.82 -71.99	0.0 0.0 0.0	-250.41 -250.41 -250.41	0.0 0.0 0.0	0.0 3804.62 0.0
292	92	3067.23 0.0	0.0 0.0	-0.01 0.02	-109.27 0.0	0.0 107.5 215.0	48.33 13.22 -28.58	51.28 1.40 -57.99	0.0 0.0 0.0	-229.58 -229.58 -229.58	0.0 0.0 0.0	0.0 3067.23 0.0

Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-3.445e+04	-9416.75	-0.52	-836.25	-3237.42	-456.24	-79.02	-548.96
	3.687e+04	9900.26	0.20	0.0	1709.08	465.25	76.86	605.36

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
94	1	-1.585e+05	1.435e+04	-6.52e-03	-1.15	0.0	-2120.36	-3309.54	-47.09	2.168e+04	1.435e+04	-1.585e+05
		-2.151e+05	1.251e+04	5.94e-05		19.5	-2120.36	-1415.07	-47.09	2.071e+04	1.343e+04	-2.045e+05
						39.0	-2120.36	415.69	-47.09	1.976e+04	1.251e+04	-2.141e+05
94	4	-1.789e+05	1.503e+04	-7.79e-03	-1.31	0.0	-1996.17	-3963.53	-21.25	3.176e+04	1.503e+04	-1.789e+05
		-2.494e+05	1.420e+04	7.06e-06		19.5	-1996.17	-1784.13	-21.25	3.050e+04	1.461e+04	-2.348e+05
						39.0	-1996.17	319.24	-21.25	2.929e+04	1.420e+04	-2.490e+05
94	5	-1.194e+05	1.112e+04	-4.82e-03	-0.86	0.0	-1636.55	-2454.01	-41.04	1.526e+04	1.112e+04	-1.194e+05
		-1.608e+05	9523.84	5.31e-05		19.5	-1636.55	-1033.78	-41.04	1.455e+04	1.032e+04	-1.533e+05
						39.0	-1636.55	339.34	-41.04	1.386e+04	9523.84	-1.600e+05
94	8	-1.397e+05	1.180e+04	-6.09e-03	-1.02	0.0	-1512.37	-3108.00	-15.19	2.534e+04	1.180e+04	-1.397e+05
		-1.952e+05	1.121e+04	-1.67e-06		19.5	-1512.37	-1402.83	-15.19	2.435e+04	1.151e+04	-1.836e+05
						39.0	-1512.37	242.89	-15.19	2.339e+04	1.121e+04	-1.948e+05
94	9	-1.652e+05	1.621e+04	-6.57e-03	-1.19	0.0	-2068.25	-3388.04	-58.43	2.209e+04	1.621e+04	-1.652e+05
		-2.223e+05	1.394e+04	6.02e-05		19.5	-2068.25	-1421.19	-58.43	2.109e+04	1.507e+04	-2.120e+05
						39.0	-2068.25	481.49	-58.43	2.011e+04	1.394e+04	-2.211e+05
94	15	-1.101e+05	3.684e+04	-0.01	-0.95	0.0	-444.82	-1928.54	-227.84	1.434e+04	3.684e+04	-1.101e+05
		-1.587e+05	1.829e+04	1.60e-04		19.5	-444.82	-501.26	-227.84	1.382e+04	2.756e+04	-1.519e+05
						39.0	-444.82	883.27	-227.84	1.329e+04	1.829e+04	-1.537e+05
94	18	-1.383e+05	1258.48	0.01	-0.85	0.0	-2782.80	-3329.14	163.81	2.173e+04	-1.479e+04	-1.383e+05
		-1.842e+05	-1.479e+04	-8.33e-05		19.5	-2782.80	-1774.58	163.81	2.068e+04	-6767.80	-1.699e+05
						39.0	-2782.80	-278.46	163.81	1.969e+04	1258.48	-1.842e+05
94	40	-1.273e+05	4.406e+04	0.02	-0.78	0.0	-2027.39	-3304.12	201.88	2.533e+04	4.131e+04	-1.273e+05
		-1.976e+05	4.131e+04	-4.92e-04		19.5	-2027.39	-1614.95	201.88	2.376e+04	4.269e+04	-1.804e+05
						39.0	-2027.39	8.34	201.88	2.225e+04	4.406e+04	-1.976e+05
94	41	-1.212e+05	-1.926e+04	-0.02	-1.04	0.0	-1200.23	-1953.56	-265.91	1.073e+04	-1.926e+04	-1.212e+05
		-1.431e+05	-2.452e+04	5.68e-04		19.5	-1200.23	-660.89	-265.91	1.074e+04	-2.189e+04	-1.413e+05
						39.0	-1200.23	596.47	-265.91	1.072e+04	-2.452e+04	-1.403e+05
94	46	-1.341e+05	3.580e+04	0.02	-0.77	0.0	-2574.16	-3590.92	243.98	2.672e+04	3.153e+04	-1.341e+05
		-2.019e+05	3.153e+04	-4.98e-04		19.5	-2574.16	-1895.64	243.98	2.512e+04	3.366e+04	-1.820e+05
						39.0	-2574.16	-268.32	243.98	2.359e+04	3.580e+04	-2.019e+05

94	47	-1.063e+05	4.382e+04	-0.01	-0.96	0.0	-128.93	-1739.33	-280.76	1.335e+04	4.382e+04	-1.063e+05
		-1.565e+05	2.059e+04	1.93e-04		19.5	-128.93	-329.24	-280.76	1.289e+04	3.220e+04	-1.494e+05
						39.0	-128.93	1040.22	-280.76	1.242e+04	2.059e+04	-1.495e+05
94	50	-1.422e+05	-1042.17	0.01	-0.84	0.0	-3098.69	-3518.35	216.73	2.272e+04	-2.177e+04	-1.422e+05
		-1.883e+05	-2.177e+04	-1.16e-04		19.5	-3098.69	-1946.60	216.73	2.161e+04	-1.141e+04	-1.723e+05
						39.0	-3098.69	-435.42	216.73	2.056e+04	-1042.17	-1.883e+05
94	72	-1.281e+05	5.333e+04	0.03	-0.76	0.0	-2139.16	-3486.61	265.14	2.731e+04	4.949e+04	-1.281e+05
		-2.054e+05	4.949e+04	-6.35e-04		19.5	-2139.16	-1743.87	265.14	2.552e+04	5.141e+04	-1.857e+05
						39.0	-2139.16	-71.13	265.14	2.381e+04	5.333e+04	-2.054e+05
94	73	-1.204e+05	-2.745e+04	-0.03	-1.07	0.0	-1088.47	-1771.07	-329.18	8760.91	-2.745e+04	-1.204e+05
		-1.363e+05	-3.378e+04	7.12e-04		19.5	-1088.47	-531.97	-329.18	8976.55	-3.061e+04	-1.360e+05
						39.0	-1088.47	675.94	-329.18	9163.48	-3.378e+04	-1.325e+05
94	78	-1.368e+05	4.283e+04	0.03	-0.75	0.0	-2833.67	-3850.89	318.62	2.906e+04	3.707e+04	-1.368e+05
		-2.108e+05	3.707e+04	-6.43e-04		19.5	-2833.67	-2100.40	318.62	2.725e+04	3.995e+04	-1.877e+05
						39.0	-2833.67	-422.56	318.62	2.551e+04	4.283e+04	-2.108e+05
94	79	-1.208e+05	1.107e+04	-4.93e-03	-0.88	0.0	-1633.44	-2505.89	-38.32	1.606e+04	1.107e+04	-1.208e+05
		-1.634e+05	9579.21	4.89e-05		19.5	-1633.44	-1064.72	-38.32	1.533e+04	1.033e+04	-1.556e+05
						39.0	-1633.44	328.27	-38.32	1.462e+04	9579.21	-1.627e+05
94	82	-1.344e+05	1.153e+04	-5.78e-03	-0.98	0.0	-1550.65	-2941.89	-21.09	2.278e+04	1.153e+04	-1.344e+05
		-1.863e+05	1.070e+04	1.40e-05		19.5	-1550.65	-1310.75	-21.09	2.186e+04	1.112e+04	-1.758e+05
						39.0	-1550.65	263.97	-21.09	2.097e+04	1.070e+04	-1.859e+05
94	83	-1.253e+05	1.232e+04	-4.97e-03	-0.90	0.0	-1598.70	-2558.22	-45.88	1.634e+04	1.232e+04	-1.253e+05
		-1.682e+05	1.053e+04	4.95e-05		19.5	-1598.70	-1068.79	-45.88	1.558e+04	1.143e+04	-1.606e+05
						39.0	-1598.70	372.14	-45.88	1.485e+04	1.053e+04	-1.673e+05
94	86	-1.208e+05	1.107e+04	-4.93e-03	-0.88	0.0	-1633.44	-2505.89	-38.32	1.606e+04	1.107e+04	-1.208e+05
		-1.634e+05	9579.21	4.89e-05		19.5	-1633.44	-1064.72	-38.32	1.533e+04	1.033e+04	-1.556e+05
						39.0	-1633.44	328.27	-38.32	1.462e+04	9579.21	-1.627e+05
94	87	-1.265e+05	1.099e+04	-5.35e-03	-0.92	0.0	-1600.73	-2710.81	-27.81	1.935e+04	1.099e+04	-1.265e+05
		-1.736e+05	9904.16	3.13e-05		19.5	-1600.73	-1186.72	-27.81	1.853e+04	1.045e+04	-1.644e+05
						39.0	-1600.73	285.16	-27.81	1.774e+04	9904.16	-1.731e+05
94	88	-1.217e+05	1.132e+04	-4.94e-03	-0.88	0.0	-1626.49	-2516.36	-39.83	1.611e+04	1.132e+04	-1.217e+05
		-1.644e+05	9769.47	4.90e-05		19.5	-1626.49	-1065.53	-39.83	1.538e+04	1.055e+04	-1.566e+05
						39.0	-1626.49	337.05	-39.83	1.466e+04	9769.47	-1.636e+05
94	91	-1.208e+05	1.107e+04	-4.93e-03	-0.88	0.0	-1633.44	-2505.89	-38.32	1.606e+04	1.107e+04	-1.208e+05
		-1.634e+05	9579.21	4.89e-05		19.5	-1633.44	-1064.72	-38.32	1.533e+04	1.033e+04	-1.556e+05
						39.0	-1633.44	328.27	-38.32	1.462e+04	9579.21	-1.627e+05
94	92	-1.242e+05	1.102e+04	-5.18e-03	-0.90	0.0	-1613.81	-2628.84	-32.02	1.803e+04	1.102e+04	-1.242e+05
		-1.695e+05	9774.18	3.84e-05		19.5	-1613.81	-1137.92	-32.02	1.725e+04	1.040e+04	-1.609e+05
						39.0	-1613.81	302.40	-32.02	1.649e+04	9774.18	-1.689e+05
95	1	-9318.26	1.706e+04	-7.88e-03	-1.23	0.0	-1132.53	-5856.08	-77.08	2.470e+04	1.706e+04	-9318.26
		-1.585e+05	1.406e+04	3.93e-05		19.5	-1132.53	-3812.98	-77.08	2.366e+04	1.556e+04	-1.035e+05
						39.0	-1132.53	-1847.02	-77.08	2.265e+04	1.406e+04	-1.585e+05
95	4	-726.14	1.652e+04	-9.32e-03	-1.40	0.0	-797.54	-6908.45	-46.70	3.577e+04	1.652e+04	-726.14
		-1.789e+05	1.470e+04	-1.40e-05		19.5	-797.54	-4552.93	-46.70	3.442e+04	1.561e+04	-1.123e+05
						39.0	-797.54	-2288.60	-46.70	3.311e+04	1.470e+04	-1.789e+05
95	7	1173.61	1.170e+04	-7.23e-03	-1.08	0.0	-608.74	-5321.16	-27.63	2.826e+04	1.170e+04	1173.61
		-1.364e+05	1.063e+04	-1.49e-05		19.5	-608.74	-3515.42	-27.63	2.721e+04	1.116e+04	-8.487e+04
						39.0	-608.74	-1780.44	-27.63	2.619e+04	1.063e+04	-1.364e+05
95	8	-12.14	1.290e+04	-7.29e-03	-1.10	0.0	-571.47	-5413.81	-34.58	2.852e+04	1.290e+04	-12.14
		-1.397e+05	1.155e+04	-1.58e-05		19.5	-571.47	-3570.95	-34.58	2.744e+04	1.223e+04	-8.750e+04
						39.0	-571.47	-1799.39	-34.58	2.641e+04	1.155e+04	-1.397e+05
95	9	-1.169e+04	1.946e+04	-7.99e-03	-1.27	0.0	-1058.00	-6041.36	-90.97	2.520e+04	1.946e+04	-1.169e+04
		-1.652e+05	1.591e+04	3.74e-05		19.5	-1058.00	-3924.06	-90.97	2.413e+04	1.769e+04	-1.087e+05
						39.0	-1058.00	-1884.92	-90.97	2.309e+04	1.591e+04	-1.652e+05
95	15	2.539e+04	4.358e+04	-0.01	-1.02	0.0	405.18	-4004.46	-270.01	1.654e+04	4.358e+04	2.539e+04
		-1.101e+05	3.652e+04	1.31e-04		19.5	405.18	-2474.10	-270.01	1.598e+04	4.005e+04	-6.061e+04
						39.0	405.18	-997.79	-270.01	1.543e+04	3.652e+04	-1.101e+05
95	18	-3.706e+04	-1.492e+04	0.01	-0.91	0.0	-2059.13	-5264.23	161.43	2.444e+04	-1.775e+04	-3.706e+04
		-1.383e+05	-1.775e+04	-8.50e-05		19.5	-2059.13	-3577.05	161.43	2.331e+04	-1.634e+04	-1.002e+05
						39.0	-2059.13	-1958.07	161.43	2.224e+04	-1.492e+04	-1.383e+05
95	19	2.604e+04	4.341e+04	-0.01	-1.02	0.0	387.52	-3992.75	-257.56	1.621e+04	4.341e+04	2.604e+04
		-1.104e+05	2.343e+04	1.46e-04		19.5	387.52	-2463.61	-257.56	1.568e+04	3.342e+04	-6.021e+04
						39.0	387.52	-988.35	-257.56	1.517e+04	2.343e+04	-1.104e+05
95	41	9619.46	2.787e+04	-0.03	-1.12	0.0	-751.33	-3755.11	-342.39	1.273e+04	2.787e+04	9619.46
		-1.212e+05	-1.898e+04	5.82e-04		19.5	-751.33	-2376.17	-342.39	1.271e+04	4440.55	-7.972e+04
						39.0	-751.33	-1042.54	-342.39	1.268e+04	-1.898e+04	-1.212e+05
95	47	3.383e+04	5.187e+04	-0.02	-1.04	0.0	738.14	-3834.30	-328.31	1.547e+04	5.187e+04	3.383e+04
		-1.063e+05	4.347e+04	1.60e-04		19.5	738.14	-2325.11	-328.31	1.499e+04	4.767e+04	-5.526e+04
						39.0	738.14	-868.06	-328.31	1.451e+04	4.347e+04	-1.063e+05
95	50	-4.550e+04	-2.187e+04	0.01	-0.90	0.0	-2392.10	-5434.39	219.73	2.551e+04	-2.604e+04	-4.550e+04
		-1.422e+05	-2.604e+04	-1.14e-04		19.5	-2392.10	-3726.04	219.73	2.430e+04	-2.395e+04	-1.056e+05
						39.0	-2392.10	-2087.80	219.73	2.316e+04	-2.187e+04	-1.422e+05
95	51	3.465e+04	5.165e+04	-0.02	-1.04	0.0	715.71	-3819.45	-312.50	1.506e+04	5.165e+04	3.465e+04
		-1.066e+05	2.684e+04	1.79e-04		19.5	715.71	-2311.80	-312.50	1.461e+04	3.925e+04	-5.475e+04
						39.0	715.71	-856.08	-312.50	1.418e+04	2.684e+04	-1.066e+05
95	73	1.380e+04	3.191e+04	-0.04	-1.16	0.0	-730.88	-3517.53	-420.32	1.063e+04	3.191e+04	1.380e+04
		-1.204e+05	-2.703e+04	7.33e-04		19.5	-730.88	-2200.70	-420.32	1.083e+04	2437.31	-7.953e+04

95	79	-7792.40	1.326e+04	-5.97e-03	-0.94	39.0	-730.88	-924.91	-420.32	1.102e+04	-2.703e+04	-1.204e+05
		-1.208e+05	1.085e+04	3.34e-05		0.0	-886.52	-4442.40	-61.76	1.832e+04	1.326e+04	-7792.40
						19.5	-886.52	-2888.69	-61.76	1.754e+04	1.206e+04	-7.917e+04
95	81	-1273.82	1.210e+04	-6.89e-03	-1.04	39.0	-886.52	-1393.40	-61.76	1.679e+04	1.085e+04	-1.208e+05
		-1.322e+05	1.067e+04	-2.81e-06		0.0	-688.04	-5082.22	-36.87	2.554e+04	1.210e+04	-1273.82
						19.5	-688.04	-3344.96	-36.87	2.456e+04	1.139e+04	-8.333e+04
95	82	-2064.32	1.290e+04	-6.93e-03	-1.05	39.0	-688.04	-1675.16	-36.87	2.361e+04	1.067e+04	-1.322e+05
		-1.344e+05	1.128e+04	-3.31e-06		0.0	-663.19	-5143.98	-41.50	2.571e+04	1.290e+04	-2064.32
						19.5	-663.19	-3381.99	-41.50	2.471e+04	1.209e+04	-8.508e+04
95	83	-9373.41	1.486e+04	-6.04e-03	-0.96	39.0	-663.19	-1687.79	-41.50	2.376e+04	1.128e+04	-1.344e+05
		-1.253e+05	1.209e+04	3.21e-05		0.0	-836.83	-4565.92	-71.01	1.866e+04	1.486e+04	-9373.41
						19.5	-836.83	-2962.74	-71.01	1.786e+04	1.348e+04	-8.268e+04
95	86	-7792.40	1.326e+04	-5.97e-03	-0.94	39.0	-836.83	-1418.67	-71.01	1.708e+04	1.209e+04	-1.253e+05
		-1.208e+05	1.085e+04	3.34e-05		0.0	-886.52	-4442.40	-61.76	1.832e+04	1.326e+04	-7792.40
						19.5	-886.52	-2888.69	-61.76	1.754e+04	1.206e+04	-7.917e+04
95	87	-4533.11	1.268e+04	-6.43e-03	-0.99	39.0	-886.52	-1393.40	-61.76	1.679e+04	1.085e+04	-1.208e+05
		-1.265e+05	1.076e+04	1.59e-05		0.0	-787.28	-4762.31	-49.31	2.193e+04	1.268e+04	-4533.11
						19.5	-787.28	-3116.83	-49.31	2.105e+04	1.172e+04	-8.125e+04
95	88	-8108.60	1.358e+04	-5.99e-03	-0.94	39.0	-787.28	-1534.28	-49.31	2.020e+04	1.076e+04	-1.265e+05
		-1.217e+05	1.110e+04	3.31e-05		0.0	-876.58	-4467.10	-63.61	1.839e+04	1.358e+04	-8108.60
						19.5	-876.58	-2903.50	-63.61	1.761e+04	1.234e+04	-7.987e+04
95	91	-7792.40	1.326e+04	-5.97e-03	-0.94	39.0	-876.58	-1398.46	-63.61	1.684e+04	1.110e+04	-1.217e+05
		-1.208e+05	1.085e+04	3.34e-05		0.0	-886.52	-4442.40	-61.76	1.832e+04	1.326e+04	-7792.40
						19.5	-886.52	-2888.69	-61.76	1.754e+04	1.206e+04	-7.917e+04
95	92	-5836.83	1.292e+04	-6.25e-03	-0.97	39.0	-886.52	-1393.40	-61.76	1.679e+04	1.085e+04	-1.208e+05
		-1.242e+05	1.080e+04	2.29e-05		0.0	-826.98	-4634.34	-54.29	2.049e+04	1.292e+04	-5836.83
						19.5	-826.98	-3025.57	-54.29	1.965e+04	1.186e+04	-8.042e+04
96	4	2.141e+05	2.023e+04	-9.89e-03	-1.48	39.0	-826.98	-1477.93	-54.29	1.883e+04	1.080e+04	-1.242e+05
		-729.58	1.604e+04	-3.99e-05		0.0	799.84	-7843.38	-102.12	4.139e+04	2.023e+04	2.141e+05
						20.5	799.84	-5222.54	-102.12	3.988e+04	1.813e+04	8.032e+04
96	5	1.266e+05	1.765e+04	-6.28e-03	-0.97	41.0	799.84	-2701.47	-102.12	3.842e+04	1.604e+04	-729.58
		-8606.98	1.320e+04	1.88e-05		0.0	82.43	-4985.81	-108.53	2.048e+04	1.765e+04	1.266e+05
						20.5	82.43	-3286.86	-108.53	1.964e+04	1.132e+04	4.190e+04
96	7	1.665e+05	1.414e+04	-7.66e-03	-1.13	41.0	82.43	-1651.30	-108.53	1.883e+04	1.320e+04	-8606.98
		1171.00	1.132e+04	-3.35e-05		0.0	625.27	-6030.72	-68.78	3.266e+04	1.414e+04	1.665e+05
						20.5	625.27	-4019.98	-68.78	3.147e+04	1.273e+04	6.363e+04
96	9	1.760e+05	2.528e+04	-8.58e-03	-1.33	41.0	625.27	-2086.49	-68.78	3.034e+04	1.132e+04	1171.00
		-1.169e+04	1.911e+04	9.52e-06		0.0	313.43	-6912.78	-150.44	2.953e+04	2.528e+04	1.760e+05
						20.5	313.43	-4564.17	-150.44	2.834e+04	2.220e+04	5.854e+04
96	15	1.790e+05	5.545e+04	-0.01	-1.08	41.0	313.43	-2302.16	-150.44	2.719e+04	1.911e+04	-1.169e+04
		2.539e+04	4.331e+04	1.07e-04		0.0	1449.39	-4941.96	-339.06	1.989e+04	5.545e+04	1.790e+05
						20.5	1449.39	-3248.71	-339.06	1.925e+04	4.938e+04	8.331e+04
96	18	9.681e+04	-1.804e+04	0.01	-0.96	41.0	1449.39	-1617.44	-339.06	1.862e+04	4.331e+04	2.539e+04
		-3.706e+04	-2.221e+04	-9.81e-05		0.0	-986.18	-5623.79	144.67	2.793e+04	-2.221e+04	9.681e+04
						20.5	-986.18	-3741.51	144.67	2.669e+04	-2.012e+04	1.281e+04
96	22	9.604e+04	-1.778e+04	0.01	-0.96	41.0	-986.18	-1932.03	144.67	2.552e+04	-1.804e+04	-3.706e+04
		-3.771e+04	-2.027e+04	-1.18e-04		0.0	-967.97	-5628.20	132.72	2.822e+04	-2.027e+04	9.604e+04
						20.5	-967.97	-3744.37	132.72	2.695e+04	-1.902e+04	1.211e+04
96	31	1.907e+05	6.005e+04	-0.03	-1.18	41.0	-967.97	-1933.48	132.72	2.573e+04	-1.778e+04	-3.771e+04
		2.245e+04	4.249e+04	5.04e-04		0.0	842.96	-4412.89	-564.64	1.647e+04	6.005e+04	1.907e+05
						20.5	842.96	-2896.68	-564.64	1.631e+04	5.127e+04	8.588e+04
96	34	8.515e+04	-1.722e+04	0.03	-0.85	41.0	842.96	-1432.22	-564.64	1.612e+04	4.249e+04	2.245e+04
		-3.413e+04	-2.681e+04	-4.95e-04		0.0	-379.76	-6152.86	370.25	3.135e+04	-2.681e+04	8.515e+04
						20.5	-379.76	-4093.55	370.25	2.963e+04	-2.201e+04	1.024e+04
96	43	1.936e+05	4.959e+04	-0.03	-1.19	41.0	-379.76	-2117.25	370.25	2.802e+04	-1.722e+04	-3.413e+04
		2.457e+04	3.865e+04	6.09e-04		0.0	770.31	-4382.56	-503.22	1.512e+04	4.959e+04	1.936e+05
						20.5	770.31	-2876.19	-503.22	1.507e+04	4.812e+04	8.833e+04
96	47	1.901e+05	6.595e+04	-0.02	-1.09	41.0	770.31	-1420.82	-503.22	1.501e+04	3.465e+04	2.457e+04
		3.382e+04	5.160e+04	1.34e-04		0.0	1778.47	-4849.99	-404.43	1.880e+04	6.595e+04	1.901e+05
						20.5	1778.47	-3182.20	-404.43	1.825e+04	5.877e+04	9.283e+04
96	50	8.570e+04	-2.633e+04	0.02	-0.94	41.0	1778.47	-1574.95	-404.43	1.769e+04	5.160e+04	3.382e+04
		-4.550e+04	-3.271e+04	-1.26e-04		0.0	-1315.26	-5715.76	210.04	2.901e+04	-3.271e+04	8.570e+04
						20.5	-1315.26	-3808.02	210.04	2.769e+04	-2.952e+04	3285.99
96	54	8.472e+04	-2.600e+04	0.02	-0.94	41.0	-1315.26	-1974.52	210.04	2.645e+04	-2.633e+04	-4.550e+04
		-4.632e+04	-3.024e+04	-1.51e-04		0.0	-1292.13	-5721.37	194.87	2.938e+04	-3.024e+04	8.472e+04
						20.5	-1292.13	-3811.66	194.87	2.802e+04	-2.812e+04	2401.90
96	63	2.049e+05	7.179e+04	-0.04	-1.23	41.0	-1292.13	-1976.36	194.87	2.672e+04	-2.600e+04	-4.632e+04
		3.009e+04	5.056e+04	6.39e-04		0.0	1008.17	-4177.82	-690.99	1.446e+04	7.179e+04	2.049e+05
						20.5	1008.17	-2734.96	-690.99	1.452e+04	6.117e+04	9.610e+04
96	66	7.089e+04	-2.528e+04	0.04	-0.82	41.0	1008.17	-1339.64	-690.99	1.451e+04	5.056e+04	3.009e+04
		-4.177e+04	-3.854e+04	-6.30e-04		0.0	-544.97	-6387.93	496.59	3.336e+04	-2.528e+04	7.089e+04
						20.5	-544.97	-4255.26	496.59	3.143e+04	-3.191e+04	21.10
96	75	2.087e+05	5.851e+04	-0.04	-1.23	41.0	-544.97	-2209.83	496.59	2.963e+04	-2.528e+04	-4.177e+04
		3.279e+04	4.569e+04	7.72e-04		0.0	915.90	-4139.25	-613.02	1.274e+04	5.851e+04	2.087e+05
						20.5	915.90	-2708.92	-613.02	1.294e+04	5.210e+04	9.921e+04
96	79	1.299e+05	1.732e+04	-6.40e-03	-0.98	41.0	915.90	-1325.15	-613.02	1.311e+04	4.569e+04	3.279e+04
						0.0	123.03	-5073.89	-105.15	2.147e+04	1.732e+04	1.299e+05

		-7795.12	1.301e+04	1.47e-05		20.5	123.03	-3348.49	-105.15	2.060e+04	1.517e+04	4.371e+04
						41.0	123.03	-1687.70	-105.15	1.977e+04	1.301e+04	-7795.12
96	81	1.566e+05	1.498e+04	-7.32e-03	-1.09	0.0	484.93	-5770.50	-78.64	2.959e+04	1.498e+04	1.566e+05
		-1276.46	1.176e+04	-2.01e-05		20.5	484.93	-3837.24	-78.64	2.849e+04	1.337e+04	5.820e+04
						41.0	484.93	-1977.82	-78.64	2.744e+04	1.176e+04	-1276.46
96	82	1.578e+05	1.601e+04	-7.36e-03	-1.11	0.0	522.56	-5846.71	-84.36	2.980e+04	1.601e+04	1.578e+05
		-2066.98	1.255e+04	-2.20e-05		20.5	522.56	-3887.07	-84.36	2.869e+04	1.428e+04	5.816e+04
						41.0	522.56	-2001.74	-84.36	2.762e+04	1.255e+04	-2066.98
96	83	1.324e+05	1.938e+04	-6.49e-03	-1.01	0.0	198.28	-5226.31	-116.57	2.189e+04	1.938e+04	1.324e+05
		-9376.15	1.460e+04	1.10e-05		20.5	198.28	-3448.16	-116.57	2.100e+04	1.699e+04	4.364e+04
						41.0	198.28	-1735.54	-116.57	2.014e+04	1.460e+04	-9376.15
96	86	1.299e+05	1.732e+04	-6.40e-03	-0.98	0.0	123.03	-5073.89	-105.15	2.147e+04	1.732e+04	1.299e+05
		-7795.12	1.301e+04	1.47e-05		20.5	123.03	-3348.49	-105.15	2.060e+04	1.517e+04	4.371e+04
						41.0	123.03	-1687.70	-105.15	1.977e+04	1.301e+04	-7795.12
96	87	1.432e+05	1.615e+04	-6.86e-03	-1.04	0.0	303.98	-5422.20	-91.90	2.553e+04	1.615e+04	1.432e+05
		-4535.79	1.239e+04	-4.23e-06		20.5	303.98	-3592.86	-91.90	2.455e+04	1.427e+04	5.096e+04
						41.0	303.98	-1832.76	-91.90	2.360e+04	1.239e+04	-4535.79
96	88	1.304e+05	1.774e+04	-6.42e-03	-0.99	0.0	138.08	-5104.38	-107.43	2.155e+04	1.774e+04	1.304e+05
		-8111.32	1.333e+04	1.40e-05		20.5	138.08	-3368.42	-107.43	2.068e+04	1.553e+04	4.370e+04
						41.0	138.08	-1697.26	-107.43	1.984e+04	1.333e+04	-8111.32
96	91	1.299e+05	1.732e+04	-6.40e-03	-0.98	0.0	123.03	-5073.89	-105.15	2.147e+04	1.732e+04	1.299e+05
		-7795.12	1.301e+04	1.47e-05		20.5	123.03	-3348.49	-105.15	2.060e+04	1.517e+04	4.371e+04
						41.0	123.03	-1687.70	-105.15	1.977e+04	1.301e+04	-7795.12
96	92	1.379e+05	1.662e+04	-6.68e-03	-1.02	0.0	231.60	-5282.88	-97.20	2.391e+04	1.662e+04	1.379e+05
		-5839.52	1.264e+04	4.29e-06		20.5	231.60	-3495.11	-97.20	2.297e+04	1.463e+04	4.806e+04
						41.0	231.60	-1774.73	-97.20	2.207e+04	1.264e+04	-5839.52
97	4	3.979e+05	2.761e+04	-8.01e-03	-1.11	0.0	1592.50	-6384.59	-185.23	4.782e+04	2.761e+04	3.979e+05
		2.141e+05	2.002e+04	-7.19e-05		20.5	1592.50	-4472.88	-185.23	4.664e+04	2.382e+04	2.867e+05
						41.0	1592.50	-2618.72	-185.23	4.551e+04	2.002e+04	2.141e+05
97	5	2.421e+05	2.438e+04	-5.19e-03	-0.73	0.0	557.93	-4041.72	-163.29	2.382e+04	2.438e+04	2.421e+05
		1.266e+05	1.768e+04	-9.84e-06		20.5	557.93	-2812.34	-163.29	2.317e+04	2.103e+04	1.720e+05
						41.0	557.93	-1620.21	-163.29	2.255e+04	1.768e+04	1.266e+05
97	7	3.080e+05	1.939e+04	-6.20e-03	-0.85	0.0	1239.43	-4910.36	-132.33	3.769e+04	1.939e+04	3.080e+05
		1.665e+05	1.396e+04	-5.59e-05		20.5	1239.43	-3443.04	-132.33	3.677e+04	1.667e+04	2.224e+05
						41.0	1239.43	-2020.23	-132.33	3.589e+04	1.396e+04	1.665e+05
97	9	3.365e+05	3.456e+04	-7.05e-03	-1.00	0.0	976.65	-5609.26	-226.18	3.432e+04	3.456e+04	3.365e+05
		1.760e+05	2.529e+04	-3.04e-05		20.5	976.65	-3906.51	-226.18	3.340e+04	2.992e+04	2.391e+05
						41.0	976.65	-2254.42	-226.18	3.251e+04	2.529e+04	1.760e+05
97	15	3.039e+05	7.174e+04	-0.01	-0.81	0.0	1938.07	-4044.70	-415.16	2.392e+04	7.174e+04	3.039e+05
		1.790e+05	5.544e+04	-3.46e-04		20.5	1938.07	-2809.48	-415.16	2.337e+04	6.359e+04	2.276e+05
						41.0	1938.07	-1607.53	-415.16	2.281e+04	5.544e+04	1.790e+05
97	18	2.178e+05	-2.226e+04	0.01	-0.72	0.0	-445.21	-4532.62	106.26	3.153e+04	-2.590e+04	2.178e+05
		9.681e+04	-2.590e+04	3.02e-04		20.5	-445.21	-3173.40	106.26	3.063e+04	-2.408e+04	1.449e+05
						41.0	-445.21	-1859.61	106.26	2.980e+04	-2.226e+04	9.681e+04
97	31	3.279e+05	8.484e+04	-0.03	-0.89	0.0	1253.29	-3691.07	-654.23	2.214e+04	8.484e+04	3.279e+05
		1.907e+05	6.025e+04	3.21e-04		20.5	1253.29	-2601.17	-654.23	2.180e+04	7.255e+04	2.441e+05
						41.0	1253.29	-1540.46	-654.23	2.140e+04	6.025e+04	1.907e+05
97	34	1.938e+05	-2.707e+04	0.03	-0.64	0.0	239.57	-4886.25	345.32	3.330e+04	-3.900e+04	1.938e+05
		8.515e+04	-3.900e+04	-3.65e-04		20.5	239.57	-3381.71	345.32	3.220e+04	-3.303e+04	1.285e+05
						41.0	239.57	-1926.67	345.32	3.121e+04	-2.707e+04	8.515e+04
97	43	3.311e+05	6.991e+04	-0.03	-0.89	0.0	1186.45	-3696.76	-591.59	2.127e+04	6.991e+04	3.311e+05
		1.936e+05	4.968e+04	5.74e-04		20.5	1186.45	-2612.99	-591.59	2.109e+04	5.980e+04	2.471e+05
						41.0	1186.45	-1556.11	-591.59	2.087e+04	4.968e+04	1.936e+05
97	46	1.906e+05	-1.650e+04	0.04	-0.63	0.0	306.41	-4880.56	282.69	3.418e+04	-2.406e+04	1.906e+05
		8.220e+04	-2.406e+04	-6.18e-04		20.5	306.41	-3369.90	282.69	3.291e+04	-2.028e+04	1.255e+05
						41.0	306.41	-1911.02	282.69	3.173e+04	-1.650e+04	8.220e+04
97	47	3.155e+05	8.494e+04	-0.02	-0.82	0.0	2260.08	-3978.89	-485.62	2.290e+04	8.494e+04	3.155e+05
		1.901e+05	6.594e+04	-4.34e-04		20.5	2260.08	-2760.36	-485.62	2.239e+04	7.544e+04	2.388e+05
						41.0	2260.08	-1573.48	-485.62	2.187e+04	6.594e+04	1.901e+05
97	50	2.062e+05	-3.276e+04	0.02	-0.71	0.0	-767.23	-4598.43	176.72	3.255e+04	-3.909e+04	2.062e+05
		8.570e+04	-3.909e+04	3.90e-04		20.5	-767.23	-3222.53	176.72	3.161e+04	-3.593e+04	1.337e+05
						41.0	-767.23	-1893.66	176.72	3.074e+04	-3.276e+04	8.570e+04
97	63	3.460e+05	1.016e+05	-0.04	-0.92	0.0	1390.26	-3529.63	-789.32	2.064e+04	1.016e+05	3.460e+05
		2.049e+05	7.205e+04	4.14e-04		20.5	1390.26	-2495.75	-789.32	2.040e+04	8.681e+04	2.597e+05
						41.0	1390.26	-1488.31	-789.32	2.007e+04	7.205e+04	2.049e+05
97	66	1.756e+05	-3.887e+04	0.04	-0.61	0.0	102.60	-5047.69	480.42	3.481e+04	-5.573e+04	1.756e+05
		7.090e+04	-5.573e+04	-4.58e-04		20.5	102.60	-3487.14	480.42	3.360e+04	-4.730e+04	1.129e+05
						41.0	102.60	-1978.83	480.42	3.253e+04	-3.887e+04	7.090e+04
97	75	3.500e+05	8.262e+04	-0.04	-0.93	0.0	1305.37	-3536.85	-709.82	1.953e+04	8.262e+04	3.500e+05
		2.087e+05	5.863e+04	7.35e-04		20.5	1305.37	-2510.73	-709.82	1.949e+04	7.063e+04	2.635e+05
						41.0	1305.37	-1508.16	-709.82	1.941e+04	5.863e+04	2.087e+05
97	78	1.716e+05	-2.545e+04	0.04	-0.61	0.0	187.49	-5040.47	400.91	3.592e+04	-3.677e+04	1.716e+05
		6.714e+04	-3.677e+04	-7.79e-04		20.5	187.49	-3472.15	400.91	3.451e+04	-3.111e+04	1.091e+05
						41.0	187.49	-1958.97	400.91	3.320e+04	-2.545e+04	6.714e+04
97	79	2.477e+05	2.392e+04	-5.28e-03	-0.74	0.0	610.13	-4114.93	-160.64	2.495e+04	2.392e+04	2.477e+05
		1.299e+05	1.733e+04	-1.28e-05		20.5	610.13	-2865.30	-160.64	2.428e+04	2.063e+04	1.762e+05
						41.0	610.13	-1653.56	-160.64	2.364e+04	1.733e+04	1.299e+05

97	81	2.916e+05	2.059e+04	-5.95e-03	-0.82	0.0	1064.46	-4694.03	-140.00	3.420e+04	2.059e+04	2.916e+05
		1.566e+05	1.485e+04	-4.38e-05		20.5	1064.46	-3285.77	-140.00	3.335e+04	1.772e+04	2.098e+05
						41.0	1064.46	-1920.24	-140.00	3.253e+04	1.485e+04	1.566e+05
97	82	2.946e+05	2.190e+04	-5.98e-03	-0.83	0.0	1108.22	-4756.24	-146.67	3.445e+04	2.190e+04	2.946e+05
		1.578e+05	1.589e+04	-4.73e-05		20.5	1108.22	-3328.65	-146.67	3.359e+04	1.889e+04	2.118e+05
						41.0	1108.22	-1944.05	-146.67	3.276e+04	1.589e+04	1.578e+05
97	83	2.537e+05	2.653e+04	-5.35e-03	-0.76	0.0	697.65	-4239.36	-173.97	2.545e+04	2.653e+04	2.537e+05
		1.324e+05	1.940e+04	-1.96e-05		20.5	697.65	-2951.08	-173.97	2.476e+04	2.297e+04	1.801e+05
						41.0	697.65	-1701.19	-173.97	2.410e+04	1.940e+04	1.324e+05
97	86	2.477e+05	2.392e+04	-5.28e-03	-0.74	0.0	610.13	-4114.93	-160.64	2.495e+04	2.392e+04	2.477e+05
		1.299e+05	1.733e+04	-1.28e-05		20.5	610.13	-2865.30	-160.64	2.428e+04	2.063e+04	1.762e+05
						41.0	610.13	-1653.56	-160.64	2.364e+04	1.733e+04	1.299e+05
97	87	2.696e+05	2.226e+04	-5.61e-03	-0.78	0.0	837.29	-4404.48	-150.32	2.957e+04	2.226e+04	2.696e+05
		1.432e+05	1.609e+04	-2.83e-05		20.5	837.29	-3075.53	-150.32	2.881e+04	1.918e+04	1.930e+05
						41.0	837.29	-1786.90	-150.32	2.808e+04	1.609e+04	1.432e+05
97	88	2.489e+05	2.444e+04	-5.29e-03	-0.74	0.0	627.63	-4139.82	-163.31	2.505e+04	2.444e+04	2.489e+05
		1.304e+05	1.775e+04	-1.41e-05		20.5	627.63	-2882.46	-163.31	2.438e+04	2.110e+04	1.770e+05
						41.0	627.63	-1663.09	-163.31	2.373e+04	1.775e+04	1.304e+05
97	91	2.477e+05	2.392e+04	-5.28e-03	-0.74	0.0	610.13	-4114.93	-160.64	2.495e+04	2.392e+04	2.477e+05
		1.299e+05	1.733e+04	-1.28e-05		20.5	610.13	-2865.30	-160.64	2.428e+04	2.063e+04	1.762e+05
						41.0	610.13	-1653.56	-160.64	2.364e+04	1.733e+04	1.299e+05
97	92	2.608e+05	2.292e+04	-5.48e-03	-0.76	0.0	746.43	-4288.66	-154.45	2.772e+04	2.292e+04	2.608e+05
		1.379e+05	1.659e+04	-2.20e-05		20.5	746.43	-2991.44	-154.45	2.700e+04	1.976e+04	1.863e+05
						41.0	746.43	-1733.57	-154.45	2.630e+04	1.659e+04	1.379e+05
98	4	7.786e+04	1.754e+04	-4.57e-03	-0.89	0.0	1567.15	1319.26	1082.64	3.939e+05	-3.009e+04	-5.040e+04
		-5.040e+04	-3.009e+04	-1.11e-04		22.0	1567.15	2910.19	1082.64	3.926e+05	-6276.01	-3924.55
						44.0	1567.15	4528.95	1082.64	3.916e+05	1.754e+04	7.786e+04
98	5	5.630e+04	-1.679e+04	2.47e-03	-0.59	0.0	1006.60	832.75	209.42	2.395e+05	-2.600e+04	-2.508e+04
		-2.508e+04	-2.600e+04	-4.87e-05		22.0	1006.60	1847.06	209.42	2.386e+05	-2.139e+04	4366.45
						44.0	1006.60	2876.42	209.42	2.380e+05	-1.679e+04	5.630e+04
98	9	7.647e+04	-1.498e+04	-3.53e-03	-0.80	0.0	1402.15	1147.18	495.30	3.330e+05	-3.678e+04	-3.615e+04
		-3.615e+04	-3.678e+04	-8.51e-05		22.0	1402.15	2555.93	495.30	3.318e+05	-2.588e+04	4545.92
						44.0	1402.15	3986.15	495.30	3.309e+05	-1.498e+04	7.647e+04
98	11	7.837e+04	8104.42	-4.30e-03	-0.87	0.0	1537.36	1277.66	945.24	3.788e+05	-3.349e+04	-4.640e+04
		-4.640e+04	-3.349e+04	-1.09e-04		22.0	1537.36	2831.30	945.24	3.775e+05	-1.269e+04	-1250.17
						44.0	1537.36	4411.08	945.24	3.765e+05	8104.42	7.837e+04
98	26	5.324e+04	7942.73	0.01	-0.58	0.0	867.54	825.33	-762.14	3.017e+05	7942.73	-3.451e+04
		-3.451e+04	-2.632e+04	-7.29e-05		22.0	867.54	1879.23	-762.14	3.008e+05	-9190.80	-2322.73
						44.0	867.54	2907.87	-762.14	3.002e+05	-2.632e+04	5.324e+04
98	31	6.352e+04	-4.831e+04	-0.03	-0.70	0.0	1460.39	969.04	847.93	1.930e+05	-8.666e+04	-2.439e+04
		-2.439e+04	-8.666e+04	3.68e-04		22.0	1460.39	2070.19	847.93	1.922e+05	-6.749e+04	6647.26
						44.0	1460.39	3317.65	847.93	1.916e+05	-4.831e+04	6.352e+04
98	34	5.071e+04	3.740e+04	0.03	-0.54	0.0	662.46	802.29	-74.42	3.232e+05	3.740e+04	-3.402e+04
		-3.402e+04	3.309e+04	-4.84e-04		22.0	662.46	1847.81	-74.42	3.221e+05	3.524e+04	-2540.46
						44.0	662.46	2780.89	-74.42	3.213e+05	3.309e+04	5.071e+04
98	36	5.173e+04	4.897e+04	0.03	-0.55	0.0	739.25	824.91	598.12	3.083e+05	2.220e+04	-3.202e+04
		-3.202e+04	2.220e+04	-5.82e-04		22.0	739.25	1875.22	598.12	3.071e+05	3.559e+04	-1022.06
						44.0	739.25	2815.03	598.12	3.063e+05	4.897e+04	5.173e+04
98	43	6.436e+04	-3.685e+04	-0.03	-0.71	0.0	1391.44	977.05	789.68	1.901e+05	-7.173e+04	-2.426e+04
		-2.426e+04	-7.173e+04	4.95e-04		22.0	1391.44	2071.09	789.68	1.892e+05	-5.429e+04	6871.29
						44.0	1391.44	3323.27	789.68	1.886e+05	-3.685e+04	6.436e+04
98	58	5.220e+04	1.675e+04	0.01	-0.57	0.0	815.13	809.02	-1072.61	3.135e+05	1.675e+04	-3.594e+04
		-3.594e+04	-3.138e+04	-7.70e-05		22.0	815.13	1857.72	-1072.61	3.126e+05	-7316.97	-3505.96
						44.0	815.13	2869.76	-1072.61	3.120e+05	-3.138e+04	5.220e+04
98	63	6.525e+04	-5.932e+04	-0.04	-0.73	0.0	1568.25	991.58	972.55	1.755e+05	-1.034e+05	-2.309e+04
		-2.309e+04	-1.034e+05	4.84e-04		22.0	1568.25	2100.22	972.55	1.747e+05	-8.137e+04	7890.22
						44.0	1568.25	3390.13	972.55	1.741e+05	-5.932e+04	6.525e+04
98	66	4.898e+04	5.416e+04	0.04	-0.52	0.0	554.61	779.75	-199.04	3.408e+05	5.416e+04	-3.533e+04
		-3.533e+04	4.409e+04	-5.99e-04		22.0	554.61	1817.78	-199.04	3.396e+05	4.913e+04	-3783.42
						44.0	554.61	2708.41	-199.04	3.388e+05	4.409e+04	4.898e+04
98	68	5.027e+04	6.427e+04	0.04	-0.53	0.0	652.15	808.49	655.24	3.219e+05	3.486e+04	-3.278e+04
		-3.278e+04	3.486e+04	-7.24e-04		22.0	652.15	1852.57	655.24	3.206e+05	4.956e+04	-1854.61
						44.0	652.15	2751.71	655.24	3.197e+05	6.427e+04	5.027e+04
98	75	6.632e+04	-4.476e+04	-0.04	-0.73	0.0	1480.73	1001.80	898.57	1.717e+05	-8.448e+04	-2.292e+04
		-2.292e+04	-8.448e+04	6.45e-04		22.0	1480.73	2101.37	898.57	1.709e+05	-6.462e+04	8175.11
						44.0	1480.73	3397.28	898.57	1.703e+05	-4.476e+04	6.632e+04
98	79	5.657e+04	-1.421e+04	-2.56e-03	-0.59	0.0	1022.80	848.39	258.20	2.450e+05	-2.557e+04	-2.628e+04
		-2.628e+04	-2.557e+04	-5.11e-05		22.0	1022.80	1880.32	258.20	2.441e+05	-1.989e+04	3709.43
						44.0	1022.80	2927.86	258.20	2.434e+05	-1.421e+04	5.657e+04
98	82	5.926e+04	8082.73	-3.33e-03	-0.67	0.0	1170.34	982.20	723.66	2.916e+05	-2.376e+04	-3.631e+04
		-3.631e+04	-2.376e+04	-7.90e-05		22.0	1170.34	2168.66	723.66	2.906e+05	-7837.88	-1683.77
						44.0	1170.34	3375.39	723.66	2.899e+05	8082.73	5.926e+04
98	83	5.834e+04	-1.360e+04	-2.63e-03	-0.61	0.0	1060.35	867.48	332.11	2.510e+05	-2.821e+04	-2.681e+04
		-2.681e+04	-2.821e+04	-6.19e-05		22.0	1060.35	1932.49	332.11	2.501e+05	-2.091e+04	3963.22
						44.0	1060.35	3013.52	332.11	2.494e+05	-1.360e+04	5.834e+04
98	85	5.961e+04	1790.94	-3.15e-03	-0.66	0.0	1150.49	954.47	632.06	2.816e+05	-2.602e+04	-3.364e+04
		-3.364e+04	-2.602e+04	-7.77e-05		22.0	1150.49	2116.06	632.06	2.805e+05	-1.211e+04	99.16

98	86	5.657e+04	-1.421e+04	-2.56e-03	-0.59	44.0	1150.49	3296.81	632.06	2.798e+05	1790.94	5.961e+04
		-2.628e+04	-2.557e+04	-5.11e-05		0.0	1022.80	848.39	258.20	2.450e+05	-2.557e+04	-2.628e+04
						22.0	1022.80	1880.32	258.20	2.441e+05	-1.989e+04	3709.43
98	87	5.748e+04	-3216.22	-2.93e-03	-0.63	44.0	1022.80	2927.86	258.20	2.434e+05	-1.421e+04	5.657e+04
		-3.116e+04	-2.400e+04	-6.23e-05		0.0	1087.18	910.52	472.46	2.668e+05	-2.400e+04	-3.116e+04
						22.0	1087.18	2011.45	472.46	2.659e+05	-1.361e+04	949.39
98	88	5.693e+04	-1.409e+04	-2.58e-03	-0.60	44.0	1087.18	3130.21	472.46	2.651e+05	-3216.22	5.748e+04
		-2.638e+04	-2.610e+04	-5.32e-05		0.0	1030.31	852.21	272.98	2.462e+05	-2.610e+04	-2.638e+04
						22.0	1030.31	1890.76	272.98	2.453e+05	-2.009e+04	3760.19
98	91	5.657e+04	-1.421e+04	-2.56e-03	-0.59	44.0	1030.31	2944.99	272.98	2.446e+05	-1.409e+04	5.693e+04
		-2.628e+04	-2.557e+04	-5.11e-05		0.0	1022.80	848.39	258.20	2.450e+05	-2.557e+04	-2.628e+04
						22.0	1022.80	1880.32	258.20	2.441e+05	-1.989e+04	3709.43
98	92	5.711e+04	-7613.90	-2.78e-03	-0.61	44.0	1022.80	2927.86	258.20	2.434e+05	-1.421e+04	5.657e+04
		-2.921e+04	-2.463e+04	-5.78e-05		0.0	1061.43	885.67	386.76	2.581e+05	-2.463e+04	-2.921e+04
						22.0	1061.43	1959.00	386.76	2.572e+05	-1.612e+04	2053.40
99	1	2.697e+04	417.85	0.02	-0.50	44.0	1061.43	3049.27	386.76	2.565e+05	-7613.90	5.711e+04
		-2.308e+05	-304.84	-6.77e-04		0.0	123.75	-3558.85	-2.43	8840.93	417.85	2.697e+04
						148.5	123.75	-174.82	-2.43	9581.48	56.51	-2.307e+05
99	7	1.816e+04	193.62	0.01	-0.43	297.0	123.75	2548.09	-2.43	1.072e+04	-304.84	-5.814e+04
		-1.655e+05	-162.39	-5.12e-04		0.0	-33.34	-2487.71	-1.20	5505.94	193.62	1.816e+04
						148.5	-33.34	-140.20	-1.20	5838.70	15.62	-1.651e+05
99	9	2.948e+04	466.12	0.02	-0.52	297.0	-33.34	1908.30	-1.20	6414.79	-162.39	-3.863e+04
		-2.453e+05	-301.42	-7.83e-04		0.0	177.70	-3802.13	-2.58	7154.85	466.12	2.948e+04
						148.5	177.70	-189.96	-2.58	8048.52	82.35	-2.450e+05
99	27	2.635e+04	909.44	-0.02	-0.40	297.0	177.70	2627.56	-2.58	9277.62	-301.42	-6.679e+04
		-1.735e+05	233.12	1.77e-03		0.0	160.86	-2661.27	-2.24	881.20	909.44	2.635e+04
						148.5	160.86	-67.45	-2.24	377.73	571.28	-1.721e+05
99	31	3.777e+04	833.94	-0.02	-0.42	297.0	160.86	2186.94	-2.24	-119.90	233.12	-2.568e+04
		-1.720e+05	752.99	4.46e-03		0.0	20.22	-2610.17	0.46	4364.73	752.99	3.777e+04
						148.5	20.22	64.41	0.46	4635.65	793.46	-1.681e+05
99	34	2879.46	-151.67	0.02	-0.36	297.0	20.22	2365.57	0.46	5073.46	833.94	-4667.37
		-1.828e+05	-1279.56	-5.50e-03		0.0	128.79	-2782.61	-3.99	8796.78	-151.67	2879.46
						148.5	128.79	-335.19	-3.99	9594.58	-715.61	-1.828e+05
99	39	3.599e+04	778.89	-0.02	-0.41	297.0	128.79	1536.90	-3.99	1.082e+04	-1279.56	-8.279e+04
		-1.720e+05	726.94	5.53e-03		0.0	184.27	-2610.47	0.11	4221.41	778.89	3.599e+04
						148.5	184.27	45.09	0.11	4484.47	752.91	-1.684e+05
99	42	4651.53	-177.57	0.02	-0.37	297.0	184.27	2331.93	0.11	4906.18	752.91	-8384.83
		-1.825e+05	-1172.56	-6.57e-03		0.0	-35.25	-2782.31	-3.63	8940.09	-177.57	4651.53
						148.5	-35.25	-315.87	-3.63	9745.77	-675.07	-1.825e+05
99	63	4.248e+04	1119.53	-0.02	-0.42	297.0	-35.25	1570.54	-3.63	1.099e+04	-1172.56	-7.907e+04
		-1.711e+05	875.04	5.81e-03		0.0	5.13	-2586.88	1.07	3766.54	875.04	4.248e+04
						148.5	5.13	118.40	1.07	3966.39	997.28	-1.661e+05
99	66	-1833.76	-273.72	0.02	-0.36	297.0	5.13	2477.54	1.07	4298.08	1119.53	5888.15
		-1.848e+05	-1565.15	-6.85e-03		0.0	143.88	-2805.90	-4.59	9394.96	-273.72	-1833.76
						148.5	143.88	-389.19	-4.59	1.026e+04	-919.43	-1.848e+05
99	71	4.023e+04	983.60	-0.02	-0.42	297.0	143.88	1424.94	-4.59	1.159e+04	-1565.15	-9.334e+04
		-1.710e+05	908.01	7.17e-03		0.0	214.08	-2587.26	0.61	3583.91	908.01	4.023e+04
						148.5	214.08	93.86	0.61	3773.79	945.81	-1.664e+05
99	74	416.63	-306.69	0.02	-0.36	297.0	214.08	2434.82	0.61	4085.03	983.60	1166.83
		-1.844e+05	-1429.22	-8.21e-03		0.0	-65.07	-2805.53	-4.14	9577.59	-306.69	416.63
						148.5	-65.07	-364.64	-4.14	1.046e+04	-867.96	-1.844e+05
99	79	2.092e+04	330.31	0.01	-0.38	297.0	-65.07	1467.65	-4.14	1.181e+04	-1429.22	-8.862e+04
		-1.783e+05	-239.57	-5.22e-04		0.0	104.49	-2753.85	-1.92	6872.92	330.31	2.092e+04
						148.5	104.49	-134.05	-1.92	7464.96	45.37	-1.783e+05
99	81	1.893e+04	231.49	0.01	-0.42	297.0	104.49	1962.89	-1.92	8368.13	-239.57	-4.514e+04
		-1.691e+05	-183.71	-5.14e-04		0.0	4.54	-2562.32	-1.40	5899.03	231.49	1.893e+04
						148.5	4.54	-138.52	-1.40	6298.80	23.89	-1.688e+05
99	83	2.259e+04	362.49	0.02	-0.39	297.0	4.54	1924.05	-1.40	6961.10	-183.71	-4.044e+04
		-1.880e+05	-237.30	-5.93e-04		0.0	140.46	-2916.03	-2.02	5748.87	362.49	2.259e+04
						148.5	140.46	-144.14	-2.02	6442.99	62.60	-1.878e+05
99	86	2.092e+04	330.31	0.01	-0.38	297.0	140.46	2015.87	-2.02	7405.64	-237.30	-5.090e+04
		-1.783e+05	-239.57	-5.22e-04		0.0	104.49	-2753.85	-1.92	6872.92	330.31	2.092e+04
						148.5	104.49	-134.05	-1.92	7464.96	45.37	-1.783e+05
99	87	1.993e+04	280.90	0.01	-0.40	297.0	104.49	1962.89	-1.92	8368.13	-239.57	-4.514e+04
		-1.737e+05	-211.64	-5.18e-04		0.0	54.52	-2658.09	-1.66	6385.97	280.90	1.993e+04
						148.5	54.52	-136.29	-1.66	6881.88	34.63	-1.735e+05
99	88	2.125e+04	336.74	0.01	-0.38	297.0	54.52	1943.47	-1.66	7664.61	-211.64	-4.279e+04
		-1.802e+05	-239.11	-5.37e-04		0.0	111.69	-2786.29	-1.94	6648.11	336.74	2.125e+04
						148.5	111.69	-136.07	-1.94	7260.57	48.81	-1.802e+05
99	91	2.092e+04	330.31	0.01	-0.38	297.0	111.69	1973.48	-1.94	8175.63	-239.11	-4.629e+04
		-1.783e+05	-239.57	-5.22e-04		0.0	104.49	-2753.85	-1.92	6872.92	330.31	2.092e+04
						148.5	104.49	-134.05	-1.92	7464.96	45.37	-1.783e+05
99	92	2.032e+04	300.66	0.01	-0.39	297.0	104.49	1962.89	-1.92	8368.13	-239.57	-4.514e+04
		-1.756e+05	-222.81	-5.20e-04		0.0	74.51	-2696.39	-1.76	6580.75	300.66	2.032e+04
						148.5	74.51	-135.39	-1.76	7115.12	38.92	-1.754e+05
144	4	1.040e+05	-1.501e+04	-0.02	-1.34	297.0	74.51	1951.24	-1.76	7946.02	-222.81	-4.373e+04
						0.0	1003.01	-3164.35	38.72	5.674e+04	-1.740e+04	8.223e+04

		3.900e+04 -1.740e+04	-1.08e-04			30.8	1003.01	376.94	38.72	5.465e+04 -1.621e+04	3.962e+04
144	5	7.395e+04 -1.578e+04	-0.01	-0.91		61.7	1003.01	3775.30	38.72	5.267e+04 -1.501e+04	1.040e+05
		2.810e+04 -1.891e+04	-1.36e-04			0.0	728.63	-2056.80	50.79	3.699e+04 -1.891e+04	5.533e+04
						30.8	728.63	318.15	50.79	3.555e+04 -1.735e+04	2.877e+04
144	7	7.953e+04 -1.073e+04	-0.01	-1.03		61.7	728.63	2596.36	50.79	3.418e+04 -1.578e+04	7.395e+04
		2.989e+04 -1.232e+04	-6.91e-05			0.0	757.50	-2435.94	25.78	4.358e+04 -1.232e+04	6.326e+04
						30.8	757.50	282.17	25.78	4.198e+04 -1.153e+04	3.033e+04
144	9	9.940e+04 -2.051e+04	-0.01	-1.24		61.7	757.50	2890.39	25.78	4.047e+04 -1.073e+04	7.953e+04
		3.746e+04 -2.460e+04	-1.86e-04			0.0	993.62	-2819.55	66.35	5.086e+04 -2.460e+04	7.500e+04
						30.8	993.62	417.53	66.35	4.890e+04 -2.256e+04	3.830e+04
144	11	1.033e+05 -1.698e+04	-0.02	-1.32		61.7	993.62	3523.68	66.35	4.705e+04 -2.051e+04	9.940e+04
		3.870e+04 -1.999e+04	-1.40e-04			0.0	1013.83	-3084.95	48.84	5.548e+04 -1.999e+04	8.055e+04
						30.8	1013.83	392.35	48.84	5.341e+04 -1.849e+04	3.939e+04
144	28	7.505e+04 -2.457e+04	-0.04	-1.00		61.7	1013.83	3729.51	48.84	5.145e+04 -1.698e+04	1.033e+05
		2.729e+04 -3.556e+04	-2.95e-04			0.0	1065.91	-1990.19	264.45	3.569e+04 -3.556e+04	5.874e+04
						30.8	1065.91	307.79	264.45	3.399e+04 -3.007e+04	2.781e+04
144	29	7.622e+04 1419.04	0.04	-0.90		61.7	1065.91	2781.85	264.45	3.236e+04 -2.457e+04	7.505e+04
		3.001e+04 -4188.49	6.16e-05			0.0	409.38	-2342.04	-177.15	4.210e+04 1419.04	5.653e+04
						30.8	409.38	309.51	-177.15	4.082e+04 -1384.73	3.070e+04
144	43	9.507e+04 1.211e+04	-0.02	-1.09		61.7	409.38	2583.76	-177.15	3.964e+04 -4188.49	6.222e+04
		4.084e+04 -9517.91	1.26e-03			0.0	712.60	-1853.11	-539.62	2.803e+04 1.211e+04	7.371e+04
						30.8	712.60	377.70	-539.62	2.775e+04 1296.43	4.159e+04
144	44	5.909e+04 -2.405e+04	-0.02	-0.85		61.7	712.60	3091.87	-539.62	2.754e+04 -9517.91	9.507e+04
		1.772e+04 -5.161e+04	-1.36e-03			0.0	939.25	-2330.60	652.15	4.620e+04 -5.161e+04	4.483e+04
						30.8	939.25	250.54	652.15	4.358e+04 -3.783e+04	1.816e+04
144	45	9.218e+04 1.747e+04	0.02	-1.04		61.7	939.25	2395.81	652.15	4.106e+04 -2.405e+04	5.909e+04
		3.958e+04 -4711.22	1.13e-03			0.0	536.04	-2001.63	-564.84	3.159e+04 1.747e+04	7.044e+04
						30.8	536.04	366.77	-564.84	3.123e+04 6379.28	4.035e+04
144	46	5.620e+04 -1.924e+04	0.02	-0.80		61.7	536.04	2969.80	-564.84	3.094e+04 -4711.22	9.218e+04
		1.646e+04 -4.625e+04	-1.49e-03			0.0	762.69	-2479.13	626.93	4.976e+04 -4.625e+04	4.157e+04
						30.8	762.69	239.61	626.93	4.706e+04 -3.275e+04	1.692e+04
144	60	7.489e+04 -2.732e+04	-0.04	-1.01		61.7	762.69	2273.74	626.93	4.446e+04 -1.924e+04	5.620e+04
		2.692e+04 -4.056e+04	-3.44e-04			0.0	1154.63	-1942.66	324.08	3.483e+04 -4.056e+04	5.904e+04
						30.8	1154.63	307.47	324.08	3.307e+04 -3.394e+04	2.743e+04
144	61	7.639e+04 6414.05	0.04	-0.89		61.7	1154.63	2808.53	324.08	3.138e+04 -2.732e+04	7.489e+04
		3.038e+04 -1433.30	1.10e-04			0.0	320.65	-2389.57	-236.77	4.296e+04 6414.05	5.623e+04
						30.8	320.65	309.83	-236.77	4.175e+04 2490.38	3.109e+04
144	75	1.003e+05 2.001e+04	-0.02	-1.13		61.7	320.65	2557.09	-236.77	4.062e+04 -1433.30	7.639e+04
		4.413e+04 -8201.24	1.63e-03			0.0	705.74	-1768.55	-697.39	2.509e+04 2.001e+04	7.805e+04
						30.8	705.74	396.36	-697.39	2.515e+04 5906.21	4.493e+04
144	76	5.462e+04 -2.666e+04	-0.02	-0.83		61.7	705.74	3202.41	-697.39	2.525e+04 -8201.24	1.003e+05
		1.477e+04 -6.096e+04	-1.70e-03			0.0	993.81	-2375.03	816.68	4.818e+04 -6.096e+04	4.137e+04
						30.8	993.81	234.78	816.68	4.525e+04 -4.381e+04	1.517e+04
144	77	9.666e+04 2.682e+04	0.02	-1.07		61.7	993.81	2318.21	816.68	4.243e+04 -2.666e+04	5.462e+04
		4.253e+04 -2095.36	1.46e-03			0.0	481.48	-1957.21	-729.38	2.961e+04 2.682e+04	7.390e+04
						30.8	481.48	382.53	-729.38	2.956e+04 4.334e+04	4.334e+04
144	78	5.095e+04 -2.056e+04	0.02	-0.77		61.7	481.48	3047.40	-729.38	2.957e+04 -2095.36	9.666e+04
		1.317e+04 -5.416e+04	-1.86e-03			0.0	769.54	-2563.68	784.69	5.269e+04 -5.416e+04	3.722e+04
						30.8	769.54	220.94	784.69	4.967e+04 -3.736e+04	1.359e+04
144	79	7.452e+04 -1.539e+04	-0.01	-0.92		61.7	769.54	2163.20	784.69	4.675e+04 -2.056e+04	5.095e+04
		2.829e+04 -1.839e+04	-1.30e-04			0.0	731.87	-2090.29	48.65	3.758e+04 -1.839e+04	5.605e+04
						30.8	731.87	315.85	48.65	3.612e+04 -1.689e+04	2.894e+04
144	81	7.824e+04 -1.202e+04	-0.01	-1.00		61.7	731.87	2624.00	48.65	3.474e+04 -1.539e+04	7.452e+04
		2.948e+04 -1.400e+04	-8.57e-05			0.0	751.11	-2343.05	31.98	4.197e+04 -1.400e+04	6.134e+04
						30.8	751.11	291.86	31.98	4.041e+04 -1.301e+04	2.999e+04
144	82	7.889e+04 -1.232e+04	-0.01	-1.01		61.7	751.11	2820.02	31.98	3.893e+04 -1.202e+04	7.824e+04
		2.964e+04 -1.440e+04	-9.33e-05			0.0	764.10	-2365.95	33.73	4.245e+04 -1.440e+04	6.181e+04
						30.8	764.10	294.94	33.73	4.087e+04 -1.336e+04	3.015e+04
144	83	7.582e+04 -1.599e+04	-0.01	-0.94		61.7	764.10	2848.30	33.73	3.938e+04 -1.232e+04	7.889e+04
		2.861e+04 -1.921e+04	-1.45e-04			0.0	757.84	-2136.08	52.14	3.853e+04 -1.921e+04	5.699e+04
						30.8	757.84	322.00	52.14	3.704e+04 -1.760e+04	2.927e+04
144	85	7.843e+04 -1.363e+04	-0.01	-1.00		61.7	757.84	2680.56	52.14	3.562e+04 -1.599e+04	7.582e+04
		2.945e+04 -1.613e+04	-1.14e-04			0.0	771.31	-2313.01	40.47	4.160e+04 -1.613e+04	6.069e+04
						30.8	771.31	305.21	40.47	4.004e+04 -1.488e+04	3.000e+04
144	86	7.452e+04 -1.539e+04	-0.01	-0.92		61.7	771.31	2817.77	40.47	3.856e+04 -1.363e+04	7.843e+04
		2.829e+04 -1.839e+04	-1.30e-04			0.0	731.87	-2090.29	48.65	3.758e+04 -1.839e+04	5.605e+04
						30.8	731.87	315.85	48.65	3.612e+04 -1.689e+04	2.894e+04
144	87	7.638e+04 -1.371e+04	-0.01	-0.96		61.7	731.87	2624.00	48.65	3.474e+04 -1.539e+04	7.452e+04
		2.889e+04 -1.619e+04	-1.08e-04			0.0	741.49	-2216.67	40.32	3.977e+04 -1.619e+04	5.869e+04
						30.8	741.49	303.86	40.32	3.826e+04 -1.495e+04	2.946e+04
144	88	7.478e+04 -1.551e+04	-0.01	-0.93		61.7	741.49	2722.01	40.32	3.684e+04 -1.371e+04	7.638e+04
		2.836e+04 -1.855e+04	-1.33e-04			0.0	737.06	-2099.45	49.35	3.777e+04 -1.855e+04	5.624e+04
						30.8	737.06	317.08	49.35	3.630e+04 -1.703e+04	2.901e+04
144	90	7.590e+04 -1.450e+04	-0.01	-0.95		61.7	737.06	2635.31	49.35	3.492e+04 -1.551e+04	7.478e+04
		2.871e+04 -1.723e+04	-1.20e-04			0.0	742.84	-2175.27	44.35	3.908e+04 -1.723e+04	5.782e+04
						30.8	742.84	309.88	44.35	3.759e+04 -1.587e+04	2.932e+04
						61.7	742.84	2694.12	44.35	3.618e+04 -1.450e+04	7.590e+04

144	91	7.452e+04 -1.539e+04 2.829e+04 -1.839e+04	-0.01 -1.30e-04	-0.92	0.0 30.8 61.7	731.87 731.87 731.87	-2090.29 315.85 2624.00	48.65 48.65 48.65	3.758e+04 -1.839e+04 3.612e+04 -1.689e+04 3.474e+04 -1.539e+04	5.605e+04 2.894e+04 7.452e+04
144	92	7.564e+04 -1.438e+04 2.865e+04 -1.707e+04	-0.01 -1.17e-04	-0.95	0.0 30.8 61.7	737.64 737.64 737.64	-2166.12 308.65 2682.81	43.65 43.65 43.65	3.889e+04 -1.707e+04 3.741e+04 -1.572e+04 3.600e+04 -1.438e+04	5.764e+04 2.926e+04 7.564e+04
145	4	1.037e+05 -1.008e+04 1.911e+04 -1.457e+04	0.02 -1.59e-04	-1.43	0.0 30.8 61.7	833.33 833.33 833.33	-4565.75 -787.39 2814.73	72.70 72.70 72.70	4.958e+04 -1.457e+04 4.744e+04 -1.232e+04 4.541e+04 -1.008e+04	1.037e+05 2.164e+04 5.335e+04
145	7	7.931e+04 -7219.57 1.421e+04 -1.041e+04	0.01 -1.05e-04	-1.09	0.0 30.8 61.7	618.32 618.32 618.32	-3508.52 -608.76 2155.57	51.68 51.68 51.68	3.816e+04 -1.041e+04 3.652e+04 -8812.86 3.498e+04 -7219.57	7.931e+04 1.618e+04 4.038e+04
145	8	8.029e+04 -7479.66 1.413e+04 -1.084e+04	0.01 -1.18e-04	-1.11	0.0 30.8 61.7	645.38 645.38 645.38	-3561.99 -620.34 2184.46	54.54 54.54 54.54	3.876e+04 -1.084e+04 3.710e+04 -9161.05 3.553e+04 -7479.66	8.029e+04 1.616e+04 4.062e+04
145	9	9.914e+04 -1.386e+04 2.422e+04 -2.000e+04	0.02 -2.56e-04	-1.32	0.0 30.8 61.7	874.07 874.07 874.07	-4113.34 -655.57 2639.84	99.53 99.53 99.53	4.366e+04 -2.000e+04 4.165e+04 -1.693e+04 3.974e+04 -1.386e+04	9.914e+04 2.603e+04 5.704e+04
145	20	7.482e+04 -4236.51 1.778e+04 -2.291e+04	-0.03 -4.47e-04	-1.04	0.0 30.8 61.7	1039.24 1039.24 1039.24	-3001.49 -463.80 2068.31	243.43 243.43 243.43	3.255e+04 -2.291e+04 3.074e+04 -1.357e+04 2.901e+04 -4236.51	7.482e+04 1.891e+04 4.262e+04
145	21	7.605e+04 -5117.44 1.814e+04 -1.530e+04	0.03 1.15e-04	-0.97	0.0 30.8 61.7	217.86 217.86 217.86	-3295.67 -548.14 1955.66	-105.65 -105.65 -105.65	3.448e+04 -5117.44 3.324e+04 -1.021e+04 3.207e+04 -1.530e+04	7.605e+04 1.991e+04 4.328e+04
145	43	9.484e+04 -8579.33 2.984e+04 -4.651e+04	-0.02 1.18e-03	-1.16	0.0 30.8 61.7	467.39 467.39 467.39	-2661.34 -402.21 2292.76	-378.41 -378.41 -378.41	1.899e+04 -8579.33 1.880e+04 -2.755e+04 1.865e+04 -4.651e+04	9.484e+04 3.134e+04 5.787e+04
145	46	5.603e+04 2.698e+04 6135.01 -1.945e+04	0.02 -1.51e-03	-0.85	0.0 30.8 61.7	789.71 789.71 789.71	-3635.82 -609.74 1731.21	516.19 516.19 516.19	4.804e+04 -1.945e+04 4.518e+04 -3766.22 4.243e+04 2.698e+04	5.603e+04 7485.59 2.804e+04
145	52	7.465e+04 -2743.03 1.770e+04 -2.531e+04	-0.04 -5.23e-04	-1.05	0.0 30.8 61.7	1150.25 1150.25 1150.25	-2961.77 -452.42 2083.42	290.56 290.56 290.56	3.229e+04 -2.531e+04 3.041e+04 -1.403e+04 2.860e+04 -2743.03	7.465e+04 1.877e+04 4.252e+04
145	53	7.622e+04 -2718.10 1.819e+04 -1.679e+04	0.04 1.91e-04	-0.96	0.0 30.8 61.7	106.85 106.85 106.85	-3335.39 -559.52 1940.55	-152.78 -152.78 -152.78	3.474e+04 -2718.10 3.357e+04 -9753.93 3.248e+04 -1.679e+04	7.622e+04 2.005e+04 4.338e+04
145	75	1.001e+05 -7108.29 3.304e+04 -5.645e+04	-0.02 1.54e-03	-1.20	0.0 30.8 61.7	423.69 423.69 423.69	-2529.66 -374.15 2368.59	-499.41 -499.41 -499.41	1.507e+04 -7108.29 1.524e+04 -3.178e+04 1.544e+04 -5.645e+04	1.001e+05 3.456e+04 6.190e+04
145	78	5.079e+04 3.691e+04 2931.42 -2.092e+04	0.02 -1.88e-03	-0.82	0.0 30.8 61.7	833.41 833.41 833.41	-3767.50 -637.79 1655.38	637.19 637.19 637.19	5.197e+04 -2.092e+04 4.874e+04 -7997.50 4.564e+04 3.691e+04	5.079e+04 4262.37 2.401e+04
145	81	7.803e+04 -8124.04 1.557e+04 -1.168e+04	0.01 -1.26e-04	-1.06	0.0 30.8 61.7	622.17 622.17 622.17	-3384.66 -572.89 2107.09	57.70 57.70 57.70	3.656e+04 -1.168e+04 3.496e+04 -9902.99 3.345e+04 -8124.04	7.803e+04 1.735e+04 4.134e+04
145	82	7.868e+04 -8297.44 1.552e+04 -1.197e+04	0.01 -1.35e-04	-1.07	0.0 30.8 61.7	640.20 640.20 640.20	-3420.31 -580.61 2126.35	59.61 59.61 59.61	3.696e+04 -1.197e+04 3.535e+04 -1.014e+04 3.382e+04 -8297.44	7.868e+04 1.733e+04 4.151e+04
145	83	7.562e+04 -1.082e+04 1.892e+04 -1.560e+04	0.01 -2.00e-04	-1.00	0.0 30.8 61.7	667.36 667.36 667.36	-3118.70 -492.73 2009.75	77.49 77.49 77.49	3.302e+04 -1.560e+04 3.149e+04 -1.321e+04 3.003e+04 -1.082e+04	7.562e+04 2.026e+04 4.397e+04
145	87	7.618e+04 -9297.15 1.730e+04 -1.335e+04	0.01 -1.54e-04	-1.02	0.0 30.8 61.7	626.73 626.73 626.73	-3216.03 -525.09 2039.16	65.69 65.69 65.69	3.439e+04 -1.335e+04 3.284e+04 -1.132e+04 3.137e+04 -9297.15	7.618e+04 1.882e+04 4.249e+04
145	88	7.458e+04 -1.054e+04 1.900e+04 -1.513e+04	0.01 -1.86e-04	-0.99	0.0 30.8 61.7	638.50 638.50 638.50	-3061.66 -480.38 1978.93	74.45 74.45 74.45	3.238e+04 -1.513e+04 3.087e+04 -1.283e+04 2.944e+04 -1.054e+04	7.458e+04 2.029e+04 4.371e+04
145	91	7.432e+04 -1.047e+04 1.902e+04 -1.501e+04	0.01 -1.83e-04	-0.98	0.0 30.8 61.7	631.29 631.29 631.29	-3047.40 -477.29 1971.23	73.68 73.68 73.68	3.221e+04 -1.501e+04 3.072e+04 -1.274e+04 2.929e+04 -1.047e+04	7.432e+04 2.029e+04 4.364e+04
145	92	7.544e+04 -9766.40 1.799e+04 -1.401e+04	0.01 -1.66e-04	-1.01	0.0 30.8 61.7	628.55 628.55 628.55	-3148.58 -505.97 2011.99	68.89 68.89 68.89	3.352e+04 -1.401e+04 3.199e+04 -1.189e+04 3.054e+04 -9766.40	7.544e+04 1.941e+04 4.295e+04
146	4	5.309e+04 -6185.76 -1.862e+05 -1.031e+04	-0.02 -1.95e-04	-1.56	0.0 30.8 61.7	463.88 463.88 463.88	-8005.14 -3845.56 107.61	66.95 66.95 66.95	4.272e+04 -1.031e+04 4.043e+04 -8250.05 3.826e+04 -6185.76	5.309e+04 -1.291e+05 -1.862e+05
146	7	4.018e+04 -4484.53 -1.434e+05 -7405.48	-0.01 -1.31e-04	-1.20	0.0 30.8 61.7	328.77 328.77 328.77	-6142.98 -2950.86 82.78	47.36 47.36 47.36	3.297e+04 -7405.48 3.122e+04 -5945.01 2.956e+04 -4484.53	4.018e+04 -9.960e+04 -1.434e+05
146	9	5.681e+04 -8200.76 -1.607e+05 -1.400e+04	-0.02 -3.05e-04	-1.44	0.0 30.8 61.7	557.41 557.41 557.41	-7304.21 -3494.56 122.83	94.08 94.08 94.08	3.678e+04 -1.400e+04 3.461e+04 -1.110e+04 3.253e+04 -8200.76	5.681e+04 2.092e+05 -1.607e+05
146	20	4.244e+04 6038.18 -1.163e+05 -4090.60	-0.03 -4.58e-04	-1.13	0.0 30.8 61.7	908.16 908.16 908.16	-5455.30 -2625.16 112.39	177.14 177.14 177.14	2.860e+04 -4090.60 2.662e+04 973.79 2.471e+04 6038.18	4.244e+04 7.755e+04 -1.163e+05
146	21	4.310e+04 -1.569e+04 -1.302e+05 -1.779e+04	0.03 5.74e-05	-1.08	0.0 30.8	-159.36 -159.36	-5700.51 -2709.33	-47.05 -47.05	2.813e+04 -1.569e+04 2.682e+04 -1.674e+04	4.310e+04 -9.035e+04

146	26	3.533e+04	1.362e+04	0.03	-0.98	61.7	-159.36	79.50	-47.05	2.559e+04	-1.779e+04	-1.302e+05
		-1.383e+05	6740.47	-6.42e-04		0.0	56.37	-6154.83	97.88	3.642e+04	6740.47	3.533e+04
						30.8	56.37	-2937.10	97.88	3.421e+04	1.018e+04	-9.529e+04
146	43	5.768e+04	-4.735e+04	-0.02	-1.27	61.7	56.37	74.66	97.88	3.211e+04	1.362e+04	-1.383e+05
		-1.101e+05	-5.855e+04	1.02e-03		0.0	112.01	-4753.86	-180.05	1.221e+04	-4.735e+04	5.768e+04
						30.8	112.01	-2266.86	-180.05	1.209e+04	-5.295e+04	-7.597e+04
146	46	2.786e+04	4.680e+04	0.02	-0.93	61.7	112.01	117.42	-180.05	1.199e+04	-5.855e+04	-1.101e+05
		-1.364e+05	2.757e+04	-1.42e-03		0.0	636.80	-6401.95	310.14	4.452e+04	2.757e+04	2.786e+04
						30.8	636.80	-3067.64	310.14	4.135e+04	3.719e+04	-9.194e+04
146	52	4.234e+04	9253.38	-0.03	-1.13	61.7	636.80	74.46	310.14	3.831e+04	4.680e+04	-1.364e+05
		-1.144e+05	-2524.95	-5.28e-04		0.0	1052.45	-5422.28	207.39	2.867e+04	-2524.95	4.234e+04
						30.8	1052.45	-2613.84	207.39	2.659e+04	3364.21	-7.583e+04
146	53	4.320e+04	-1.725e+04	0.03	-1.07	61.7	1052.45	116.81	207.39	2.459e+04	9253.38	-1.144e+05
		-1.321e+05	-2.101e+04	1.27e-04		0.0	-303.65	-5733.54	-77.30	2.806e+04	-1.725e+04	4.320e+04
						30.8	-303.65	-2720.66	-77.30	2.685e+04	-1.913e+04	-9.208e+04
146	58	3.332e+04	1.889e+04	0.03	-0.95	61.7	-303.65	75.08	-77.30	2.571e+04	-2.101e+04	-1.321e+05
		-1.424e+05	1.124e+04	-7.61e-04		0.0	-29.55	-6310.62	106.81	3.859e+04	1.124e+04	3.332e+04
						30.8	-29.55	-3009.97	106.81	3.624e+04	1.507e+04	-9.836e+04
146	75	6.171e+04	-5.747e+04	-0.02	-1.32	61.7	-29.55	68.88	106.81	3.399e+04	1.889e+04	-1.424e+05
		-1.065e+05	-7.279e+04	1.35e-03		0.0	40.94	-4531.20	-246.37	7849.06	-5.747e+04	6.171e+04
						30.8	40.94	-2158.66	-246.37	8130.65	-6.513e+04	-7.381e+04
146	78	2.383e+04	6.104e+04	0.02	-0.90	61.7	40.94	123.28	-246.37	8433.96	-7.279e+04	-1.065e+05
		-1.400e+05	3.770e+04	-1.75e-03		0.0	707.86	-6624.61	376.46	4.888e+04	3.770e+04	2.383e+04
						30.8	707.86	-3175.84	376.46	4.531e+04	4.937e+04	-9.410e+04
146	81	4.115e+04	-4983.47	-0.01	-1.16	61.7	707.86	68.61	376.46	4.187e+04	6.104e+04	-1.400e+05
		-1.364e+05	-8287.44	-1.55e-04		0.0	344.63	-5949.01	53.58	3.138e+04	-8287.44	4.115e+04
						30.8	344.63	-2853.32	53.58	2.966e+04	-6635.46	-9.414e+04
146	82	4.131e+04	-5051.03	-0.01	-1.17	61.7	344.63	87.58	53.58	2.804e+04	-4983.47	-1.364e+05
		-1.382e+05	-8460.16	-1.64e-04		0.0	364.47	-6011.87	55.28	3.172e+04	-8460.16	4.131e+04
						30.8	364.47	-2885.13	55.28	2.999e+04	-6755.60	-9.544e+04
146	83	4.379e+04	-6394.37	-0.01	-1.10	61.7	364.47	85.79	55.28	2.834e+04	-5051.03	-1.382e+05
		-1.212e+05	-1.092e+04	-2.38e-04		0.0	426.82	-5544.59	73.37	2.776e+04	-1.092e+04	4.379e+04
						30.8	426.82	-2651.13	73.37	2.610e+04	-8656.75	-8.217e+04
146	87	4.231e+04	-5621.35	-0.01	-1.12	61.7	426.82	95.93	73.37	2.452e+04	-6394.37	-1.212e+05
		-1.270e+05	-9430.57	-1.87e-04		0.0	365.90	-5683.94	61.77	2.923e+04	-9430.57	4.231e+04
						30.8	365.90	-2720.41	61.77	2.756e+04	-7525.96	-8.686e+04
146	88	4.353e+04	-6286.27	-0.01	-1.08	61.7	365.90	93.56	61.77	2.598e+04	-5621.35	-1.270e+05
		-1.183e+05	-1.064e+04	-2.23e-04		0.0	395.09	-5444.01	70.64	2.721e+04	-1.064e+04	4.353e+04
						30.8	395.09	-2600.23	70.64	2.559e+04	-8464.52	-8.010e+04
146	91	4.346e+04	-6259.24	-0.01	-1.07	61.7	395.09	98.81	70.64	2.404e+04	-6286.27	-1.183e+05
		-1.176e+05	-1.057e+04	-2.20e-04		0.0	387.16	-5418.86	69.96	2.707e+04	-1.057e+04	4.346e+04
						30.8	387.16	-2587.50	69.96	2.546e+04	-8416.47	-7.959e+04
146	92	4.277e+04	-5876.51	-0.01	-1.10	61.7	387.16	99.53	69.96	2.392e+04	-6259.24	-1.176e+05
		-1.232e+05	-9887.82	-2.00e-04		0.0	374.40	-5577.91	65.04	2.837e+04	-9887.82	4.277e+04
						30.8	374.40	-2667.25	65.04	2.672e+04	-7882.16	-8.395e+04
147	3	-1.832e+05	-2698.20	-0.01	-1.58	61.7	374.40	95.94	65.04	2.515e+04	-5876.51	-1.232e+05
		-4.021e+05	-6180.33	-1.63e-04		0.0	-2224.97	-7806.81	69.64	3.611e+04	-6180.33	-1.832e+05
						25.0	-2224.97	-4358.60	69.64	3.424e+04	-4439.26	-3.350e+05
147	4	-1.859e+05	-2669.25	-0.01	-1.60	50.0	-2224.97	-1024.52	69.64	3.245e+04	-2698.20	-4.021e+05
		-4.072e+05	-6280.54	-1.74e-04		0.0	-2220.48	-7893.72	72.23	3.653e+04	-6280.54	-1.859e+05
						25.0	-2220.48	-4405.53	72.23	3.465e+04	-4474.90	-3.394e+05
147	5	-1.150e+05	-2545.55	7.35e-03	-1.09	50.0	-2220.48	-1032.10	72.23	3.283e+04	-2669.25	-4.072e+05
		-2.658e+05	-6385.96	-2.02e-04		0.0	-1431.85	-5341.86	76.81	2.189e+04	-6385.96	-1.150e+05
						25.0	-1431.85	-3001.59	76.81	2.055e+04	-4465.75	-2.191e+05
147	8	-1.459e+05	-1974.86	-7.96e-03	-1.24	50.0	-1431.85	-743.11	76.81	1.926e+04	-2545.55	-2.658e+05
		-3.179e+05	-4667.35	-1.30e-04		0.0	-1728.16	-6142.24	53.85	2.871e+04	-4667.35	-1.459e+05
						25.0	-1728.16	-3425.39	53.85	2.725e+04	-3321.11	-2.653e+05
147	9	-1.604e+05	-3182.06	9.80e-03	-1.48	50.0	-1728.16	-797.19	53.85	2.584e+04	-1974.86	-3.179e+05
		-3.651e+05	-8199.57	-2.69e-04		0.0	-1915.19	-7267.15	100.35	3.058e+04	-8199.57	-1.604e+05
						25.0	-1915.19	-4075.58	100.35	2.876e+04	-5690.82	-3.020e+05
147	12	-1.204e+05	-2487.66	7.46e-03	-1.12	50.0	-1915.19	-993.18	100.35	2.701e+04	-3182.06	-3.651e+05
		-2.759e+05	-6586.38	-2.25e-04		0.0	-1422.87	-5515.67	81.97	2.275e+04	-6586.38	-1.204e+05
						25.0	-1422.87	-3095.44	81.97	2.136e+04	-4537.02	-2.279e+05
147	23	-1.080e+05	-2.140e+04	-0.02	-1.23	50.0	-1422.87	-758.26	81.97	2.002e+04	-2487.66	-2.759e+05
		-2.521e+05	-2.563e+04	1.23e-04		0.0	-1115.07	-5059.03	93.56	1.629e+04	-2.563e+04	-1.080e+05
						25.0	-1115.07	-2841.54	93.56	1.540e+04	-2.351e+04	-2.075e+05
147	28	-1.140e+05	8814.12	-0.02	-1.14	50.0	-1115.07	-654.87	93.56	1.453e+04	-2.140e+04	-2.521e+05
		-2.722e+05	3341.53	-3.17e-04		0.0	-813.23	-5534.76	121.10	2.457e+04	3341.53	-1.140e+05
						25.0	-813.23	-3135.88	121.10	2.292e+04	6077.83	-2.226e+05
147	29	-1.321e+05	-1.363e+04	0.02	-1.11	50.0	-813.23	-773.20	121.10	2.133e+04	8814.12	-2.722e+05
		-2.864e+05	-1.512e+04	-3.87e-05		0.0	-2225.38	-5563.84	18.24	2.287e+04	-1.512e+04	-1.321e+05
						25.0	-2225.38	-3087.31	18.24	2.177e+04	-1.438e+04	-2.396e+05
147	43	-1.099e+05	-5.793e+04	-0.01	-1.30	50.0	-2225.38	-742.04	18.24	2.072e+04	-1.363e+04	-2.864e+05
		-2.403e+05	-5.943e+04	6.75e-04		0.0	-1896.90	-4654.80	29.76	8142.34	-5.943e+04	-1.099e+05
						25.0	-1896.90	-2564.99	29.76	8081.89	-5.868e+04	-2.012e+05
147	46	-1.362e+05	5.311e+04	0.01	-0.95	50.0	-1896.90	-534.27	29.76	8037.48	-5.793e+04	-2.403e+05
						0.0	-1141.70	-6443.80	109.58	3.929e+04	4.765e+04	-1.362e+05

		-3.183e+05	4.765e+04	-1.03e-03		25.0	-1141.70	-3658.20	109.58	3.661e+04	5.038e+04	-2.610e+05
						50.0	-1141.70	-980.97	109.58	3.401e+04	5.311e+04	-3.183e+05
147	55	-1.039e+05	-2.653e+04	-0.02	-1.26	0.0	-1005.85	-4926.77	100.00	1.429e+04	-3.097e+04	-1.039e+05
		-2.447e+05	-3.097e+04	2.04e-04		25.0	-1005.85	-2768.73	100.00	1.352e+04	-2.875e+04	-2.012e+05
						50.0	-1005.85	-627.12	100.00	1.278e+04	-2.653e+04	-2.447e+05
147	60	-1.115e+05	1.185e+04	-0.02	-1.15	0.0	-622.38	-5531.06	135.01	2.479e+04	5833.21	-1.115e+05
		-2.703e+05	5833.21	-3.55e-04		25.0	-622.38	-3142.62	135.01	2.308e+04	8839.36	-2.204e+05
						50.0	-622.38	-777.43	135.01	2.141e+04	1.185e+04	-2.703e+05
147	61	-1.346e+05	-1.666e+04	0.02	-1.11	0.0	-2416.23	-5567.54	4.33	2.264e+04	-1.761e+04	-1.346e+05
		-2.883e+05	-1.761e+04	4.39e-06		25.0	-2416.23	-3080.57	4.33	2.162e+04	-1.714e+04	-2.419e+05
						50.0	-2416.23	-737.81	4.33	2.064e+04	-1.666e+04	-2.883e+05
147	75	-1.063e+05	-7.294e+04	-0.01	-1.35	0.0	-1999.07	-4413.17	18.93	3933.08	-7.391e+04	-1.063e+05
		-2.298e+05	-7.391e+04	9.05e-04		25.0	-1999.07	-2417.35	18.93	4226.59	-7.342e+04	-1.931e+05
						50.0	-1999.07	-473.92	18.93	4527.60	-7.294e+04	-2.298e+05
147	78	-1.397e+05	6.812e+04	0.01	-0.92	0.0	-1039.53	-6685.43	120.41	4.350e+04	6.213e+04	-1.397e+05
		-3.289e+05	6.213e+04	-1.26e-03		25.0	-1039.53	-3805.84	120.41	4.047e+04	6.512e+04	-2.691e+05
						50.0	-1039.53	-1041.32	120.41	3.752e+04	6.812e+04	-3.289e+05
147	79	-1.174e+05	-2515.43	7.41e-03	-1.10	0.0	-1459.14	-5406.61	74.78	2.244e+04	-6254.39	-1.174e+05
		-2.699e+05	-6254.39	-1.95e-04		25.0	-1459.14	-3036.22	74.78	2.109e+04	-4384.91	-2.227e+05
						50.0	-1459.14	-748.32	74.78	1.978e+04	-2515.43	-2.699e+05
147	81	-1.362e+05	-2154.27	-7.78e-03	-1.19	0.0	-1659.67	-5882.26	57.75	2.670e+04	-5041.85	-1.362e+05
		-3.013e+05	-5041.85	-1.39e-04		25.0	-1659.67	-3287.47	57.75	2.528e+04	-3598.06	-2.506e+05
						50.0	-1659.67	-779.32	57.75	2.392e+04	-2154.27	-3.013e+05
147	82	-1.380e+05	-2134.97	-7.82e-03	-1.20	0.0	-1656.68	-5940.19	59.47	2.698e+04	-5108.65	-1.380e+05
		-3.047e+05	-5108.65	-1.47e-04		25.0	-1656.68	-3318.76	59.47	2.555e+04	-3621.81	-2.535e+05
						50.0	-1656.68	-784.37	59.47	2.417e+04	-2134.97	-3.047e+05
147	83	-1.210e+05	-2476.84	7.48e-03	-1.12	0.0	-1453.15	-5522.48	78.22	2.301e+04	-6388.01	-1.210e+05
		-2.767e+05	-6388.01	-2.10e-04		25.0	-1453.15	-3098.79	78.22	2.163e+04	-4432.43	-2.286e+05
						50.0	-1453.15	-758.42	78.22	2.029e+04	-2476.84	-2.767e+05
147	86	-1.174e+05	-2515.43	7.41e-03	-1.10	0.0	-1459.14	-5406.61	74.78	2.244e+04	-6254.39	-1.174e+05
		-2.699e+05	-6254.39	-1.95e-04		25.0	-1459.14	-3036.22	74.78	2.109e+04	-4384.91	-2.227e+05
						50.0	-1459.14	-748.32	74.78	1.978e+04	-2515.43	-2.699e+05
147	87	-1.268e+05	-2334.85	-7.59e-03	-1.15	0.0	-1559.41	-5644.43	66.27	2.457e+04	-5648.12	-1.268e+05
		-2.856e+05	-5648.12	-1.67e-04		25.0	-1559.41	-3161.85	66.27	2.319e+04	-3991.48	-2.367e+05
						50.0	-1559.41	-763.82	66.27	2.185e+04	-2334.85	-2.856e+05
147	88	-1.181e+05	-2507.71	7.42e-03	-1.10	0.0	-1457.95	-5429.78	75.47	2.256e+04	-6281.11	-1.181e+05
		-2.713e+05	-6281.11	-1.98e-04		25.0	-1457.95	-3048.74	75.47	2.120e+04	-4394.41	-2.239e+05
						50.0	-1457.95	-750.34	75.47	1.989e+04	-2507.71	-2.713e+05
147	91	-1.174e+05	-2515.43	7.41e-03	-1.10	0.0	-1459.14	-5406.61	74.78	2.244e+04	-6254.39	-1.174e+05
		-2.699e+05	-6254.39	-1.95e-04		25.0	-1459.14	-3036.22	74.78	2.109e+04	-4384.91	-2.227e+05
						50.0	-1459.14	-748.32	74.78	1.978e+04	-2515.43	-2.699e+05
147	92	-1.230e+05	-2407.08	-7.52e-03	-1.13	0.0	-1519.30	-5549.30	69.67	2.372e+04	-5890.63	-1.230e+05
		-2.793e+05	-5890.63	-1.78e-04		25.0	-1519.30	-3111.60	69.67	2.235e+04	-4148.85	-2.311e+05
						50.0	-1519.30	-757.62	69.67	2.103e+04	-2407.08	-2.793e+05
148	1	-3.393e+05	2203.92	-4.73e-03	-1.49	0.0	-2971.92	-2928.65	109.45	2.539e+04	-3268.55	-3.550e+05
		-3.878e+05	-3268.55	-2.54e-04		25.0	-2971.92	324.30	109.45	2.358e+04	-532.32	-3.874e+05
						50.0	-2971.92	3519.65	109.45	2.181e+04	2203.92	-3.393e+05
148	4	-3.837e+05	1453.67	-4.61e-03	-1.66	0.0	-3341.15	-3178.03	83.92	3.215e+04	-2742.50	-4.072e+05
		-4.415e+05	-2742.50	-1.80e-04		25.0	-3341.15	479.12	83.92	3.023e+04	-644.42	-4.407e+05
						50.0	-3341.15	4080.11	83.92	2.837e+04	1453.67	-3.837e+05
148	5	-2.546e+05	1846.49	-3.63e-03	-1.12	0.0	-2225.90	-2215.35	88.16	1.858e+04	-2561.40	-2.658e+05
		-2.907e+05	-2561.40	-2.07e-04		25.0	-2225.90	230.26	88.16	1.719e+04	-357.45	-2.905e+05
						50.0	-2225.90	2631.65	88.16	1.585e+04	1846.49	-2.546e+05
148	9	-3.478e+05	2553.89	-4.70e-03	-1.53	0.0	-2976.40	-2982.76	115.28	2.614e+04	-3209.95	-3.651e+05
		-3.983e+05	-3209.95	-2.76e-04		25.0	-2976.40	356.37	115.28	2.427e+04	-328.03	-3.978e+05
						50.0	-2976.40	3638.28	115.28	2.246e+04	2553.89	-3.478e+05
148	43	-2.227e+05	-4.820e+04	-6.29e-03	-1.35	0.0	-2789.60	-1812.89	213.13	6312.24	-5.865e+04	-2.403e+05
		-2.594e+05	-5.865e+04	5.37e-04		25.0	-2789.60	428.61	213.13	6280.42	-5.343e+04	-2.587e+05
						50.0	-2789.60	3053.82	213.13	6261.50	-4.820e+04	-2.227e+05
148	44	-3.013e+05	5.078e+04	-5.92e-03	-1.02	0.0	-1494.66	-2696.88	-27.89	3.255e+04	5.078e+04	-3.080e+05
		-3.399e+05	4.923e+04	-8.53e-04		25.0	-1494.66	166.52	-27.89	2.983e+04	5.000e+04	-3.399e+05
						50.0	-1494.66	2597.58	-27.89	2.718e+04	4.923e+04	-3.013e+05
148	45	-2.312e+05	-4.607e+04	6.28e-03	-1.32	0.0	-3171.98	-1865.09	188.34	8239.50	-5.566e+04	-2.506e+05
		-2.696e+05	-5.566e+04	4.86e-04		25.0	-3171.98	371.22	188.34	8144.83	-5.086e+04	-2.688e+05
						50.0	-3171.98	2951.83	188.34	8068.35	-4.607e+04	-2.312e+05
148	46	-3.098e+05	5.378e+04	5.92e-03	-0.99	0.0	-1877.04	-2749.08	-52.68	3.448e+04	5.378e+04	-3.183e+05
		-3.500e+05	5.135e+04	-9.04e-04		25.0	-1877.04	109.13	-52.68	3.169e+04	5.257e+04	-3.500e+05
						50.0	-1877.04	2495.59	-52.68	2.898e+04	5.135e+04	-3.098e+05
148	75	-2.110e+05	-6.166e+04	-7.01e-03	-1.39	0.0	-2913.03	-1686.41	249.06	2506.36	-7.385e+04	-2.298e+05
		-2.472e+05	-7.385e+04	7.32e-04		25.0	-2913.03	471.93	249.06	2846.72	-6.775e+04	-2.464e+05
						50.0	-2913.03	3129.38	249.06	3191.42	-6.166e+04	-2.110e+05
148	76	-3.107e+05	6.517e+04	-6.54e-03	-0.99	0.0	-1267.90	-2809.32	-57.10	3.584e+04	6.517e+04	-3.157e+05
		-3.495e+05	6.211e+04	-1.03e-03		25.0	-1267.90	138.79	-57.10	3.276e+04	6.364e+04	-3.495e+05
						50.0	-1267.90	2549.66	-57.10	2.976e+04	6.211e+04	-3.107e+05
148	77	-2.218e+05	-5.896e+04	7.00e-03	-1.36	0.0	-3398.74	-1752.65	217.56	4954.45	-7.004e+04	-2.429e+05
		-2.602e+05	-7.004e+04	6.67e-04		25.0	-3398.74	398.94	217.56	5214.97	-6.450e+04	-2.592e+05
						50.0	-3398.74	2999.75	217.56	5486.56	-5.896e+04	-2.218e+05

148	78	-3.215e+05	6.898e+04	6.54e-03	-0.96	0.0	-1753.61	-2875.56	-88.60	3.828e+04	6.898e+04	-3.289e+05
		-3.623e+05	6.481e+04	-1.10e-03		25.0	-1753.61	65.81	-88.60	3.513e+04	6.689e+04	-3.623e+05
						50.0	-1753.61	2420.04	-88.60	3.205e+04	6.481e+04	-3.215e+05
148	79	-2.582e+05	1761.05	-3.63e-03	-1.14	0.0	-2259.92	-2236.52	85.92	1.912e+04	-2534.76	-2.699e+05
		-2.950e+05	-2534.76	-2.00e-04		25.0	-2259.92	241.11	85.92	1.773e+04	-386.86	-2.947e+05
						50.0	-2259.92	2674.48	85.92	1.637e+04	1761.05	-2.582e+05
148	82	-2.878e+05	1260.88	-3.56e-03	-1.25	0.0	-2506.08	-2402.78	68.90	2.362e+04	-2184.06	-3.047e+05
		-3.308e+05	-2184.06	-1.52e-04		25.0	-2506.08	344.33	68.90	2.216e+04	-461.59	-3.303e+05
						50.0	-2506.08	3048.11	68.90	2.075e+04	1260.88	-2.878e+05
148	83	-2.639e+05	1994.36	-3.61e-03	-1.16	0.0	-2262.91	-2272.60	89.80	1.961e+04	-2495.69	-2.767e+05
		-3.020e+05	-2495.69	-2.16e-04		25.0	-2262.91	262.49	89.80	1.819e+04	-250.67	-3.017e+05
						50.0	-2262.91	2753.56	89.80	1.681e+04	1994.36	-2.639e+05
148	86	-2.582e+05	1761.05	-3.63e-03	-1.14	0.0	-2259.92	-2236.52	85.92	1.912e+04	-2534.76	-2.699e+05
		-2.950e+05	-2534.76	-2.00e-04		25.0	-2259.92	241.11	85.92	1.773e+04	-386.86	-2.947e+05
						50.0	-2259.92	2674.48	85.92	1.637e+04	1761.05	-2.582e+05
148	87	-2.716e+05	1452.64	-3.60e-03	-1.19	0.0	-2382.25	-2310.63	76.44	2.125e+04	-2369.18	-2.856e+05
		-3.112e+05	-2369.18	-1.72e-04		25.0	-2382.25	287.37	76.44	1.983e+04	-458.27	-3.108e+05
						50.0	-2382.25	2841.53	76.44	1.845e+04	1452.64	-2.716e+05
148	88	-2.594e+05	1807.71	-3.63e-03	-1.14	0.0	-2260.52	-2243.74	86.69	1.922e+04	-2526.95	-2.713e+05
		-2.964e+05	-2526.95	-2.03e-04		25.0	-2260.52	245.39	86.69	1.782e+04	-359.62	-2.961e+05
						50.0	-2260.52	2690.30	86.69	1.646e+04	1807.71	-2.594e+05
148	91	-2.582e+05	1761.05	-3.63e-03	-1.14	0.0	-2259.92	-2236.52	85.92	1.912e+04	-2534.76	-2.699e+05
		-2.950e+05	-2534.76	-2.00e-04		25.0	-2259.92	241.11	85.92	1.773e+04	-386.86	-2.947e+05
						50.0	-2259.92	2674.48	85.92	1.637e+04	1761.05	-2.582e+05
148	92	-2.662e+05	1576.00	-3.61e-03	-1.17	0.0	-2333.32	-2280.99	80.23	2.040e+04	-2435.41	-2.793e+05
		-3.047e+05	-2435.41	-1.83e-04		25.0	-2333.32	268.87	80.23	1.899e+04	-429.71	-3.044e+05
						50.0	-2333.32	2774.71	80.23	1.762e+04	1576.00	-2.662e+05
149	3	-9.550e+04	5584.58	7.28e-04	-1.63	0.0	-2004.70	2042.27	89.73	2.782e+04	1098.28	-3.794e+05
		-3.794e+05	1098.28	-1.66e-04		25.0	-2004.70	5676.55	89.73	2.601e+04	3341.43	-2.829e+05
						50.0	-2004.70	9319.84	89.73	2.426e+04	5584.58	-9.550e+04
149	4	-9.577e+04	5930.11	7.77e-04	-1.65	0.0	-1982.87	2076.84	93.17	2.814e+04	1271.72	-3.837e+05
		-3.837e+05	1271.72	-1.77e-04		25.0	-1982.87	5756.09	93.17	2.631e+04	3600.91	-2.857e+05
						50.0	-1982.87	9445.28	93.17	2.454e+04	5930.11	-9.577e+04
149	5	-6.716e+04	6685.07	3.35e-04	-1.11	0.0	-1381.49	1302.45	100.42	1.539e+04	1664.20	-2.546e+05
		-2.546e+05	1664.20	-2.03e-04		25.0	-1381.49	3749.72	100.42	1.405e+04	4174.63	-1.915e+05
						50.0	-1381.49	6196.46	100.42	1.274e+04	6685.07	-6.716e+04
149	7	-7.379e+04	4080.55	6.06e-04	-1.27	0.0	-1550.33	1594.50	65.86	2.194e+04	787.41	-2.948e+05
		-2.948e+05	787.41	-1.21e-04		25.0	-1550.33	4418.48	65.86	2.055e+04	2433.98	-2.196e+05
						50.0	-1550.33	7250.27	65.86	1.920e+04	4080.55	-7.379e+04
149	9	-8.941e+04	8880.15	4.76e-04	-1.52	0.0	-1792.20	1819.35	131.16	2.191e+04	2321.95	-3.478e+05
		-3.478e+05	2321.95	-2.70e-04		25.0	-1792.20	5166.87	131.16	2.011e+04	5601.05	-2.604e+05
						50.0	-1792.20	8516.91	131.16	1.836e+04	8880.15	-8.941e+04
149	12	-6.771e+04	7376.12	3.53e-04	-1.15	0.0	-1337.84	1371.58	107.30	1.603e+04	2011.08	-2.632e+05
		-2.632e+05	2011.08	-2.25e-04		25.0	-1337.84	3908.79	107.30	1.465e+04	4693.60	-1.971e+05
						50.0	-1337.84	6447.34	107.30	1.330e+04	7376.12	-6.771e+04
149	20	-6.645e+04	2.002e+04	-4.64e-03	-1.14	0.0	-614.08	1426.12	41.84	1.751e+04	1.875e+04	-2.648e+05
		-2.648e+05	1.875e+04	-3.19e-04		25.0	-614.08	3941.77	41.84	1.580e+04	1.938e+04	-1.983e+05
						50.0	-614.08	6445.19	41.84	1.413e+04	2.002e+04	-6.645e+04
149	21	-7.187e+04	-8124.15	4.99e-03	-1.19	0.0	-2251.15	1345.20	139.73	1.699e+04	-1.594e+04	-2.677e+05
		-2.677e+05	-1.594e+04	-4.10e-05		25.0	-2251.15	3940.96	139.73	1.599e+04	-1.203e+04	-2.010e+05
						50.0	-2251.15	6552.40	139.73	1.502e+04	-8124.15	-7.187e+04
149	39	-4.841e+04	-2.770e+04	-1.82e-03	-1.33	0.0	-1744.40	1511.04	378.20	4474.09	-4.634e+04	-2.230e+05
		-2.230e+05	-4.634e+04	4.12e-04		25.0	-1744.40	4409.81	378.20	4455.62	-3.702e+04	-1.634e+05
						50.0	-1744.40	7319.09	378.20	4446.03	-2.770e+04	-4.841e+04
149	43	-4.861e+04	-2.803e+04	-2.14e-03	-1.33	0.0	-1746.33	1516.68	382.13	4571.75	-4.822e+04	-2.227e+05
		-2.227e+05	-4.822e+04	4.20e-04		25.0	-1746.33	4419.60	382.13	4566.50	-3.813e+04	-1.633e+05
						50.0	-1746.33	7332.82	382.13	4569.89	-2.803e+04	-4.861e+04
149	46	-8.971e+04	5.103e+04	2.03e-03	-0.98	0.0	-1118.91	1254.64	-200.57	2.993e+04	5.103e+04	-3.098e+05
		-3.098e+05	3.993e+04	-7.80e-04		25.0	-1118.91	3463.13	-200.57	2.722e+04	4.548e+04	-2.359e+05
						50.0	-1118.91	5664.78	-200.57	2.458e+04	3.993e+04	-8.971e+04
149	52	-6.572e+04	2.382e+04	-5.91e-03	-1.13	0.0	-392.83	1437.06	28.63	1.757e+04	2.344e+04	-2.644e+05
		-2.644e+05	2.344e+04	-3.56e-04		25.0	-392.83	3941.85	28.63	1.577e+04	2.363e+04	-1.979e+05
						50.0	-392.83	6430.58	28.63	1.401e+04	2.382e+04	-6.572e+04
149	53	-7.260e+04	-1.192e+04	6.24e-03	-1.20	0.0	-2472.41	1334.26	152.94	1.692e+04	-2.063e+04	-2.681e+05
		-2.681e+05	-2.063e+04	-3.44e-06		25.0	-2472.41	3940.88	152.94	1.601e+04	-1.628e+04	-2.013e+05
						50.0	-2472.41	6567.02	152.94	1.514e+04	-1.192e+04	-7.260e+04
149	71	-4.280e+04	-3.680e+04	-2.29e-03	-1.38	0.0	-1828.84	1545.02	455.91	1021.61	-5.924e+04	-2.113e+05
		-2.113e+05	-5.924e+04	5.72e-04		25.0	-1828.84	4536.43	455.91	1364.82	-4.802e+04	-1.536e+05
						50.0	-1828.84	7540.76	455.91	1708.97	-3.680e+04	-4.280e+04
149	75	-4.305e+04	-3.722e+04	-2.69e-03	-1.38	0.0	-1831.28	1552.20	460.91	1145.57	-6.163e+04	-2.110e+05
		-2.110e+05	-6.163e+04	5.83e-04		25.0	-1831.28	4548.88	460.91	1505.57	-4.943e+04	-1.535e+05
						50.0	-1831.28	7558.21	460.91	1866.22	-3.722e+04	-4.305e+04
149	78	-9.526e+04	6.445e+04	2.53e-03	-0.95	0.0	-1033.96	1219.12	-279.34	3.335e+04	6.445e+04	-3.215e+05
		-3.215e+05	4.912e+04	-9.42e-04		25.0	-1033.96	3333.85	-279.34	3.028e+04	5.678e+04	-2.457e+05
						50.0	-1033.96	5439.39	-279.34	2.728e+04	4.912e+04	-9.526e+04
149	79	-6.783e+04	6467.03	3.40e-04	-1.13	0.0	-1398.85	1327.25	97.69	1.594e+04	1582.29	-2.582e+05
		-2.582e+05	1582.29	-1.96e-04		25.0	-1398.85	3807.61	97.69	1.459e+04	4024.66	-1.940e+05

						50.0	-1398.85	6288.04	97.69	1.328e+04	6467.03	-6.783e+04
149	81	-7.226e+04 -2.850e+05	4730.68 997.77	4.94e-04 -1.41e-04	-1.23	0.0	-1511.41	1521.95	74.66	2.031e+04	997.77	-2.850e+05
						25.0	-1511.41	4253.45	74.66	1.892e+04	2864.22	-2.128e+05
						50.0	-1511.41	6990.58	74.66	1.759e+04	4730.68	-7.226e+04
149	82	-7.244e+04 -2.878e+05	4961.03 1113.39	5.23e-04 -1.49e-04	-1.24	0.0	-1496.86	1544.99	76.95	2.052e+04	1113.39	-2.878e+05
						25.0	-1496.86	4306.48	76.95	1.912e+04	3037.21	-2.147e+05
						50.0	-1496.86	7074.21	76.95	1.777e+04	4961.03	-7.244e+04
149	83	-6.820e+04 -2.639e+05	6927.73 1813.54	3.53e-04 -2.11e-04	-1.15	0.0	-1369.75	1373.33	102.28	1.637e+04	1813.54	-2.639e+05
						25.0	-1369.75	3913.66	102.28	1.499e+04	4370.64	-1.978e+05
						50.0	-1369.75	6455.29	102.28	1.365e+04	6927.73	-6.820e+04
149	86	-6.783e+04 -2.582e+05	6467.03 1582.29	3.40e-04 -1.96e-04	-1.13	0.0	-1398.85	1327.25	97.69	1.594e+04	1582.29	-2.582e+05
						25.0	-1398.85	3807.61	97.69	1.459e+04	4024.66	-1.940e+05
						50.0	-1398.85	6288.04	97.69	1.328e+04	6467.03	-6.783e+04
149	87	-7.004e+04 -2.716e+05	5598.85 1290.03	3.89e-04 -1.69e-04	-1.18	0.0	-1455.13	1424.60	86.18	1.812e+04	1290.03	-2.716e+05
						25.0	-1455.13	4030.53	86.18	1.676e+04	3444.44	-2.034e+05
						50.0	-1455.13	6639.31	86.18	1.544e+04	5598.85	-7.004e+04
149	88	-6.791e+04 -2.594e+05	6559.17 1628.54	3.41e-04 -1.99e-04	-1.13	0.0	-1393.03	1336.47	98.61	1.603e+04	1628.54	-2.594e+05
						25.0	-1393.03	3828.82	98.61	1.467e+04	4093.85	-1.948e+05
						50.0	-1393.03	6321.49	98.61	1.336e+04	6559.17	-6.791e+04
149	91	-6.783e+04 -2.582e+05	6467.03 1582.29	3.40e-04 -1.96e-04	-1.13	0.0	-1398.85	1327.25	97.69	1.594e+04	1582.29	-2.582e+05
						25.0	-1398.85	3807.61	97.69	1.459e+04	4024.66	-1.940e+05
						50.0	-1398.85	6288.04	97.69	1.328e+04	6467.03	-6.783e+04
149	92	-6.916e+04 -2.662e+05	5946.12 1406.93	3.61e-04 -1.80e-04	-1.16	0.0	-1432.62	1385.66	90.78	1.725e+04	1406.93	-2.662e+05
						25.0	-1432.62	3941.36	90.78	1.589e+04	3676.53	-1.996e+05
						50.0	-1432.62	6498.80	90.78	1.457e+04	5946.12	-6.916e+04
150	4	2.461e+05 -9.584e+04	1.114e+04 5710.77	-2.67e-03 -1.78e-04	-1.57	0.0	527.42	2452.46	99.23	2.451e+04	5710.77	-9.584e+04
						27.3	527.42	6249.20	99.23	2.276e+04	8423.31	2.300e+04
						54.7	527.42	1.008e+04	99.23	2.107e+04	1.114e+04	2.461e+05
150	5	1.569e+05 -6.719e+04	1.261e+04 6411.26	-1.20e-03 -2.04e-04	-1.05	0.0	217.94	1587.63	113.46	1.209e+04	6411.26	-6.719e+04
						27.3	217.94	4096.03	113.46	1.078e+04	9512.56	1.045e+04
						54.7	217.94	6620.92	113.46	9498.05	1.261e+04	1.569e+05
150	7	1.889e+05 -7.384e+04	7702.36 3924.47	-2.07e-03 -1.21e-04	-1.21	0.0	376.87	1887.73	69.10	1.925e+04	3924.47	-7.384e+04
						27.3	376.87	4802.26	69.10	1.792e+04	5813.41	1.752e+04
						54.7	376.87	7744.54	69.10	1.664e+04	7702.36	1.889e+05
150	9	2.180e+05 -8.946e+04	1.662e+04 8541.43	-1.89e-03 -2.72e-04	-1.44	0.0	429.15	2180.88	147.74	1.763e+04	8541.43	-8.946e+04
						27.3	429.15	5619.79	147.74	1.587e+04	1.258e+04	1.709e+04
						54.7	429.15	9084.43	147.74	1.416e+04	1.662e+04	2.180e+05
150	11	2.404e+05 -9.412e+04	1.318e+04 6800.68	-2.50e-03 -2.14e-04	-1.55	0.0	540.40	2390.95	116.69	2.264e+04	6800.68	-9.412e+04
						27.3	540.40	6114.16	116.69	2.087e+04	9990.45	2.204e+04
						54.7	540.40	9870.96	116.69	1.916e+04	1.318e+04	2.404e+05
150	20	1.694e+05 -6.652e+04	1.979e+04 1.972e+04	-3.73e-03 -3.27e-04	-1.06	0.0	1043.08	1632.71	5.65	1.483e+04	1.979e+04	-6.652e+04
						27.3	1043.08	4141.55	5.65	1.316e+04	1.976e+04	1.912e+04
						54.7	1043.08	6693.57	5.65	1.152e+04	1.972e+04	1.694e+05
150	21	1.625e+05 -7.187e+04	2742.78 -8383.41	2.53e-03 -3.38e-05	-1.14	0.0	-522.32	1714.68	196.51	1.339e+04	-8383.41	-7.187e+04
						27.3	-522.32	4455.86	196.51	1.243e+04	-2820.32	5647.76
						54.7	-522.32	7193.04	196.51	1.151e+04	2742.78	1.625e+05
150	31	1.867e+05 -5.096e+04	5404.78 -2.192e+04	-2.88e-03 2.24e-04	-1.26	0.0	250.67	1956.99	508.68	2322.03	-2.192e+04	-5.096e+04
						27.3	250.67	4923.50	508.68	2272.84	-8256.16	1.906e+04
						54.7	250.67	7926.79	508.68	2228.21	5404.78	1.867e+05
150	40	1.511e+05 -8.505e+04	4.124e+04 2.352e+04	-1.50e-03 -7.20e-04	-0.94	0.0	768.01	1401.55	-327.75	2.544e+04	4.124e+04	-8.505e+04
						27.3	768.01	3668.84	-327.75	2.282e+04	3.238e+04	8653.40
						54.7	768.01	5954.32	-327.75	2.027e+04	2.352e+04	1.511e+05
150	41	1.809e+05 -5.334e+04	-1059.03 -2.983e+04	2.39e-03 3.59e-04	-1.26	0.0	-247.25	1945.85	529.91	2784.47	-2.983e+04	-5.334e+04
						27.3	-247.25	4928.58	529.91	2765.68	-1.545e+04	1.611e+04
						54.7	-247.25	7932.29	529.91	2753.19	-1059.03	1.809e+05
150	42	1.459e+05 -8.995e+04	3.899e+04 2.036e+04	1.02e-03 -7.30e-04	-0.93	0.0	352.35	1374.74	-349.65	2.720e+04	3.899e+04	-8.995e+04
						27.3	352.35	3647.87	-349.65	2.457e+04	2.967e+04	3475.33
						54.7	352.35	5923.35	-349.65	2.200e+04	2.036e+04	1.459e+05
150	52	1.704e+05 -6.580e+04	2.360e+04 2.201e+04	-4.32e-03 -3.67e-04	-1.05	0.0	1254.70	1621.55	-20.09	1.503e+04	2.360e+04	-6.580e+04
						27.3	1254.70	4098.45	-20.09	1.326e+04	2.280e+04	2.093e+04
						54.7	1254.70	6625.05	-20.09	1.152e+04	2.201e+04	1.704e+05
150	53	1.616e+05 -7.259e+04	451.88 -1.219e+04	2.83e-03 5.75e-06	-1.15	0.0	-733.94	1725.85	222.26	1.319e+04	-1.219e+04	-7.259e+04
						27.3	-733.94	4498.97	222.26	1.233e+04	-5868.25	3830.58
						54.7	-733.94	7261.56	222.26	1.151e+04	451.88	1.616e+05
150	63	1.924e+05 -4.603e+04	3828.06 -2.938e+04	-3.26e-03 3.34e-04	-1.30	0.0	247.93	2033.51	618.87	-864.03	-2.938e+04	-4.603e+04
						27.3	247.93	5092.14	618.87	-570.56	-1.278e+04	2.087e+04
						54.7	247.93	8192.24	618.87	-280.64	3828.06	1.924e+05
150	72	1.471e+05 -8.934e+04	5.085e+04 2.684e+04	-1.51e-03 -8.66e-04	-0.91	0.0	905.50	1328.00	-443.67	2.850e+04	5.085e+04	-8.934e+04
						27.3	905.50	3498.46	-443.67	2.554e+04	3.885e+04	7634.93
						54.7	905.50	5686.77	-443.67	2.264e+04	2.684e+04	1.471e+05
150	73	1.849e+05 -4.905e+04	-4381.76 -3.944e+04	2.65e-03 5.04e-04	-1.30	0.0	-384.74	2019.40	645.83	-277.17	-3.944e+04	-4.905e+04
						27.3	-384.74	5098.96	645.83	54.87	-2.191e+04	1.713e+04
						54.7	-384.74	8199.84	645.83	385.55	-4381.76	1.849e+05
150	74	1.404e+05 -9.557e+04	4.799e+04 2.282e+04	9.14e-04 -8.78e-04	-0.90	0.0	377.51	1294.00	-471.53	3.074e+04	4.799e+04	-9.557e+04
						27.3	377.51	3472.21	-471.53	2.775e+04	3.541e+04	1057.26
						54.7	377.51	5648.07	-471.53	2.484e+04	2.282e+04	1.404e+05
150	79	1.596e+05 1.221e+04	1.221e+04 -1.27e-03	-1.27e-03	-1.07	0.0	228.59	1613.68	109.95	1.268e+04	6202.15	-6.786e+04

		-6.786e+04	6202.15	-1.97e-04		27.3	228.59	4157.46	109.95	1.137e+04	9207.66	1.097e+04
150	81	1.809e+05	8938.84	-1.84e-03	-1.17	54.7	228.59	6718.58	109.95	1.008e+04	1.221e+04	1.596e+05
		-7.230e+04	4544.29	-1.42e-04		0.0	334.55	1813.75	80.38	1.745e+04	4544.29	-7.230e+04
						27.3	334.55	4628.29	80.38	1.613e+04	6741.57	1.568e+04
150	82	1.836e+05	9319.45	-1.90e-03	-1.18	54.7	334.55	7467.66	80.38	1.484e+04	8938.84	1.809e+05
		-7.249e+04	4773.54	-1.49e-04		0.0	374.99	1832.76	83.15	1.764e+04	4773.54	-7.249e+04
						27.3	374.99	4679.50	83.15	1.630e+04	7046.49	1.645e+04
150	83	1.648e+05	1.297e+04	-1.39e-03	-1.09	54.7	374.99	7551.86	83.15	1.500e+04	9319.45	1.836e+05
		-6.824e+04	6660.65	-2.12e-04		0.0	309.47	1651.71	115.49	1.305e+04	6660.65	-6.824e+04
						27.3	309.47	4259.90	115.49	1.170e+04	9817.52	1.251e+04
150	85	1.798e+05	1.068e+04	-1.79e-03	-1.16	54.7	309.47	6886.98	115.49	1.039e+04	1.297e+04	1.648e+05
		-7.134e+04	5500.14	-1.73e-04		0.0	383.64	1791.76	94.79	1.639e+04	5500.14	-7.134e+04
						27.3	383.64	4589.47	94.79	1.504e+04	8091.25	1.581e+04
150	86	1.596e+05	1.221e+04	-1.27e-03	-1.07	54.7	383.64	7411.34	94.79	1.372e+04	1.068e+04	1.798e+05
		-6.786e+04	6202.15	-1.97e-04		0.0	228.59	1613.68	109.95	1.268e+04	6202.15	-6.786e+04
						27.3	228.59	4157.46	109.95	1.137e+04	9207.66	1.097e+04
150	87	1.703e+05	1.058e+04	-1.56e-03	-1.12	54.7	228.59	6718.58	109.95	1.008e+04	1.221e+04	1.596e+05
		-7.008e+04	5373.22	-1.70e-04		0.0	281.57	1713.71	95.17	1.507e+04	5373.22	-7.008e+04
						27.3	281.57	4392.87	95.17	1.375e+04	7974.61	1.333e+04
150	88	1.606e+05	1.237e+04	-1.29e-03	-1.07	54.7	281.57	7093.12	95.17	1.246e+04	1.058e+04	1.375e+05
		-6.794e+04	6293.85	-2.00e-04		0.0	244.77	1621.28	111.06	1.275e+04	6293.85	-6.794e+04
						27.3	244.77	4177.95	111.06	1.143e+04	9329.63	1.128e+04
150	91	1.596e+05	1.221e+04	-1.27e-03	-1.07	54.7	244.77	6752.26	111.06	1.015e+04	1.237e+04	1.606e+05
		-6.786e+04	6202.15	-1.97e-04		0.0	228.59	1613.68	109.95	1.268e+04	6202.15	-6.786e+04
						27.3	228.59	4157.46	109.95	1.137e+04	9207.66	1.097e+04
150	92	1.660e+05	1.123e+04	-1.44e-03	-1.10	54.7	228.59	6718.58	109.95	1.008e+04	1.221e+04	1.596e+05
		-6.920e+04	5704.79	-1.81e-04		0.0	260.38	1673.70	101.08	1.411e+04	5704.79	-6.920e+04
						27.3	260.38	4298.71	101.08	1.280e+04	8467.83	1.238e+04
151	4	4.564e+05	1.705e+04	-8.04e-04	-1.31	54.7	260.38	6943.30	101.08	1.151e+04	1.123e+04	1.660e+05
		2.460e+05	1.048e+04	-1.48e-04		0.0	1025.22	714.83	120.07	2.146e+04	1.048e+04	2.460e+05
						27.3	1025.22	3850.07	120.07	2.010e+04	1.376e+04	3.084e+05
151	5	2.905e+05	1.975e+04	-8.75e-04	-0.87	54.7	1025.22	6979.28	120.07	1.879e+04	1.705e+04	4.564e+05
		1.568e+05	1.211e+04	-1.69e-04		0.0	468.48	394.28	139.82	8735.58	1.211e+04	1.568e+05
						27.3	468.48	2447.66	139.82	7693.92	1.593e+04	1.956e+05
151	7	3.512e+05	1.176e+04	-6.09e-04	-1.00	54.7	468.48	4492.23	139.82	6669.48	1.975e+04	2.905e+05
		1.888e+05	7206.87	-1.00e-04		0.0	763.07	563.87	83.22	1.704e+04	7206.87	1.888e+05
						27.3	763.07	2970.94	83.22	1.601e+04	9481.39	2.371e+05
151	9	4.020e+05	2.589e+04	-1.01e-03	-1.19	54.7	763.07	5373.58	83.22	1.502e+04	1.176e+04	3.512e+05
		2.179e+05	1.595e+04	-2.26e-04		0.0	802.61	545.68	181.86	1.339e+04	1.595e+04	2.179e+05
						27.3	802.61	3369.00	181.86	1.200e+04	2.092e+04	2.714e+05
151	20	3.116e+05	1.931e+04	5.02e-04	-0.88	54.7	802.61	6182.30	181.86	1.064e+04	2.589e+04	4.020e+05
		1.694e+05	1.833e+04	-3.13e-04		0.0	1327.40	547.47	-8.16	1.288e+04	1.931e+04	1.694e+05
						27.3	1327.40	2612.73	-8.16	1.154e+04	1.882e+04	2.121e+05
151	21	3.040e+05	1.669e+04	-1.06e-03	-0.95	54.7	1327.40	4681.49	-8.16	1.024e+04	1.833e+04	3.116e+05
		1.624e+05	2148.58	1.34e-05		0.0	-229.45	336.95	256.22	9267.56	2148.58	1.624e+05
						27.3	-229.45	2581.13	256.22	8525.49	9419.15	2.027e+05
151	31	3.615e+05	4.089e+04	-4.88e-04	-1.05	54.7	-229.45	4806.51	256.22	7802.51	1.669e+04	3.040e+05
		1.867e+05	4878.66	2.23e-04		0.0	673.41	751.78	647.46	-2831.20	4878.66	1.867e+05
						27.3	673.41	3205.68	647.46	-2864.55	2.288e+04	2.404e+05
151	34	2.540e+05	1.658e+04	-1.33e-03	-0.78	54.7	673.41	5661.98	647.46	-2904.58	4.089e+04	3.615e+05
		1.451e+05	-5871.66	-5.22e-04		0.0	424.54	132.65	-399.41	2.498e+04	1.658e+04	1.451e+05
						27.3	424.54	1988.18	-399.41	2.293e+04	5354.66	1.744e+05
151	39	3.626e+05	4.069e+04	-4.92e-04	-1.05	54.7	424.54	3826.02	-399.41	2.094e+04	-5871.66	2.540e+05
		1.860e+05	1559.92	3.60e-04		0.0	593.89	779.48	702.53	-4169.26	1559.92	1.860e+05
						27.3	593.89	3241.16	702.53	-4167.90	2.112e+04	2.405e+05
151	52	3.127e+05	2.163e+04	4.26e-04	-0.87	54.7	593.89	5706.02	702.53	-4176.23	4.069e+04	3.626e+05
		1.703e+05	1.855e+04	-3.57e-04		0.0	1537.92	575.91	-43.82	1.337e+04	2.163e+04	1.703e+05
						27.3	1537.92	2616.93	-43.82	1.195e+04	2.009e+04	2.134e+05
151	53	3.029e+05	1.647e+04	-1.14e-03	-0.95	54.7	1537.92	4664.44	-43.82	1.057e+04	1.855e+04	3.127e+05
		1.615e+05	-167.54	5.73e-05		0.0	-439.97	308.52	291.87	8778.21	-167.54	1.615e+05
						27.3	-439.97	2576.92	291.87	8116.09	8150.83	2.015e+05
151	63	3.761e+05	4.721e+04	-4.85e-04	-1.08	54.7	-439.97	4823.56	291.87	7472.14	1.647e+04	3.029e+05
		1.923e+05	3295.20	3.24e-04		0.0	706.82	835.42	788.97	-6588.46	3295.20	1.923e+05
						27.3	706.82	3370.16	788.97	-6350.30	2.525e+04	2.493e+05
151	66	2.395e+05	1.816e+04	-1.49e-03	-0.75	54.7	706.82	5909.99	788.97	-6126.68	4.721e+04	3.761e+05
		1.395e+05	-1.219e+04	-6.23e-04		0.0	391.13	49.00	-540.91	2.874e+04	1.816e+04	1.395e+05
						27.3	391.13	1823.70	-540.91	2.642e+04	2986.99	1.655e+05
151	71	3.774e+05	4.695e+04	-4.92e-04	-1.09	54.7	391.13	3578.01	-540.91	2.417e+04	-1.219e+04	2.395e+05
		1.915e+05	-921.81	4.97e-04		0.0	605.55	870.66	858.96	-8288.47	-921.81	1.915e+05
						27.3	605.55	3415.25	858.96	-8006.25	2.302e+04	2.494e+05
151	79	2.957e+05	1.911e+04	-8.49e-04	-0.89	54.7	605.55	5965.95	858.96	-7742.42	4.695e+04	3.774e+05
		1.595e+05	1.171e+04	-1.64e-04		0.0	490.06	408.29	135.35	9412.99	1.171e+04	1.595e+05
						27.3	490.06	2492.27	135.35	8371.37	1.541e+04	1.991e+05
151	81	3.361e+05	1.378e+04	-6.49e-04	-0.97	54.7	490.06	4567.73	135.35	7348.49	1.911e+04	2.957e+05
		1.808e+05	8441.08	-1.18e-04		0.0	686.45	521.36	97.61	1.495e+04	8441.08	1.808e+05
						27.3	686.45	2841.13	97.61	1.392e+04	1.111e+04	2.268e+05
						54.7	686.45	5155.30	97.61	1.292e+04	1.378e+04	3.361e+05

151	82	3.403e+05	1.434e+04	-6.40e-04	-0.98	0.0	734.43	521.65	101.08	1.511e+04	8817.10	1.835e+05
		1.835e+05	8817.10	-1.24e-04		27.3	734.43	2869.27	101.08	1.407e+04	1.158e+04	2.298e+05
						54.7	734.43	5211.55	101.08	1.306e+04	1.434e+04	3.403e+05
151	83	3.040e+05	2.024e+04	-8.03e-04	-0.91	0.0	586.03	408.88	142.27	9731.85	1.246e+04	1.647e+05
		1.647e+05	1.246e+04	-1.76e-04		27.3	586.03	2548.56	142.27	8667.29	1.635e+04	2.051e+05
						54.7	586.03	4680.23	142.27	7622.12	2.024e+04	3.040e+05
151	86	2.957e+05	1.911e+04	-8.49e-04	-0.89	0.0	490.06	408.29	135.35	9412.99	1.171e+04	1.595e+05
		1.595e+05	1.171e+04	-1.64e-04		27.3	490.06	2492.27	135.35	8371.37	1.541e+04	1.991e+05
						54.7	490.06	4567.73	135.35	7348.49	1.911e+04	2.957e+05
151	87	3.159e+05	1.644e+04	-7.27e-04	-0.93	0.0	588.25	464.82	116.48	1.218e+04	1.008e+04	1.702e+05
		1.702e+05	1.008e+04	-1.41e-04		27.3	588.25	2666.70	116.48	1.114e+04	1.326e+04	2.130e+05
						54.7	588.25	4861.51	116.48	1.013e+04	1.644e+04	3.159e+05
151	88	2.973e+05	1.933e+04	-8.40e-04	-0.89	0.0	509.25	408.41	136.73	9476.76	1.186e+04	1.605e+05
		1.605e+05	1.186e+04	-1.66e-04		27.3	509.25	2503.53	136.73	8430.55	1.560e+04	2.003e+05
						54.7	509.25	4590.23	136.73	7403.21	1.933e+04	2.973e+05
151	91	2.957e+05	1.911e+04	-8.49e-04	-0.89	0.0	490.06	408.29	135.35	9412.99	1.171e+04	1.595e+05
		1.595e+05	1.171e+04	-1.64e-04		27.3	490.06	2492.27	135.35	8371.37	1.541e+04	1.991e+05
						54.7	490.06	4567.73	135.35	7348.49	1.911e+04	2.957e+05
151	92	3.078e+05	1.751e+04	-7.71e-04	-0.91	0.0	548.98	442.21	124.03	1.107e+04	1.073e+04	1.659e+05
		1.659e+05	1.073e+04	-1.50e-04		27.3	548.98	2596.93	124.03	1.004e+04	1.412e+04	2.074e+05
						54.7	548.98	4744.00	124.03	9019.51	1.751e+04	3.078e+05
152	4	5.125e+05	3.026e+04	7.62e-03	-1.02	0.0	822.69	-1329.29	276.82	1.835e+04	1.513e+04	4.566e+05
		4.466e+05	1.513e+04	-9.94e-05		27.3	822.69	1033.47	276.82	1.735e+04	2.269e+04	4.527e+05
						54.7	822.69	3332.40	276.82	1.638e+04	3.026e+04	5.125e+05
152	5	3.186e+05	3.224e+04	5.29e-03	-0.68	0.0	229.12	-1012.51	250.30	5070.60	1.856e+04	2.906e+05
		2.816e+05	1.856e+04	-1.14e-04		27.3	229.12	519.26	250.30	4272.60	2.540e+04	2.840e+05
						54.7	229.12	2006.68	250.30	3482.16	3.224e+04	3.186e+05
152	7	3.955e+05	2.133e+04	5.85e-03	-0.79	0.0	613.42	-998.52	202.15	1.482e+04	1.027e+04	3.514e+05
		3.440e+05	1.027e+04	-6.69e-05		27.3	613.42	815.64	202.15	1.406e+04	1.580e+04	3.490e+05
						54.7	613.42	2580.82	202.15	1.333e+04	2.133e+04	3.955e+05
152	9	4.422e+05	4.245e+04	7.12e-03	-0.93	0.0	514.24	-1370.21	333.10	8812.76	2.424e+04	4.021e+05
		3.901e+05	2.424e+04	-1.53e-04		27.3	514.24	743.35	333.10	7755.52	3.334e+04	3.937e+05
						54.7	514.24	2797.21	333.10	6711.98	4.245e+04	4.422e+05
152	20	3.517e+05	2.069e+04	4.68e-03	-0.69	0.0	1108.74	-819.96	67.62	1.068e+04	1.711e+04	3.118e+05
		3.059e+05	1.711e+04	1.37e-04		27.3	1108.74	738.58	67.62	9662.64	1.890e+04	3.106e+05
						54.7	1108.74	2258.58	67.62	8665.22	2.069e+04	3.517e+05
152	21	3.293e+05	3.768e+04	-6.24e-03	-0.74	0.0	-440.51	-1199.54	406.28	4936.43	1.535e+04	3.041e+05
		2.924e+05	1.535e+04	-3.39e-04		27.3	-440.51	467.01	406.28	4377.68	2.651e+04	2.942e+05
						54.7	-440.51	2080.65	406.28	3826.68	3.768e+04	3.293e+05
152	42	2.588e+05	-6951.66	5.34e-03	-0.60	0.0	257.45	-1253.50	-480.98	2.561e+04	-6951.66	2.531e+05
		2.376e+05	-3.305e+04	-7.87e-04		27.3	257.45	109.09	-480.98	2.406e+04	-2.000e+04	2.377e+05
						54.7	257.45	1422.81	-480.98	2.255e+04	-3.305e+04	2.588e+05
152	43	4.221e+05	9.155e+04	-5.64e-03	-0.82	0.0	404.13	-760.40	962.56	-1.008e+04	3.917e+04	3.626e+05
		3.583e+05	3.917e+04	4.53e-04		27.3	404.13	1100.64	962.56	-1.009e+04	6.536e+04	3.671e+05
						54.7	404.13	2919.42	962.56	-1.011e+04	9.155e+04	4.221e+05
152	46	2.588e+05	-6708.72	5.29e-03	-0.60	0.0	264.10	-1259.10	-488.65	2.569e+04	-6708.72	2.532e+05
		2.377e+05	-3.317e+04	-6.54e-04		27.3	264.10	104.94	-488.65	2.413e+04	-1.994e+04	2.378e+05
						54.7	264.10	1419.82	-488.65	2.261e+04	-3.317e+04	2.588e+05
152	52	3.547e+05	1.840e+04	4.47e-03	-0.68	0.0	1318.24	-768.70	21.94	1.146e+04	1.735e+04	3.128e+05
		3.076e+05	1.735e+04	2.02e-04		27.3	1318.24	775.26	21.94	1.038e+04	1.788e+04	3.129e+05
						54.7	1318.24	2282.59	21.94	9321.71	1.840e+04	3.547e+05
152	53	3.262e+05	3.997e+04	-6.45e-03	-0.74	0.0	-650.01	-1250.80	451.96	4158.22	1.511e+04	3.030e+05
		2.905e+05	1.511e+04	-4.03e-04		27.3	-650.01	430.33	451.96	3660.95	2.754e+04	2.920e+05
						54.7	-650.01	2056.64	451.96	3170.19	3.997e+04	3.262e+05
152	74	2.383e+05	-1.322e+04	5.31e-03	-0.58	0.0	237.24	-1319.47	-675.13	3.043e+04	-1.322e+04	2.383e+05
		2.202e+05	-4.988e+04	-9.73e-04		27.3	237.24	-24.35	-675.13	2.867e+04	-3.155e+04	2.202e+05
						54.7	237.24	1221.00	-675.13	2.695e+04	-4.988e+04	2.368e+05
152	75	4.442e+05	1.084e+05	-5.68e-03	-0.85	0.0	422.57	-692.91	1158.77	-1.492e+04	4.538e+04	3.774e+05
		3.739e+05	4.538e+04	6.02e-04		27.3	422.57	1235.21	1158.77	-1.471e+04	7.689e+04	3.846e+05
						54.7	422.57	3122.04	1158.77	-1.454e+04	1.084e+05	4.442e+05
152	78	2.385e+05	-1.291e+04	5.24e-03	-0.58	0.0	245.66	-1326.59	-684.87	3.053e+04	-1.291e+04	2.385e+05
		2.203e+05	-5.004e+04	-8.03e-04		27.3	245.66	-29.62	-684.87	2.875e+04	-3.147e+04	2.203e+05
						54.7	245.66	1217.19	-684.87	2.703e+04	-5.004e+04	2.367e+05
152	79	3.251e+05	3.137e+04	5.34e-03	-0.69	0.0	257.26	-1012.55	246.58	5857.83	1.789e+04	2.958e+05
		2.868e+05	1.789e+04	-1.10e-04		27.3	257.26	543.52	246.58	5062.36	2.463e+04	2.895e+05
						54.7	257.26	2054.79	246.58	4275.83	3.137e+04	3.251e+05
152	81	3.763e+05	2.409e+04	5.72e-03	-0.76	0.0	513.45	-1003.22	214.48	1.235e+04	1.237e+04	3.363e+05
		3.285e+05	1.237e+04	-7.87e-05		27.3	513.45	741.10	214.48	1.159e+04	1.823e+04	3.328e+05
						54.7	513.45	2437.55	214.48	1.084e+04	2.409e+04	3.763e+05
152	82	3.807e+05	2.494e+04	5.76e-03	-0.77	0.0	564.01	-1021.18	219.90	1.249e+04	1.292e+04	3.404e+05
		3.325e+05	1.292e+04	-8.35e-05		27.3	564.01	745.28	219.90	1.172e+04	1.893e+04	3.367e+05
						54.7	564.01	2463.50	219.90	1.096e+04	2.494e+04	3.807e+05
152	83	3.339e+05	3.306e+04	5.43e-03	-0.71	0.0	358.37	-1048.46	257.42	6131.39	1.899e+04	3.041e+05
		2.948e+05	1.899e+04	-1.19e-04		27.3	358.37	551.86	257.42	5318.82	2.602e+04	2.974e+05
						54.7	358.37	2106.71	257.42	4515.65	3.306e+04	3.339e+05
152	86	3.251e+05	3.137e+04	5.34e-03	-0.69	0.0	257.26	-1012.55	246.58	5857.83	1.789e+04	2.958e+05
		2.868e+05	1.789e+04	-1.10e-04		27.3	257.26	543.52	246.58	5062.36	2.463e+04	2.895e+05

152	87	3.507e+05	2.773e+04	5.53e-03	-0.73	54.7	257.26	2054.79	246.58	4275.83	3.137e+04	3.251e+05
		3.077e+05	1.513e+04	-9.43e-05		0.0	385.35	-1007.88	230.53	9106.06	1.513e+04	3.160e+05
152	88	3.268e+05	3.171e+04	5.36e-03	-0.70	27.3	385.35	642.31	230.53	8325.36	2.143e+04	3.111e+05
		2.884e+05	1.811e+04	-1.12e-04		54.7	385.35	2246.17	230.53	7559.36	2.773e+04	3.507e+05
152	91	3.251e+05	3.137e+04	5.34e-03	-0.69	0.0	277.48	-1019.73	248.75	5912.54	1.811e+04	2.974e+05
		2.868e+05	1.789e+04	-1.10e-04		27.3	277.48	545.19	248.75	5113.65	2.491e+04	2.910e+05
152	92	3.405e+05	2.919e+04	5.46e-03	-0.71	54.7	277.48	2065.17	248.75	4323.79	3.171e+04	3.268e+05
		2.993e+05	1.623e+04	-1.01e-04		0.0	257.26	-1012.55	246.58	5857.83	1.789e+04	2.958e+05
153	3	5.938e+04	-2.134e+04	3.59e-03	-0.89	27.3	257.26	543.52	246.58	5062.36	2.463e+04	2.895e+05
		-4547.72	-3.436e+04	-1.85e-05		54.7	257.26	2054.79	246.58	4275.83	3.137e+04	3.251e+05
153	4	6.005e+04	-2.168e+04	3.64e-03	-0.90	0.0	334.11	-1009.75	236.95	7806.77	1.623e+04	3.079e+05
		-4813.74	-3.487e+04	-2.33e-05		27.3	334.11	602.79	236.95	7020.16	2.271e+04	3.024e+05
153	5	3.715e+04	-1.344e+04	3.06e-03	-0.60	54.7	334.11	2169.62	236.95	6245.95	2.919e+04	3.405e+05
		6230.00	-2.275e+04	-4.80e-05		0.0	793.32	-2964.18	-245.54	-8.819e+04	-2.134e+04	5.938e+04
153	8	4.712e+04	-1.702e+04	2.77e-03	-0.70	26.5	793.32	-1144.26	-245.54	-9.052e+04	-2.785e+04	4890.47
		-4823.33	-2.724e+04	-1.59e-05		53.0	793.32	701.28	-245.54	-9.298e+04	-3.436e+04	-1035.36
153	12	3.848e+04	-1.411e+04	3.15e-03	-0.62	0.0	792.49	-3007.87	-248.87	-8.935e+04	-2.168e+04	6.005e+04
		5736.96	-2.378e+04	-5.77e-05		26.5	792.49	-1160.87	-248.87	-9.170e+04	-2.828e+04	4758.14
153	38	2.796e+04	4.336e+04	3.12e-04	-0.54	53.0	792.49	712.08	-248.87	-9.419e+04	-3.487e+04	-1245.34
		-4030.97	2.876e+04	-6.99e-04		0.0	401.69	-1660.07	-175.78	-5.902e+04	-1.344e+04	3.715e+04
153	39	5.195e+04	-6.350e+04	-5.70e-03	-0.71	26.5	401.69	-478.66	-175.78	-6.060e+04	-1.809e+04	8759.70
		9040.11	-9.785e+04	7.22e-04		53.0	401.69	724.64	-175.78	-6.227e+04	-2.275e+04	1.197e+04
153	43	5.193e+04	-6.471e+04	-5.71e-03	-0.71	0.0	628.19	-2381.78	-192.88	-6.975e+04	-1.702e+04	4.712e+04
		9193.62	-1.012e+05	7.54e-04		26.5	628.19	-935.88	-192.88	-7.158e+04	-2.213e+04	3120.98
153	46	2.764e+04	5.342e+04	2.40e-04	-0.54	53.0	628.19	529.78	-192.88	-7.351e+04	-2.724e+04	-2303.35
		-4026.75	3.599e+04	-8.29e-04		0.0	400.02	-1747.45	-182.44	-6.134e+04	-1.411e+04	3.848e+04
153	71	5.524e+04	-7.677e+04	-6.43e-03	-0.73	26.5	400.02	-511.87	-182.44	-6.297e+04	-1.894e+04	8495.03
		1.021e+04	-1.178e+05	9.27e-04		53.0	400.02	746.25	-182.44	-6.468e+04	-2.378e+04	1.155e+04
153	75	5.521e+04	-7.832e+04	-6.45e-03	-0.73	0.0	1858.71	-2422.07	277.96	-4.661e+04	-2.213e+04	2.796e+04
		1.041e+04	-1.221e+05	9.68e-04		26.5	1858.71	-994.88	277.96	-4.815e+04	3.606e+04	4184.67
153	78	2.436e+04	7.431e+04	5.08e-04	-0.51	53.0	1858.71	465.54	277.96	-4.975e+04	4.336e+04	-2054.92
		-6328.21	4.959e+04	-1.04e-03		0.0	-959.23	-1259.96	-670.68	-7.730e+04	-6.350e+04	5.195e+04
153	79	3.792e+04	-1.371e+04	3.04e-03	-0.61	26.5	-959.23	-194.24	-670.68	-7.906e+04	-8.067e+04	9973.84
		5485.20	-2.310e+04	-4.49e-05		53.0	-959.23	879.51	-670.68	-8.094e+04	-9.785e+04	1.816e+04
153	81	4.413e+04	-1.587e+04	2.81e-03	-0.67	0.0	-975.63	-1267.74	-690.57	-7.725e+04	-6.471e+04	5.193e+04
		-1608.21	-2.575e+04	-2.03e-05		26.5	-975.63	-201.55	-690.57	-7.901e+04	-8.296e+04	1.013e+04
153	82	4.457e+04	-1.610e+04	2.84e-03	-0.67	53.0	-975.63	873.78	-690.57	-8.089e+04	-1.012e+05	1.821e+04
		-1785.56	-2.609e+04	-2.36e-05		0.0	1908.03	-2434.96	330.67	-4.626e+04	3.599e+04	2.764e+04
153	83	3.881e+04	-1.416e+04	3.10e-03	-0.62	26.5	1908.03	-1002.78	330.67	-4.780e+04	4.470e+04	4329.70
		5156.51	-2.379e+04	-5.14e-05		53.0	1908.03	462.72	330.67	-4.940e+04	5.342e+04	-2092.03
153	86	3.792e+04	-1.371e+04	3.04e-03	-0.61	0.0	-1344.70	-1100.16	-803.28	-8.150e+04	-7.677e+04	5.524e+04
		5485.20	-2.310e+04	-4.49e-05		26.5	-1344.70	-84.00	-803.28	-8.329e+04	-9.730e+04	1.072e+04
153	87	4.103e+04	-1.479e+04	2.93e-03	-0.64	53.0	-1344.70	936.60	-803.28	-8.520e+04	-1.178e+05	2.089e+04
		2025.49	-2.443e+04	-3.26e-05		0.0	-1365.51	-1110.03	-828.56	-8.144e+04	-7.832e+04	5.521e+04
153	88	3.810e+04	-1.380e+04	3.05e-03	-0.61	26.5	-1365.51	-93.31	-828.56	-8.323e+04	-1.002e+05	1.091e+04
		5419.46	-2.324e+04	-4.62e-05		53.0	-1365.51	929.28	-828.56	-8.514e+04	-1.221e+05	2.095e+04
153	91	3.792e+04	-1.371e+04	3.04e-03	-0.61	0.0	2297.91	-2592.67	468.66	-4.208e+04	4.959e+04	2.436e+04
		5485.20	-2.310e+04	-4.49e-05		26.5	2297.91	-1111.03	468.66	-4.358e+04	6.195e+04	3542.59
153	92	3.978e+04	-1.436e+04	2.97e-03	-0.62	53.0	2297.91	407.23	468.66	-4.514e+04	7.431e+04	-4836.36
		3433.99	-2.390e+04	-3.75e-05		0.0	420.73	-1715.75	-177.20	-5.985e+04	-1.371e+04	3.792e+04
154	4	-9.808e+04	4259.72	4.79e-03	-1.22	26.5	420.73	-514.04	-177.20	-6.145e+04	-1.841e+04	8328.94
						53.0	420.73	709.38	-177.20	-6.314e+04	-2.310e+04	1.087e+04
						0.0	496.51	-1941.76	-181.79	-6.303e+04	-1.479e+04	4.103e+04
						26.5	496.51	-660.92	-181.79	-6.471e+04	-1.961e+04	6493.48
						53.0	496.51	640.83	-181.79	-6.648e+04	-2.443e+04	6181.59
						0.0	420.51	-1727.40	-178.09	-6.016e+04	-1.380e+04	3.810e+04
						26.5	420.51	-518.47	-178.09	-6.176e+04	-1.852e+04	8293.65
						53.0	420.51	712.26	-178.09	-6.346e+04	-2.324e+04	1.081e+04
						0.0	420.73	-1715.75	-177.20	-5.985e+04	-1.371e+04	3.792e+04
						26.5	420.73	-514.04	-177.20	-6.145e+04	-1.841e+04	8328.94
						53.0	420.73	709.38	-177.20	-6.314e+04	-2.310e+04	1.087e+04
						0.0	466.20	-1851.35	-179.95	-6.176e+04	-1.436e+04	3.978e+04
						26.5	466.20	-602.17	-179.95	-6.340e+04	-1.913e+04	7227.66
						53.0	466.20	668.25	-179.95	-6.514e+04	-2.390e+04	8056.87
						0.0	1640.66	-7264.07	-199.29	-7.220e+04	4259.72	-9.808e+04

		-3.575e+05	-1.966e+04	1.01e-04		60.0	1640.66	-1198.32	-199.29	-7.810e+04	-7697.94	-3.507e+05
						120.0	1640.66	4763.56	-199.29	-8.481e+04	-1.966e+04	-2.440e+05
154	5	-8.308e+04	4383.54	2.25e-03	-0.79	0.0	649.77	-4315.52	-136.60	-4.741e+04	4383.54	-8.308e+04
		-2.278e+05	-1.201e+04	-1.68e-05		60.0	649.77	-470.77	-136.60	-5.139e+04	-3812.26	-2.261e+05
						120.0	649.77	3351.27	-136.60	-5.589e+04	-1.201e+04	-1.400e+05
154	7	-7.340e+04	3081.94	3.79e-03	-0.94	0.0	1309.99	-5615.37	-151.70	-5.540e+04	3081.94	-7.340e+04
		-2.750e+05	-1.512e+04	9.36e-05		60.0	1309.99	-948.75	-151.70	-5.994e+04	-6020.15	-2.693e+05
						120.0	1309.99	3634.01	-151.70	-6.509e+04	-1.512e+04	-1.890e+05
154	9	-1.091e+05	5644.54	3.26e-03	-1.09	0.0	992.44	-6069.31	-187.57	-6.523e+04	5644.54	-1.091e+05
		-3.156e+05	-1.686e+04	-1.80e-05		60.0	992.44	-739.98	-187.57	-7.062e+04	-5609.91	-3.125e+05
						120.0	992.44	4544.63	-187.57	-7.674e+04	-1.686e+04	-1.988e+05
154	39	-4.290e+04	-2297.43	3.65e-03	-0.93	0.0	-86.17	-3656.31	-484.91	-6.259e+04	-2297.43	-4.290e+04
		-2.244e+05	-6.211e+04	2.11e-03		60.0	-86.17	55.60	-484.91	-6.686e+04	-3.220e+04	-2.244e+05
						120.0	-86.17	3648.90	-484.91	-7.181e+04	-6.211e+04	-1.144e+05
154	42	-1.180e+05	3.632e+04	6.96e-03	-0.78	0.0	1757.39	-5711.15	202.87	-3.678e+04	1.035e+04	-1.180e+05
		-2.629e+05	1.035e+04	-2.08e-03		60.0	1757.39	-1265.45	202.87	-4.080e+04	2.333e+04	-2.525e+05
						120.0	1757.39	3219.21	202.87	-4.524e+04	3.632e+04	-1.934e+05
154	43	-4.329e+04	-3260.91	3.66e-03	-0.93	0.0	-138.96	-3666.75	-499.85	-6.251e+04	-3260.91	-4.329e+04
		-2.244e+05	-6.331e+04	2.21e-03		60.0	-138.96	50.86	-499.85	-6.677e+04	-3.329e+04	-2.244e+05
						120.0	-138.96	3655.56	-499.85	-7.173e+04	-6.331e+04	-1.147e+05
154	46	-1.177e+05	3.752e+04	6.97e-03	-0.78	0.0	1810.19	-5700.71	217.81	-3.687e+04	1.132e+04	-1.177e+05
		-2.628e+05	1.132e+04	-2.18e-03		60.0	1810.19	-1260.71	217.81	-4.089e+04	2.442e+04	-2.525e+05
						120.0	1810.19	3212.55	217.81	-4.532e+04	3.752e+04	-1.932e+05
154	71	-3.274e+04	-4007.74	-5.08e-03	-0.96	0.0	-335.42	-3378.67	-577.83	-6.608e+04	-4007.74	-3.274e+04
		-2.206e+05	-7.540e+04	2.68e-03		60.0	-335.42	234.11	-577.83	-7.038e+04	-3.971e+04	-2.206e+05
						120.0	-335.42	3707.02	-577.83	-7.540e+04	-7.540e+04	-1.037e+05
154	74	-1.282e+05	4.961e+04	8.39e-03	-0.76	0.0	2006.64	-5988.78	295.79	-3.330e+04	1.206e+04	-1.282e+05
		-2.691e+05	1.206e+04	-2.65e-03		60.0	2006.64	-1443.96	295.79	-3.728e+04	3.084e+04	-2.562e+05
						120.0	2006.64	3161.09	295.79	-4.165e+04	4.961e+04	-2.041e+05
154	75	-3.324e+04	-5230.78	-5.10e-03	-0.96	0.0	-402.57	-3391.91	-596.82	-6.597e+04	-5230.78	-3.324e+04
		-2.206e+05	-7.694e+04	2.80e-03		60.0	-402.57	228.09	-596.82	-7.027e+04	-4.108e+04	-2.206e+05
						120.0	-402.57	3715.51	-596.82	-7.530e+04	-7.694e+04	-1.040e+05
154	78	-1.277e+05	5.115e+04	8.40e-03	-0.76	0.0	2073.80	-5975.54	314.77	-3.340e+04	1.329e+04	-1.277e+05
		-2.690e+05	1.329e+04	-2.77e-03		60.0	2073.80	-1437.95	314.77	-3.739e+04	3.222e+04	-2.563e+05
						120.0	2073.80	3152.60	314.77	-4.176e+04	5.115e+04	-2.038e+05
154	79	-8.241e+04	4287.67	2.34e-03	-0.81	0.0	703.57	-4423.76	-138.00	-4.809e+04	4287.67	-8.241e+04
		-2.318e+05	-1.227e+04	-7.66e-06		60.0	703.57	-509.33	-138.00	-5.212e+04	-3992.38	-2.298e+05
						120.0	703.57	3377.51	-138.00	-5.669e+04	-1.227e+04	-1.441e+05
154	81	-7.595e+04	3419.93	3.31e-03	-0.90	0.0	1143.72	-5290.32	-148.07	-5.342e+04	3419.93	-7.595e+04
		-2.628e+05	-1.435e+04	6.59e-05		60.0	1143.72	-827.99	-148.07	-5.782e+04	-5464.30	-2.586e+05
						120.0	1143.72	3566.00	-148.07	-6.282e+04	-1.435e+04	-1.767e+05
154	82	-7.683e+04	3475.42	3.36e-03	-0.91	0.0	1151.72	-5360.39	-150.33	-5.409e+04	3475.42	-7.683e+04
		-2.663e+05	-1.456e+04	6.02e-05		60.0	1151.72	-841.08	-150.33	-5.853e+04	-5544.20	-2.620e+05
						120.0	1151.72	3608.54	-150.33	-6.357e+04	-1.456e+04	-1.792e+05
154	83	-8.415e+04	4398.63	2.43e-03	-0.82	0.0	719.57	-4563.88	-142.51	-4.945e+04	4398.63	-8.415e+04
		-2.386e+05	-1.270e+04	-1.91e-05		60.0	719.57	-535.52	-142.51	-5.354e+04	-4152.18	-2.365e+05
						120.0	719.57	3462.60	-142.51	-5.819e+04	-1.270e+04	-1.490e+05
154	86	-8.241e+04	4287.67	2.34e-03	-0.81	0.0	703.57	-4423.76	-138.00	-4.809e+04	4287.67	-8.241e+04
		-2.318e+05	-1.227e+04	-7.66e-06		60.0	703.57	-509.33	-138.00	-5.212e+04	-3992.38	-2.298e+05
						120.0	703.57	3377.51	-138.00	-5.669e+04	-1.227e+04	-1.441e+05
154	87	-7.918e+04	3853.80	2.76e-03	-0.85	0.0	923.64	-4857.04	-143.04	-5.075e+04	3853.80	-7.918e+04
		-2.473e+05	-1.331e+04	3.05e-05		60.0	923.64	-668.66	-143.04	-5.497e+04	-4728.34	-2.442e+05
						120.0	923.64	3471.75	-143.04	-5.975e+04	-1.331e+04	-1.604e+05
154	88	-8.276e+04	4309.86	2.36e-03	-0.81	0.0	706.77	-4451.78	-138.90	-4.836e+04	4309.86	-8.276e+04
		-2.332e+05	-1.236e+04	-9.94e-06		60.0	706.77	-514.57	-138.90	-5.240e+04	-4024.34	-2.311e+05
						120.0	706.77	3394.52	-138.90	-5.699e+04	-1.236e+04	-1.451e+05
154	91	-8.241e+04	4287.67	2.34e-03	-0.81	0.0	703.57	-4423.76	-138.00	-4.809e+04	4287.67	-8.241e+04
		-2.318e+05	-1.227e+04	-7.66e-06		60.0	703.57	-509.33	-138.00	-5.212e+04	-3992.38	-2.298e+05
						120.0	703.57	3377.51	-138.00	-5.669e+04	-1.227e+04	-1.441e+05
154	92	-8.047e+04	4027.35	2.58e-03	-0.83	0.0	835.61	-4683.73	-141.02	-4.969e+04	4027.35	-8.047e+04
		-2.411e+05	-1.290e+04	1.81e-05		60.0	835.61	-604.93	-141.02	-5.383e+04	-4433.95	-2.384e+05
						120.0	835.61	3434.06	-141.02	-5.853e+04	-1.290e+04	-1.539e+05
155	4	1.622e+05	9034.56	5.09e-03	-1.68	0.0	2258.54	-6317.91	-135.41	-6.490e+04	9034.56	1.622e+05
		2.632e+04	3415.17	3.93e-05		20.8	2258.54	-3265.66	-135.41	-6.729e+04	6224.86	6.287e+04
						41.5	2258.54	-266.51	-135.41	-6.980e+04	3415.17	2.632e+04
155	5	8.012e+04	7232.08	2.79e-03	-1.08	0.0	898.68	-3747.58	-82.37	-4.248e+04	7232.08	8.012e+04
		4535.79	3813.86	-7.26e-06		20.8	898.68	-1816.37	-82.37	-4.410e+04	5522.97	2.244e+04
						41.5	898.68	85.69	-82.37	-4.579e+04	3813.86	4535.79
155	7	1.271e+05	6739.36	3.95e-03	-1.29	0.0	1798.13	-4886.46	-103.74	-4.979e+04	6739.36	1.271e+05
		2.155e+04	2434.09	3.62e-05		20.8	1798.13	-2536.87	-103.74	-5.163e+04	4586.72	5.016e+04
						41.5	1798.13	-228.50	-103.74	-5.355e+04	2434.09	2.155e+04
155	9	1.175e+05	9719.82	4.01e-03	-1.49	0.0	1382.11	-5268.25	-116.92	-5.855e+04	9719.82	1.175e+05
		9584.00	4867.53	-7.09e-06		20.8	1382.11	-2592.42	-116.92	-6.074e+04	7293.68	3.598e+04
						41.5	1382.11	41.56	-116.92	-6.302e+04	4867.53	9584.00
155	20	9.232e+04	4.240e+04	-3.71e-03	-1.15	0.0	1335.53	-4152.63	-144.17	-4.485e+04	4.240e+04	9.232e+04
		9289.03	3.668e+04	-2.44e-04		20.8	1335.53	-2109.41	-144.17	-4.628e+04	3.954e+04	3.101e+04
						41.5	1335.53	-90.90	-144.17	-4.778e+04	3.668e+04	9289.03

155	21	9.439e+04	-2.820e+04	2.55e-03	-1.13	0.0	967.52	-3987.62	-32.65	-4.427e+04	-2.820e+04	9.439e+04
		9128.93	-2.981e+04	2.54e-04		20.8	967.52	-1930.35		-32.65	-4.621e+04	-2.900e+04
						41.5	967.52	86.52		-32.65	-4.822e+04	-2.981e+04
155	39	1.154e+05	1.056e+04	-1.23e-03	-1.20	0.0	865.82	-3320.85	-327.72	-5.662e+04	1.056e+04	1.154e+05
		1.316e+04	-2935.00	7.74e-04		20.8	865.82	-1386.46	-327.72	-5.830e+04	3810.72	3.790e+04
						41.5	865.82	496.75	-327.72	-6.007e+04	-2935.00	1.428e+04
155	44	7.402e+04	2.609e+04	-5.03e-03	-1.10	0.0	1494.59	-4749.56	68.89	-3.457e+04	2.325e+04	7.402e+04
		5148.36	2.325e+04	-7.36e-04		20.8	1494.59	-2605.23	68.89	-3.611e+04	2.467e+04	2.405e+04
						41.5	1494.59	-472.33	68.89	-3.772e+04	2.609e+04	5148.36
155	45	1.127e+05	-9041.44	1.22e-03	-1.18	0.0	808.46	-3390.69	-245.71	-5.456e+04	-9041.44	1.127e+05
		1.221e+04	-1.922e+04	7.46e-04		20.8	808.46	-1434.53	-245.71	-5.637e+04	-1.413e+04	3.639e+04
						41.5	808.46	467.95	-245.71	-5.829e+04	-1.922e+04	1.346e+04
155	46	7.172e+04	1.077e+04	5.01e-03	-1.09	0.0	1433.97	-4810.92	162.70	-3.259e+04	4055.54	7.172e+04
		4311.38	4055.54	-8.02e-04		20.8	1433.97	-2646.05	162.70	-3.428e+04	7410.98	2.275e+04
						41.5	1433.97	-496.35	162.70	-3.602e+04	1.077e+04	4311.38
155	52	9.204e+04	5.194e+04	-3.87e-03	-1.16	0.0	1385.34	-4174.99	-159.21	-4.493e+04	5.194e+04	9.204e+04
		9284.92	4.566e+04	-3.11e-04		20.8	1385.34	-2133.64	-159.21	-4.628e+04	4.880e+04	3.122e+04
						41.5	1385.34	-114.93	-159.21	-4.772e+04	4.566e+04	9284.92
155	53	9.467e+04	-3.773e+04	2.39e-03	-1.13	0.0	917.70	-3965.25	-17.61	-4.419e+04	-3.773e+04	9.467e+04
		8993.75	-3.879e+04	3.21e-04		20.8	917.70	-1906.12	-17.61	-4.620e+04	-3.826e+04	2.922e+04
						41.5	917.70	110.55	-17.61	-4.829e+04	-3.879e+04	9318.88
155	71	1.213e+05	1.149e+04	-7.21e-04	-1.21	0.0	788.54	-3118.39	-392.38	-5.988e+04	1.149e+04	1.213e+05
		1.385e+04	-4657.64	9.82e-04		20.8	788.54	-1215.29	-392.38	-6.155e+04	3414.72	3.997e+04
						41.5	788.54	631.57	-392.38	-6.333e+04	-4657.64	1.563e+04
155	76	6.880e+04	3.222e+04	-5.54e-03	-1.09	0.0	1587.43	-4933.16	111.39	-3.187e+04	2.762e+04	6.880e+04
		4025.94	2.762e+04	-9.36e-04		20.8	1587.43	-2763.41	111.39	-3.337e+04	2.992e+04	2.238e+04
						41.5	1587.43	-599.40	111.39	-3.494e+04	3.222e+04	4025.94
155	77	1.179e+05	-1.341e+04	7.04e-04	-1.19	0.0	715.62	-3207.08	-288.21	-5.726e+04	-1.341e+04	1.179e+05
		1.265e+04	-2.534e+04	9.46e-04		20.8	715.62	-1276.35	-288.21	-5.911e+04	-1.938e+04	3.806e+04
						41.5	715.62	595.02	-288.21	-6.107e+04	-2.534e+04	1.458e+04
155	78	6.587e+04	1.275e+04	5.52e-03	-1.07	0.0	1510.36	-5011.10	230.55	-2.935e+04	3232.77	6.587e+04
		2962.45	3232.77	-1.02e-03		20.8	1510.36	-2815.27	230.55	-3.104e+04	7990.31	2.073e+04
						41.5	1510.36	-629.89	230.55	-3.278e+04	1.275e+04	2962.45
155	79	8.395e+04	7202.96	2.89e-03	-1.10	0.0	971.63	-3842.35	-84.13	-4.310e+04	7202.96	8.395e+04
		5899.54	3711.39	-3.69e-06		20.8	971.63	-1875.78	-84.13	-4.474e+04	5457.18	2.468e+04
						41.5	971.63	60.65	-84.13	-4.645e+04	3711.39	5899.54
155	81	1.153e+05	6874.49	3.66e-03	-1.24	0.0	1571.26	-4601.60	-98.38	-4.797e+04	6874.49	1.153e+05
		1.724e+04	2791.54	2.53e-05		20.8	1571.26	-2356.11	-98.38	-4.976e+04	4833.01	4.316e+04
						41.5	1571.26	-148.81	-98.38	-5.162e+04	2791.54	1.724e+04
155	82	1.168e+05	7002.85	3.71e-03	-1.26	0.0	1586.61	-4661.08	-100.31	-4.860e+04	7002.85	1.168e+05
		1.742e+04	2839.94	2.33e-05		20.8	1586.61	-2387.61	-100.31	-5.040e+04	4921.39	4.371e+04
						41.5	1586.61	-152.90	-100.31	-5.228e+04	2839.94	1.742e+04
155	83	8.694e+04	7459.68	3.00e-03	-1.13	0.0	1002.33	-3961.30	-87.99	-4.437e+04	7459.68	8.694e+04
		6266.77	3808.18	-7.60e-06		20.8	1002.33	-1938.78	-87.99	-4.603e+04	5633.93	2.578e+04
						41.5	1002.33	52.49	-87.99	-4.777e+04	3808.18	6266.77
155	86	8.395e+04	7202.96	2.89e-03	-1.10	0.0	971.63	-3842.35	-84.13	-4.310e+04	7202.96	8.395e+04
		5899.54	3711.39	-3.69e-06		20.8	971.63	-1875.78	-84.13	-4.474e+04	5457.18	2.468e+04
						41.5	971.63	60.65	-84.13	-4.645e+04	3711.39	5899.54
155	87	9.962e+04	7038.72	3.27e-03	-1.17	0.0	1271.45	-4221.97	-91.26	-4.553e+04	7038.72	9.962e+04
		1.157e+04	3251.47	1.08e-05		20.8	1271.45	-2115.94	-91.26	-4.725e+04	5145.10	3.392e+04
						41.5	1271.45	-44.08	-91.26	-4.904e+04	3251.47	1.157e+04
155	88	8.455e+04	7254.31	2.91e-03	-1.11	0.0	977.77	-3866.14	-84.91	-4.335e+04	7254.31	8.455e+04
		5972.99	3730.75	-4.47e-06		20.8	977.77	-1888.38	-84.91	-4.500e+04	5492.53	2.490e+04
						41.5	977.77	59.02	-84.91	-4.671e+04	3730.75	5972.99
155	91	8.395e+04	7202.96	2.89e-03	-1.10	0.0	971.63	-3842.35	-84.13	-4.310e+04	7202.96	8.395e+04
		5899.54	3711.39	-3.69e-06		20.8	971.63	-1875.78	-84.13	-4.474e+04	5457.18	2.468e+04
						41.5	971.63	60.65	-84.13	-4.645e+04	3711.39	5899.54
155	92	9.335e+04	7104.42	3.12e-03	-1.14	0.0	1151.52	-4070.12	-88.41	-4.456e+04	7104.42	9.335e+04
		9301.90	3435.43	4.99e-06		20.8	1151.52	-2019.88	-88.41	-4.624e+04	5269.93	3.022e+04
						41.5	1151.52	-2.19	-88.41	-4.800e+04	3435.43	9301.90
156	4	1.891e+05	1.308e+04	3.87e-03	-1.71	0.0	2149.34	-3780.71	-102.42	-5.679e+04	1.308e+04	1.891e+05
		1.420e+05	8833.77	2.54e-05		20.8	2149.34	-640.53	-102.42	-5.898e+04	1.096e+04	1.433e+05
						41.5	2149.34	2459.42	-102.42	-6.126e+04	8833.77	1.622e+05
156	5	9.691e+04	9283.26	2.23e-03	-1.10	0.0	856.39	-2382.00	-52.60	-3.697e+04	9283.26	9.691e+04
		6.728e+04	7100.18	-1.83e-05		20.8	856.39	-400.89	-52.60	-3.846e+04	8191.72	6.808e+04
						41.5	856.39	1557.06	-52.60	-4.001e+04	7100.18	8.012e+04
156	7	1.478e+05	9874.78	3.00e-03	-1.32	0.0	1711.51	-2911.26	-79.19	-4.355e+04	9874.78	1.478e+05
		1.115e+05	6588.35	2.59e-05		20.8	1711.51	-493.58	-79.19	-4.523e+04	8231.56	1.125e+05
						41.5	1711.51	1892.99	-79.19	-4.699e+04	6588.35	1.271e+05
156	11	1.764e+05	1.320e+04	3.71e-03	-1.67	0.0	1914.21	-3673.93	-97.05	-5.569e+04	1.320e+04	1.764e+05
		1.306e+05	9173.35	8.97e-06		20.8	1914.21	-621.33	-97.05	-5.784e+04	1.119e+04	1.319e+05
						41.5	1914.21	2392.76	-97.05	-6.008e+04	9173.35	1.504e+05
156	21	1.117e+05	-2.445e+04	1.87e-03	-1.15	0.0	905.70	-2566.27	-76.50	-3.886e+04	-2.445e+04	1.117e+05
		8.071e+04	-2.827e+04	2.97e-04		20.8	905.70	-440.31	-76.50	-4.066e+04	-2.636e+04	8.152e+04
						41.5	905.70	1651.45	-76.50	-4.253e+04	-2.827e+04	9.439e+04
156	23	1.219e+05	4.450e+04	-1.87e-03	-1.20	0.0	1105.76	-2454.61	-79.25	-4.446e+04	4.450e+04	1.219e+05
		8.937e+04	4.042e+04	2.41e-04		20.8	1105.76	-405.05	-79.25	-4.577e+04	4.246e+04	9.028e+04

156	39	1.337e+05	2.088e+04	-3.91e-04	-1.20	41.5	1105.76	1694.62	-79.25	-4.716e+04	4.042e+04	1.033e+05
		1.011e+05	1.030e+04	7.48e-04		0.0	789.51	-2442.45	-252.88	-4.965e+04	2.088e+04	1.337e+05
						20.8	789.51	-409.76	-252.88	-5.116e+04	1.559e+04	1.019e+05
156	42	8.884e+04	3638.73	4.50e-03	-1.13	41.5	789.51	1735.06	-252.88	-5.274e+04	1.030e+04	1.154e+05
		5.841e+04	-1959.23	-7.59e-04		0.0	1404.02	-2622.67	132.83	-2.802e+04	-1959.23	8.884e+04
						20.8	1404.02	-444.81	132.83	-2.961e+04	839.75	5.926e+04
156	44	9.191e+04	2.318e+04	-4.50e-03	-1.15	41.5	1404.02	1570.11	132.83	-3.124e+04	3638.73	7.134e+04
		6.102e+04	1.869e+04	-7.63e-04		0.0	1461.74	-2588.92	101.79	-2.970e+04	1.869e+04	9.191e+04
						20.8	1461.74	-434.12	101.79	-3.114e+04	2.094e+04	6.191e+04
156	45	1.306e+05	227.97	3.99e-04	-1.18	41.5	1461.74	1583.29	101.79	-3.263e+04	2.318e+04	7.402e+04
		9.844e+04	-9249.74	7.51e-04		0.0	731.79	-2476.21	-221.84	-4.797e+04	227.97	1.306e+05
						20.8	731.79	-420.44	-221.84	-4.962e+04	-4510.89	9.928e+04
156	53	1.119e+05	-3.361e+04	1.71e-03	-1.14	41.5	731.79	1721.89	-221.84	-5.135e+04	-9249.74	1.127e+05
		8.097e+04	-3.779e+04	3.79e-04		0.0	853.98	-2575.28	-80.97	-3.887e+04	-3.361e+04	1.119e+05
						20.8	853.98	-443.79	-80.97	-4.074e+04	-3.570e+04	8.177e+04
156	55	1.248e+05	5.396e+04	-1.71e-03	-1.21	41.5	853.98	1651.18	-80.97	-4.267e+04	-3.779e+04	9.467e+04
		9.197e+04	4.946e+04	3.07e-04		0.0	1108.28	-2433.63	-84.43	-4.598e+04	5.396e+04	1.248e+05
						20.8	1108.28	-399.07	-84.43	-4.722e+04	5.171e+04	9.290e+04
156	71	1.397e+05	2.396e+04	-1.88e-04	-1.21	41.5	1108.28	1705.95	-84.43	-4.855e+04	4.946e+04	1.059e+05
		1.068e+05	1.119e+04	9.51e-04		0.0	706.41	-2418.13	-304.99	-5.258e+04	2.396e+04	1.397e+05
						20.8	706.41	-405.00	-304.99	-5.407e+04	1.758e+04	1.077e+05
156	74	8.279e+04	2741.50	5.06e-03	-1.12	41.5	706.41	1757.34	-304.99	-5.565e+04	1.119e+04	1.213e+05
		5.264e+04	-5047.71	-9.63e-04		0.0	1487.13	-2647.00	184.93	-2.510e+04	-5047.71	8.279e+04
						20.8	1487.13	-449.56	184.93	-2.670e+04	-1153.10	5.349e+04
156	76	8.668e+04	2.757e+04	-5.06e-03	-1.14	41.5	1487.13	1547.84	184.93	-2.834e+04	2741.50	6.539e+04
		5.597e+04	2.118e+04	-9.67e-04		0.0	1560.50	-2604.17	145.52	-2.723e+04	2.118e+04	8.668e+04
						20.8	1560.50	-436.01	145.52	-2.864e+04	2.437e+04	5.686e+04
156	77	1.358e+05	-2262.80	-1.75e-04	-1.19	41.5	1560.50	1564.55	145.52	-3.010e+04	2.757e+04	6.880e+04
		1.035e+05	-1.363e+04	9.55e-04		0.0	633.04	-2460.95	-265.57	-5.044e+04	-2262.80	1.358e+05
						20.8	633.04	-418.55	-265.57	-5.212e+04	-7948.46	1.043e+05
156	79	1.011e+05	9339.86	2.29e-03	-1.12	41.5	633.04	1740.63	-265.57	-5.388e+04	-1.363e+04	1.179e+05
		7.088e+04	7069.46	-1.47e-05		0.0	925.74	-2426.71	-54.71	-3.752e+04	9339.86	1.011e+05
						20.8	925.74	-408.74	-54.71	-3.903e+04	8204.66	7.170e+04
156	81	1.350e+05	9734.21	2.80e-03	-1.27	41.5	925.74	1585.40	-54.71	-4.060e+04	7069.46	8.395e+04
		1.004e+05	6728.23	1.48e-05		0.0	1495.83	-2779.55	-72.43	-4.191e+04	9734.21	1.350e+05
						20.8	1495.83	-470.54	-72.43	-4.354e+04	8231.22	1.013e+05
156	82	1.367e+05	9930.29	2.85e-03	-1.28	41.5	1495.83	1809.36	-72.43	-4.525e+04	6728.23	1.153e+05
		1.017e+05	6852.26	1.26e-05		0.0	1510.09	-2814.22	-74.17	-4.249e+04	9930.29	1.367e+05
						20.8	1510.09	-476.28	-74.17	-4.414e+04	8391.27	1.027e+05
156	85	1.283e+05	1.001e+04	2.73e-03	-1.25	41.5	1510.09	1832.10	-74.17	-4.586e+04	6852.26	1.168e+05
		9.415e+04	7078.64	1.62e-06		0.0	1353.34	-2743.04	-70.59	-4.176e+04	1.001e+04	1.283e+05
						20.8	1353.34	-463.48	-70.59	-4.338e+04	8543.36	9.508e+04
156	86	1.011e+05	9339.86	2.29e-03	-1.12	41.5	1353.34	1787.67	-70.59	-4.507e+04	7078.64	1.089e+05
		7.088e+04	7069.46	-1.47e-05		0.0	925.74	-2426.71	-54.71	-3.752e+04	9339.86	1.011e+05
						20.8	925.74	-408.74	-54.71	-3.903e+04	8204.66	7.170e+04
156	87	1.180e+05	9537.03	2.55e-03	-1.19	41.5	925.74	1585.40	-54.71	-4.060e+04	7069.46	8.395e+04
		8.563e+04	6898.85	-1.61e-06		0.0	1210.78	-2603.13	-63.57	-3.972e+04	9537.03	1.180e+05
						20.8	1210.78	-439.64	-63.57	-4.129e+04	8217.94	8.652e+04
156	91	1.011e+05	9339.86	2.29e-03	-1.12	41.5	1210.78	1697.38	-63.57	-4.292e+04	6898.85	9.962e+04
		7.088e+04	7069.46	-1.47e-05		0.0	925.74	-2426.71	-54.71	-3.752e+04	9339.86	1.011e+05
						20.8	925.74	-408.74	-54.71	-3.903e+04	8204.66	7.170e+04
156	92	1.113e+05	9458.17	2.45e-03	-1.16	41.5	925.74	1585.40	-54.71	-4.060e+04	7069.46	8.395e+04
		7.973e+04	6967.09	-5.85e-06		0.0	1096.77	-2532.56	-60.03	-3.884e+04	9458.17	1.113e+05
						20.8	1096.77	-427.28	-60.03	-4.038e+04	8212.63	8.059e+04
157	4	1.891e+05	1.578e+04	2.67e-03	-1.73	41.5	1096.77	1652.59	-60.03	-4.199e+04	6967.09	9.335e+04
		1.311e+05	1.271e+04	3.46e-06		0.0	2631.50	-3624.69	-60.18	-4.873e+04	1.578e+04	1.735e+05
						25.5	2631.50	311.31	-60.18	-5.117e+04	1.425e+04	1.313e+05
157	5	9.691e+04	9806.21	1.71e-03	-1.12	51.0	2631.50	4213.36	-60.18	-5.373e+04	1.271e+04	1.891e+05
		6.218e+04	9035.98	-4.19e-05		0.0	1195.83	-2352.40	-15.10	-3.146e+04	9806.21	9.048e+04
						25.5	1195.83	129.85	-15.10	-3.313e+04	9421.10	6.218e+04
157	26	1.006e+05	-1.980e+04	2.46e-03	-1.15	51.0	1195.83	2590.27	-15.10	-3.487e+04	9035.98	9.691e+04
		6.485e+04	-2.574e+04	-1.96e-04		0.0	1409.26	-2574.81	-103.84	-2.839e+04	-1.980e+04	9.471e+04
						25.5	1409.26	100.66	-103.84	-3.041e+04	-2.277e+04	6.485e+04
157	27	1.220e+05	4.604e+04	-1.13e-03	-1.20	51.0	1409.26	2677.07	-103.84	-3.250e+04	-2.574e+04	1.006e+05
		8.252e+04	4.404e+04	1.51e-04		0.0	1472.40	-2375.98	-38.09	-3.787e+04	4.604e+04	1.117e+05
						25.5	1472.40	225.02	-38.09	-3.929e+04	4.504e+04	8.264e+04
157	39	1.337e+05	2.905e+04	6.41e-04	-1.20	51.0	1472.40	2879.35	-38.09	-4.083e+04	4.404e+04	1.220e+05
		9.100e+04	2.050e+04	5.21e-04		0.0	1235.49	-2319.38	-170.35	-4.297e+04	2.905e+04	1.174e+05
						25.5	1235.49	319.71	-170.35	-4.460e+04	2.478e+04	9.148e+04
157	42	8.897e+04	-2101.84	-4.04e-03	-1.17	51.0	1235.49	2993.60	-170.35	-4.634e+04	2.050e+04	1.337e+05
		5.596e+04	-8190.22	-5.76e-04		0.0	1652.99	-2632.19	122.12	-2.329e+04	-8190.22	8.897e+04
						25.5	1652.99	4.92	122.12	-2.511e+04	-5146.03	5.596e+04
157	44	9.205e+04	1.851e+04	-4.01e-03	-1.18	51.0	1652.99	2561.20	122.12	-2.700e+04	-2101.84	8.884e+04
		5.869e+04	1.080e+04	-6.24e-04		0.0	1711.63	-2601.46	156.67	-2.458e+04	1.080e+04	9.205e+04
						25.5	1711.63	13.09	156.67	-2.622e+04	1.466e+04	5.869e+04
157	45	1.306e+05	1.007e+04	6.21e-04	-1.18	51.0	1711.63	2588.93	156.67	-2.793e+04	1.851e+04	9.191e+04
						0.0	1176.85	-2350.11	-204.90	-4.168e+04	1.007e+04	1.143e+05

		8.827e+04	-113.01	5.70e-04		25.5	1176.85	311.54	-204.90	-4.349e+04	4976.36	8.876e+04
						51.0	1176.85	2965.87	-204.90	-4.541e+04	-113.01	1.306e+05
157	58	9.774e+04	-2.797e+04	2.64e-03	-1.14	0.0	1399.72	-2601.46	-125.41	-2.711e+04	-2.797e+04	9.242e+04
		6.245e+04	-3.519e+04	-2.42e-04		25.5	1399.72	84.01	-125.41	-2.921e+04	-3.158e+04	6.245e+04
						51.0	1399.72	2649.99	-125.41	-3.138e+04	-3.519e+04	9.774e+04
157	59	1.249e+05	5.567e+04	-9.53e-04	-1.21	0.0	1480.09	-2349.12	-41.85	-3.914e+04	5.567e+04	1.140e+05
		8.490e+04	5.345e+04	1.99e-04		25.5	1480.09	241.95	-41.85	-4.049e+04	5.456e+04	8.505e+04
						51.0	1480.09	2906.87	-41.85	-4.195e+04	5.345e+04	1.249e+05
157	71	1.397e+05	3.408e+04	1.20e-03	-1.21	0.0	1179.02	-2277.15	-209.86	-4.563e+04	3.408e+04	1.212e+05
		9.567e+04	2.356e+04	6.70e-04		25.5	1179.02	362.23	-209.86	-4.723e+04	2.882e+04	9.628e+04
						51.0	1179.02	3052.01	-209.86	-4.895e+04	2.356e+04	1.397e+05
157	74	8.514e+04	-5159.88	-4.65e-03	-1.16	0.0	1709.46	-2674.42	161.64	-2.063e+04	-1.322e+04	8.514e+04
		5.116e+04	-1.322e+04	-7.24e-04		25.5	1709.46	-37.60	161.64	-2.248e+04	-9190.34	5.116e+04
						51.0	1709.46	2502.80	161.64	-2.438e+04	-5159.88	8.279e+04
157	76	8.904e+04	2.103e+04	-4.61e-03	-1.18	0.0	1783.98	-2635.46	205.54	-2.227e+04	1.089e+04	8.904e+04
		5.462e+04	1.089e+04	-7.86e-04		25.5	1783.98	-27.25	205.54	-2.389e+04	1.596e+04	5.462e+04
						51.0	1783.98	2537.99	205.54	-2.557e+04	2.103e+04	8.668e+04
157	77	1.358e+05	9966.54	1.18e-03	-1.19	0.0	1104.50	-2316.11	-253.76	-4.399e+04	9966.54	1.173e+05
		9.220e+04	-2625.80	7.32e-04		25.5	1104.50	351.87	-253.76	-4.583e+04	3670.37	9.282e+04
						51.0	1104.50	3016.81	-253.76	-4.777e+04	-2625.80	1.358e+05
157	79	1.011e+05	9986.95	1.74e-03	-1.13	0.0	1267.68	-2389.29	-17.59	-3.195e+04	9986.95	9.417e+04
		6.552e+04	9089.61	-3.76e-05		25.5	1267.68	139.21	-17.59	-3.364e+04	9538.28	6.552e+04
						51.0	1267.68	2645.53	-17.59	-3.540e+04	9089.61	1.011e+05
157	82	1.367e+05	1.173e+04	1.99e-03	-1.29	0.0	1875.46	-2710.44	-40.80	-3.642e+04	1.173e+04	1.258e+05
		9.392e+04	9650.83	-6.55e-06		25.5	1875.46	219.86	-40.80	-3.826e+04	1.069e+04	9.404e+04
						51.0	1875.46	3124.81	-40.80	-4.019e+04	9650.83	1.367e+05
157	86	1.011e+05	9986.95	1.74e-03	-1.13	0.0	1267.68	-2389.29	-17.59	-3.195e+04	9986.95	9.417e+04
		6.552e+04	9089.61	-3.76e-05		25.5	1267.68	139.21	-17.59	-3.364e+04	9538.28	6.552e+04
						51.0	1267.68	2645.53	-17.59	-3.540e+04	9089.61	1.011e+05
157	87	1.180e+05	1.073e+04	1.85e-03	-1.21	0.0	1561.95	-2533.45	-28.46	-3.392e+04	1.073e+04	1.092e+05
		7.916e+04	9274.96	-2.01e-05		25.5	1561.95	177.72	-28.46	-3.567e+04	1.000e+04	7.919e+04
						51.0	1561.95	2865.32	-28.46	-3.751e+04	9274.96	1.180e+05
157	91	1.011e+05	9986.95	1.74e-03	-1.13	0.0	1267.68	-2389.29	-17.59	-3.195e+04	9986.95	9.417e+04
		6.552e+04	9089.61	-3.76e-05		25.5	1267.68	139.21	-17.59	-3.364e+04	9538.28	6.552e+04
						51.0	1267.68	2645.53	-17.59	-3.540e+04	9089.61	1.011e+05
157	92	1.113e+05	1.043e+04	1.81e-03	-1.18	0.0	1444.24	-2475.78	-24.11	-3.313e+04	1.043e+04	1.032e+05
		7.372e+04	9200.82	-2.71e-05		25.5	1444.24	162.31	-24.11	-3.486e+04	9815.68	7.372e+04
						51.0	1444.24	2777.40	-24.11	-3.667e+04	9200.82	1.113e+05
158	4	1.735e+05	1.588e+04	5.59e-04	-1.73	0.0	2707.56	-3726.38	-8.47	-4.180e+04	1.588e+04	1.628e+05
		1.180e+05	1.545e+04	-3.29e-05		25.5	2707.56	210.70	-8.47	-4.400e+04	1.567e+04	1.180e+05
						51.0	2707.56	4140.74	-8.47	-4.630e+04	1.545e+04	1.735e+05
158	5	9.048e+04	9582.22	6.64e-04	-1.11	0.0	1309.99	-2454.64	30.61	-2.667e+04	8021.00	8.880e+04
		5.795e+04	8021.00	-6.42e-05		25.5	1309.99	34.28	30.61	-2.818e+04	8801.61	5.795e+04
						51.0	1309.99	2514.79	30.61	-2.975e+04	9582.22	9.048e+04
158	20	1.049e+05	3.788e+04	1.48e-03	-1.19	0.0	1652.08	-2592.74	259.95	-2.713e+04	2.494e+04	1.034e+05
		6.982e+04	2.494e+04	-6.96e-04		25.5	1652.08	40.42	259.95	-2.840e+04	3.141e+04	6.982e+04
						51.0	1652.08	2720.88	259.95	-2.973e+04	3.788e+04	1.049e+05
158	21	1.014e+05	-6549.52	-1.62e-03	-1.16	0.0	1429.28	-2547.63	-220.55	-2.923e+04	-6549.52	9.566e+04
		6.558e+04	-1.748e+04	5.94e-04		25.5	1429.28	104.98	-220.55	-3.109e+04	-1.202e+04	6.558e+04
						51.0	1429.28	2695.44	-220.55	-3.302e+04	-1.748e+04	1.014e+05
158	27	1.117e+05	4.575e+04	-1.40e-03	-1.21	0.0	1609.05	-2454.69	110.50	-3.203e+04	4.019e+04	1.059e+05
		7.470e+04	4.019e+04	2.82e-04		25.5	1609.05	132.26	110.50	-3.331e+04	4.297e+04	7.470e+04
						51.0	1609.05	2788.17	110.50	-3.472e+04	4.575e+04	1.117e+05
158	30	9.469e+04	-2.181e+04	1.71e-03	-1.14	0.0	1472.31	-2685.67	-71.11	-2.433e+04	-2.181e+04	9.322e+04
		6.070e+04	-2.535e+04	-3.84e-04		25.5	1472.31	13.14	-71.11	-2.617e+04	-2.358e+04	6.070e+04
						51.0	1472.31	2628.14	-71.11	-2.803e+04	-2.535e+04	9.469e+04
158	34	9.308e+04	1.865e+04	4.12e-03	-1.16	0.0	1554.84	-2787.60	-183.49	-1.899e+04	1.865e+04	9.308e+04
		5.702e+04	9410.49	4.82e-04		25.5	1554.84	-74.20	-183.49	-2.070e+04	1.403e+04	5.702e+04
						51.0	1554.84	2575.19	-183.49	-2.245e+04	9410.49	8.905e+04
158	39	1.174e+05	3.396e+04	-3.43e-03	-1.21	0.0	1515.07	-2349.35	-101.87	-3.730e+04	3.396e+04	1.059e+05
		7.820e+04	2.868e+04	1.25e-03		25.5	1515.07	222.41	-101.87	-3.872e+04	3.132e+04	7.838e+04
						51.0	1515.07	2844.29	-101.87	-4.024e+04	2.868e+04	1.174e+05
158	52	1.054e+05	4.535e+04	1.72e-03	-1.20	0.0	1682.19	-2598.97	324.87	-2.685e+04	2.919e+04	1.045e+05
		7.039e+04	2.919e+04	-8.70e-04		25.5	1682.19	31.68	324.87	-2.803e+04	3.727e+04	7.039e+04
						51.0	1682.19	2724.24	324.87	-2.929e+04	4.535e+04	1.054e+05
158	53	1.009e+05	-1.080e+04	-1.90e-03	-1.16	0.0	1399.17	-2541.40	-285.48	-2.951e+04	-1.080e+04	9.462e+04
		6.501e+04	-2.496e+04	7.68e-04		25.5	1399.17	113.72	-285.48	-3.145e+04	-1.788e+04	6.501e+04
						51.0	1399.17	2692.07	-285.48	-3.346e+04	-2.496e+04	1.009e+05
158	59	1.140e+05	5.535e+04	-1.62e-03	-1.22	0.0	1627.59	-2423.58	135.07	-3.307e+04	4.857e+04	1.076e+05
		7.659e+04	4.857e+04	3.72e-04		25.5	1627.59	148.37	135.07	-3.427e+04	5.196e+04	7.659e+04
						51.0	1627.59	2809.77	135.07	-3.563e+04	5.535e+04	1.140e+05
158	62	9.239e+04	-3.018e+04	2.02e-03	-1.14	0.0	1453.77	-2716.78	-95.67	-2.330e+04	-3.018e+04	9.151e+04
		5.881e+04	-3.496e+04	-4.74e-04		25.5	1453.77	-2.97	-95.67	-2.521e+04	-3.257e+04	5.881e+04
						51.0	1453.77	2606.54	-95.67	-2.712e+04	-3.496e+04	9.239e+04
158	66	9.133e+04	2.120e+04	5.07e-03	-1.16	0.0	1558.66	-2846.31	-238.39	-1.651e+04	2.120e+04	9.133e+04
		5.413e+04	9198.16	6.27e-04		25.5	1558.66	-113.90	-238.39	-1.825e+04	1.520e+04	5.413e+04
						51.0	1558.66	2539.28	-238.39	-2.004e+04	9198.16	8.523e+04

158	71	1.212e+05	4.065e+04	-4.22e-03	-1.22	0.0	1508.15	-2289.72	-134.73	-3.977e+04	4.065e+04	1.076e+05
		8.095e+04	3.368e+04	1.60e-03		25.5	1508.15	262.86	-134.73	-4.115e+04	3.716e+04	8.126e+04
						51.0	1508.15	2881.05	-134.73	-4.263e+04	3.368e+04	1.212e+05
158	79	9.417e+04	9760.56	6.42e-04	-1.13	0.0	1376.79	-2489.31	27.65	-2.711e+04	8350.51	9.193e+04
		6.078e+04	8350.51	-6.04e-05		25.5	1376.79	45.32	27.65	-2.863e+04	9055.54	6.078e+04
						51.0	1376.79	2571.82	27.65	-3.023e+04	9760.56	9.417e+04
158	82	1.258e+05	1.148e+04	4.73e-04	-1.29	0.0	1944.08	-2793.05	0.02	-3.119e+04	1.148e+04	1.187e+05
		8.487e+04	1.148e+04	-3.25e-05		25.5	1944.08	139.15	0.02	-3.284e+04	1.148e+04	8.487e+04
						51.0	1944.08	3065.38	0.02	-3.458e+04	1.148e+04	1.258e+05
158	86	9.417e+04	9760.56	6.42e-04	-1.13	0.0	1376.79	-2489.31	27.65	-2.711e+04	8350.51	9.193e+04
		6.078e+04	8350.51	-6.04e-05		25.5	1376.79	45.32	27.65	-2.863e+04	9055.54	6.078e+04
						51.0	1376.79	2571.82	27.65	-3.023e+04	9760.56	9.417e+04
158	87	1.092e+05	1.049e+04	5.50e-04	-1.20	0.0	1649.94	-2624.10	14.39	-2.890e+04	9756.44	1.046e+05
		7.231e+04	9756.44	-4.46e-05		25.5	1649.94	90.95	14.39	-3.048e+04	1.012e+04	7.231e+04
						51.0	1649.94	2799.05	14.39	-3.214e+04	1.049e+04	1.092e+05
158	91	9.417e+04	9760.56	6.42e-04	-1.13	0.0	1376.79	-2489.31	27.65	-2.711e+04	8350.51	9.193e+04
		6.078e+04	8350.51	-6.04e-05		25.5	1376.79	45.32	27.65	-2.863e+04	9055.54	6.078e+04
						51.0	1376.79	2571.82	27.65	-3.023e+04	9760.56	9.417e+04
158	92	1.032e+05	1.020e+04	5.87e-04	-1.17	0.0	1540.68	-2570.18	19.70	-2.818e+04	9194.07	9.953e+04
		6.770e+04	9194.07	-5.09e-05		25.5	1540.68	72.70	19.70	-2.974e+04	9696.32	6.770e+04
						51.0	1540.68	2708.16	19.70	-3.137e+04	1.020e+04	1.032e+05
159	4	1.628e+05	1.553e+04	1.44e-03	-1.51	0.0	2595.23	-3389.79	40.79	-3.633e+04	1.345e+04	1.628e+05
		1.195e+05	1.345e+04	-6.95e-05		25.5	2595.23	-1.79	40.79	-3.808e+04	1.449e+04	1.195e+05
						51.0	2595.23	3402.18	40.79	-3.991e+04	1.553e+04	1.628e+05
159	5	9.553e+04	7768.81	3.91e-04	-0.97	0.0	1337.71	-2279.31	74.54	-2.281e+04	3967.08	9.553e+04
		6.476e+04	3967.08	-8.22e-05		25.5	1337.71	-132.61	74.54	-2.401e+04	5867.94	6.476e+04
						51.0	1337.71	2018.41	74.54	-2.528e+04	7768.81	8.880e+04
159	18	9.906e+04	5305.75	3.18e-03	-1.00	0.0	1389.27	-2460.29	-283.52	-2.096e+04	5305.75	9.906e+04
		6.706e+04	-7558.13	-4.80e-04		25.5	1389.27	-136.20	-283.52	-2.249e+04	-1126.19	6.706e+04
						51.0	1389.27	2142.69	-283.52	-2.398e+04	-7558.13	9.277e+04
159	19	1.093e+05	3.564e+04	-3.69e-03	-1.06	0.0	1674.24	-2278.15	295.59	-2.745e+04	2.216e+04	1.093e+05
		7.845e+04	2.216e+04	-8.84e-05		25.5	1674.24	-47.80	295.59	-2.842e+04	2.890e+04	7.845e+04
						51.0	1674.24	2242.42	295.59	-2.955e+04	3.564e+04	1.063e+05
159	27	1.091e+05	3.988e+04	-3.56e-03	-1.06	0.0	1649.23	-2266.62	246.94	-2.742e+04	2.753e+04	1.091e+05
		7.807e+04	2.753e+04	5.79e-05		25.5	1649.23	-48.27	246.94	-2.865e+04	3.370e+04	7.807e+04
						51.0	1649.23	2242.09	246.94	-3.006e+04	3.988e+04	1.058e+05
159	31	1.067e+05	-439.31	-0.01	-1.08	0.0	1756.05	-2142.35	316.86	-3.303e+04	-1.611e+04	1.067e+05
		7.770e+04	-1.611e+04	2.15e-03		25.5	1756.05	11.69	316.86	-3.413e+04	-8275.09	7.770e+04
						51.0	1756.05	2218.46	316.86	-3.532e+04	-439.31	1.060e+05
159	34	1.017e+05	2.770e+04	9.89e-03	-0.99	0.0	1310.04	-2596.98	-193.53	-1.540e+04	2.770e+04	1.017e+05
		6.769e+04	1.831e+04	-2.29e-03		25.5	1310.04	-196.05	-193.53	-1.681e+04	2.301e+04	6.783e+04
						51.0	1310.04	2165.67	-193.53	-1.823e+04	1.831e+04	9.308e+04
159	46	1.017e+05	-1.698e+04	0.01	-0.99	0.0	1326.17	-2603.37	191.90	-1.548e+04	-2.684e+04	1.017e+05
		6.790e+04	-2.684e+04	-9.21e-04		25.5	1326.17	-197.08	191.90	-1.681e+04	-2.191e+04	6.804e+04
						51.0	1326.17	2162.47	191.90	-1.814e+04	-1.698e+04	9.328e+04
159	50	9.768e+04	5176.54	3.88e-03	-0.99	0.0	1350.43	-2484.60	-376.79	-2.008e+04	5176.54	9.768e+04
		6.551e+04	-1.201e+04	-5.91e-04		25.5	1350.43	-148.10	-376.79	-2.169e+04	-3418.21	6.551e+04
						51.0	1350.43	2129.39	-376.79	-2.323e+04	-1.201e+04	9.094e+04
159	51	1.107e+05	4.285e+04	-4.53e-03	-1.07	0.0	1712.39	-2253.60	358.80	-2.832e+04	2.658e+04	1.107e+05
		7.999e+04	2.658e+04	-9.29e-05		25.5	1712.39	-35.81	358.80	-2.922e+04	3.472e+04	7.999e+04
						51.0	1712.39	2256.00	358.80	-3.029e+04	4.285e+04	1.081e+05
159	59	1.104e+05	4.824e+04	-4.35e-03	-1.07	0.0	1680.66	-2238.90	297.04	-2.828e+04	3.341e+04	1.104e+05
		7.950e+04	3.341e+04	9.30e-05		25.5	1680.66	-36.37	297.04	-2.951e+04	4.082e+04	7.950e+04
						51.0	1680.66	2255.62	297.04	-3.095e+04	4.824e+04	1.076e+05
159	63	1.077e+05	-2973.82	-0.01	-1.10	0.0	1816.32	-2080.98	385.82	-3.541e+04	-2.203e+04	1.073e+05
		7.904e+04	-2.203e+04	2.75e-03		25.5	1816.32	39.75	385.82	-3.646e+04	-1.250e+04	7.904e+04
						51.0	1816.32	2225.58	385.82	-3.763e+04	-2973.82	1.077e+05
159	66	1.010e+05	3.362e+04	0.01	-0.98	0.0	1249.77	-2658.34	-262.50	-1.302e+04	3.362e+04	1.010e+05
		6.628e+04	2.085e+04	-2.89e-03		25.5	1249.77	-224.11	-262.50	-1.447e+04	2.723e+04	6.650e+04
						51.0	1249.77	2158.55	-262.50	-1.592e+04	2.085e+04	9.133e+04
159	78	1.011e+05	-2.399e+04	0.01	-0.98	0.0	1270.22	-2666.49	227.09	-1.312e+04	-3.566e+04	1.011e+05
		6.654e+04	-3.566e+04	-1.15e-03		25.5	1270.22	-225.43	227.09	-1.447e+04	-2.982e+04	6.676e+04
						51.0	1270.22	2154.44	227.09	-1.581e+04	-2.399e+04	9.160e+04
159	79	9.806e+04	8096.87	4.54e-04	-0.99	0.0	1394.35	-2306.65	71.08	-2.321e+04	4471.57	9.806e+04
		6.709e+04	4471.57	-7.92e-05		25.5	1394.35	-121.08	71.08	-2.443e+04	6284.22	6.709e+04
						51.0	1394.35	2069.51	71.08	-2.571e+04	8096.87	9.193e+04
159	82	1.199e+05	1.121e+04	9.77e-04	-1.13	0.0	1878.31	-2549.18	38.98	-2.704e+04	9225.33	1.199e+05
		8.704e+04	9225.33	-5.89e-05		25.5	1878.31	-25.02	38.98	-2.836e+04	1.022e+04	8.704e+04
						51.0	1878.31	2509.99	38.98	-2.975e+04	1.121e+04	1.187e+05
159	86	9.806e+04	8096.87	4.54e-04	-0.99	0.0	1394.35	-2306.65	71.08	-2.321e+04	4471.57	9.806e+04
		6.709e+04	4471.57	-7.92e-05		25.5	1394.35	-121.08	71.08	-2.443e+04	6284.22	6.709e+04
						51.0	1394.35	2069.51	71.08	-2.571e+04	8096.87	9.193e+04
159	87	1.083e+05	9497.74	7.14e-04	-1.05	0.0	1625.51	-2411.67	55.38	-2.488e+04	6673.19	1.083e+05
		7.655e+04	6673.19	-6.68e-05		25.5	1625.51	-72.91	55.38	-2.615e+04	8085.47	7.655e+04
						51.0	1625.51	2273.77	55.38	-2.748e+04	9497.74	1.046e+05
159	91	9.806e+04	8096.87	4.54e-04	-0.99	0.0	1394.35	-2306.65	71.08	-2.321e+04	4471.57	9.806e+04
		6.709e+04	4471.57	-7.92e-05		25.5	1394.35	-121.08	71.08	-2.443e+04	6284.22	6.709e+04

159	92	1.042e+05	8937.39	6.10e-04	-1.03	51.0	1394.35	2069.51	71.08-2.571e+04	8096.87	9.193e+04
		7.277e+04	5792.54	-7.18e-05		0.0	1533.05	-2369.66	61.66-2.421e+04	5792.54	1.042e+05
						25.5	1533.05	-92.18	61.66-2.547e+04	7364.97	7.277e+04
						51.0	1533.05	2192.06	61.66-2.677e+04	8937.39	9.953e+04
160	4	1.628e+05	1.305e+04	3.41e-03	-1.21	0.0	2330.69	-2052.00	80.79-3.213e+04	8930.13	1.327e+05
		1.123e+05	8930.13	-1.00e-04		25.5	2330.69	584.42	80.79-3.343e+04	1.099e+04	1.139e+05
						51.0	2330.69	3251.70	80.79-3.479e+04	1.305e+04	1.628e+05
						0.0	1299.88	-1477.02	110.06-1.972e+04	-1960.43	8.541e+04
160	5	9.553e+04	3652.46	1.53e-03	-0.79	25.5	1299.88	196.04	110.06-2.063e+04	846.01	6.904e+04
		6.875e+04	-1960.43	-9.06e-05		51.0	1299.88	1882.97	110.06-2.157e+04	3652.46	9.553e+04
						0.0	1642.72	-1418.62	411.11-2.452e+04	-2502.22	9.354e+04
						25.5	1642.72	326.33	411.11-2.565e+04	9626.01	7.822e+04
160	19	1.093e+05	2.175e+04	-6.82e-03	-0.86	51.0	1642.72	2161.53	411.11-2.682e+04	2.175e+04	1.093e+05
		7.758e+04	-2502.22	-1.33e-04		0.0	1245.83	-1583.12	-219.94-1.766e+04	3715.27	8.669e+04
						25.5	1245.83	219.47	-219.94-1.840e+04	-3538.06	7.061e+04
						51.0	1245.83	1965.51	-219.94-1.917e+04	-1.079e+04	9.906e+04
160	39	1.067e+05	3.690e+04	-0.02	-0.89	0.0	1910.04	-1312.84	-28.38-3.023e+04	3.690e+04	9.352e+04
		7.611e+04	3.644e+04	6.55e-04		25.5	1910.04	315.20	-28.38-3.114e+04	3.667e+04	7.665e+04
						51.0	1910.04	2187.54	-28.38-3.211e+04	3.644e+04	1.067e+05
						0.0	1017.22	-1671.87	452.12-1.239e+04	-4.491e+04	8.829e+04
160	40	1.046e+05	-2.087e+04	0.02	-0.79	25.5	1017.22	257.47	452.12-1.349e+04	-3.289e+04	7.426e+04
		7.369e+04	-4.491e+04	-1.00e-03		51.0	1017.22	1979.59	452.12-1.461e+04	-2.087e+04	1.046e+05
						0.0	1871.32	-1329.87	-260.95-2.978e+04	4.613e+04	9.194e+04
						25.5	1871.32	288.34	-260.95-3.056e+04	3.898e+04	7.458e+04
160	41	1.038e+05	4.613e+04	-0.02	-0.88	51.0	1871.32	2147.45	-260.95-3.139e+04	3.184e+04	1.038e+05
		7.412e+04	3.184e+04	8.33e-04		0.0	978.51	-1688.90	219.56-1.194e+04	-3.568e+04	8.671e+04
						25.5	978.51	230.60	219.56-1.290e+04	-3.058e+04	7.219e+04
						51.0	978.51	1939.50	219.56-1.389e+04	-2.548e+04	1.017e+05
160	51	1.107e+05	2.615e+04	-8.16e-03	-0.86	0.0	1696.33	-1396.46	496.36-2.544e+04	-3342.79	9.446e+04
		7.858e+04	-3342.79	-1.46e-04		25.5	1696.33	340.81	496.36-2.662e+04	1.140e+04	7.925e+04
						51.0	1696.33	2188.01	496.36-2.786e+04	2.615e+04	1.107e+05
						0.0	1192.22	-1605.28	-305.19-1.673e+04	4555.85	8.577e+04
160	54	9.767e+04	4555.85	7.46e-03	-0.79	25.5	1192.22	205.00	-305.19-1.742e+04	-5315.30	6.958e+04
		6.923e+04	-1.519e+04	-2.36e-05		51.0	1192.22	1939.03	-305.19-1.814e+04	-1.519e+04	9.767e+04
						0.0	2035.98	-1262.04	-61.89-3.271e+04	4.670e+04	9.445e+04
						25.5	2035.98	326.71	-61.89-3.361e+04	4.576e+04	7.725e+04
160	71	1.074e+05	4.670e+04	-0.02	-0.91	51.0	2035.98	2221.08	-61.89-3.457e+04	4.481e+04	1.074e+05
		7.671e+04	4.481e+04	8.55e-04		0.0	901.71	-1718.10	548.46-1.004e+04	-5.721e+04	8.779e+04
						25.5	901.71	253.22	548.46-1.118e+04	-4.260e+04	7.421e+04
						51.0	901.71	1956.88	548.46-1.234e+04	-2.800e+04	1.047e+05
160	72	1.047e+05	-2.800e+04	0.02	-0.78	0.0	1986.84	-1283.64	-357.29-3.213e+04	5.843e+04	9.244e+04
		7.362e+04	-5.721e+04	-1.25e-03		25.5	1986.84	292.58	-357.29-3.287e+04	4.869e+04	7.463e+04
						51.0	1986.84	2170.16	-357.29-3.365e+04	3.896e+04	1.037e+05
						0.0	852.56	-1739.70	253.07	-9467.91	-4.549e+04
160	73	1.037e+05	5.843e+04	-0.02	-0.90	25.5	852.56	219.09	253.07-1.044e+04	-3.967e+04	7.158e+04
		7.418e+04	3.896e+04	1.08e-03		51.0	852.56	1905.96	253.07-1.143e+04	-3.384e+04	1.010e+05
						0.0	1341.88	-1484.85	106.19-2.011e+04	-1258.09	8.681e+04
						25.5	1341.88	218.18	106.19-2.103e+04	1449.78	7.062e+04
160	74	1.010e+05	-3.384e+04	0.02	-0.76	51.0	1341.88	1935.95	106.19-2.198e+04	4157.66	9.806e+04
		7.110e+04	-4.549e+04	-1.02e-03		0.0	1704.71	-1560.76	70.59-2.384e+04	5317.45	9.910e+04
						25.5	1704.71	403.94	70.59-2.483e+04	7117.58	8.430e+04
						51.0	1704.71	2390.61	70.59-2.585e+04	8917.71	1.199e+05
160	79	9.806e+04	4157.66	1.63e-03	-0.80	0.0	1341.88	-1484.85	106.19-2.011e+04	-1258.09	8.681e+04
		7.027e+04	-1258.09	-8.88e-05		25.5	1341.88	218.18	106.19-2.103e+04	1449.78	7.062e+04
						51.0	1341.88	1935.95	106.19-2.198e+04	4157.66	9.806e+04
						0.0	1704.71	-1560.76	70.59-2.384e+04	5317.45	9.910e+04
160	82	1.199e+05	8917.71	2.43e-03	-0.91	25.5	1704.71	403.94	70.59-2.483e+04	7117.58	8.430e+04
		8.330e+04	5317.45	-8.00e-05		51.0	1704.71	2390.61	70.59-2.585e+04	8917.71	1.199e+05
						0.0	1341.88	-1484.85	106.19-2.011e+04	-1258.09	8.681e+04
						25.5	1341.88	218.18	106.19-2.103e+04	1449.78	7.062e+04
160	86	9.806e+04	4157.66	1.63e-03	-0.80	51.0	1341.88	1935.95	106.19-2.198e+04	4157.66	9.806e+04
		7.027e+04	-1258.09	-8.88e-05		0.0	1512.54	-1511.55	88.52-2.174e+04	1849.61	9.232e+04
						25.5	1512.54	309.38	88.52-2.269e+04	4106.77	7.695e+04
						51.0	1512.54	2148.57	88.52-2.368e+04	6363.94	1.083e+05
160	87	1.083e+05	6363.94	2.02e-03	-0.85	0.0	1341.88	-1484.85	106.19-2.011e+04	-1258.09	8.681e+04
		7.633e+04	1849.61	-8.18e-05		25.5	1341.88	218.18	106.19-2.103e+04	1449.78	7.062e+04
						51.0	1341.88	1935.95	106.19-2.198e+04	4157.66	9.806e+04
						0.0	1512.54	-1511.55	88.52-2.174e+04	1849.61	9.232e+04
160	91	1.083e+05	6363.94	2.02e-03	-0.85	25.5	1512.54	309.38	88.52-2.269e+04	4106.77	7.695e+04
		7.633e+04	1849.61	-8.18e-05		51.0	1512.54	2148.57	88.52-2.368e+04	6363.94	1.083e+05
						0.0	1341.88	-1484.85	106.19-2.011e+04	-1258.09	8.681e+04
						25.5	1341.88	218.18	106.19-2.103e+04	1449.78	7.062e+04
160	92	1.042e+05	5481.42	1.86e-03	-0.83	51.0	1341.88	1935.95	106.19-2.198e+04	4157.66	9.806e+04
		7.390e+04	606.53	-8.46e-05		0.0	1444.27	-1500.87	95.59-2.109e+04	606.53	9.012e+04
						25.5	1444.27	272.90	95.59-2.202e+04	3043.98	7.442e+04
						51.0	1444.27	2063.52	95.59-2.300e+04	5481.42	1.042e+05
161	1	1.142e+05	-1448.42	3.49e-03	-0.79	0.0	1780.40	192.69	160.16-2.317e+04	-9616.62	2.291e+04
		2.291e+04	-9616.62	-1.10e-04		25.5	1780.40	1786.80	160.16-2.402e+04	-5532.52	4.810e+04
						51.0	1780.40	3405.18	160.16-2.490e+04	-1448.42	1.142e+05
						0.0	2129.71	496.06	106.11-2.888e+04	3076.91	1.145e+04
161	4	1.327e+05	8488.54	4.88e-03	-0.91	25.5	2129.71	2371.50	106.11-2.979e+04	5782.73	4.794e+04
		1.145e+04	3076.91	-1.21e-04		51.0	2129.71	4280.90	106.11-3.074e+04	8488.54	1.327e+05
						0.0	1323.05	104.88	130.19-1.713e+04	-9006.07	1.931e+04
						25.5	1323.05	1293.19	130.19-1.777e+04	-5686.16	3.710e+04
161	5	8.541e+04	-2366.25	2.49e-03	-0.59	51.0	1323.05	2498.82	130.19-1.844e+04	-2366.25	8.541e+04
		1.931e+04	-9006.07	-8.50e-05		0.0	1638.78	411.21	75.77-2.213e+04	3168.51	7285.09
						25.5	1638.78	1851.82	75.77-2.283e+04	5100.53	3.608e+04
						51.0	1638.78	3319.07	75.77-2.356e+04	7032.55	1.020e+05
161	7	1.020e+05	7032.55	3.83e-03	-0.70	0.0	1583.56	313.71	478.00-2.466e+04	-2.687e+04	2.147e+04
		7285.09	3168.51	-8.64e-05		25.5	1583.56	313.71	478.00-2.466e+04	-2.687e+04	2.147e+04
						51.0	1583.56	313.71	478.00-2.466e+04	-2.687e+04	2.147e+04
						0.0	1583.56	313.71	478.00-2.466e+04	-2.687e+04	2.147e+04

		2.147e+04	-2.687e+04	-1.27e-04		25.5	1583.56	1617.63	478.00	-2.546e+04	-1.498e+04	3.907e+04
161	40	8.829e+04	-4.543e+04	0.02	-0.57	51.0	1583.56	2951.30	478.00	-2.629e+04	-3090.30	9.354e+04
		1.178e+04	-7.158e+04	-8.98e-04		0.0	671.52	199.52	516.39	-9335.91	-7.158e+04	1.178e+04
						25.5	671.52	1346.32	516.39	-1.015e+04	-5.851e+04	3.341e+04
161	41	9.194e+04	6.026e+04	-0.02	-0.67	51.0	671.52	2491.10	516.39	-1.097e+04	-4.543e+04	8.829e+04
		2.013e+04	4.588e+04	7.28e-04		0.0	2153.42	181.77	-285.68	-2.770e+04	6.026e+04	2.013e+04
						25.5	2153.42	1555.39	-285.68	-2.822e+04	5.307e+04	4.027e+04
161	44	8.823e+04	-4.247e+04	0.02	-0.57	51.0	2153.42	2970.92	-285.68	-2.877e+04	4.588e+04	9.194e+04
		1.188e+04	-6.755e+04	-8.66e-04		0.0	666.14	198.74	497.51	-9477.27	-6.755e+04	1.188e+04
						25.5	666.14	1347.67	497.51	-1.029e+04	-5.501e+04	3.348e+04
161	45	9.200e+04	5.622e+04	-0.02	-0.67	51.0	666.14	2494.46	497.51	-1.111e+04	-4.247e+04	8.823e+04
		2.002e+04	4.292e+04	6.96e-04		0.0	2158.80	182.56	-266.80	-2.756e+04	5.622e+04	2.002e+04
						25.5	2158.80	1554.04	-266.80	-2.808e+04	4.957e+04	4.020e+04
161	46	8.676e+04	-3.903e+04	0.02	-0.57	51.0	2158.80	2967.56	-266.80	-2.863e+04	4.292e+04	9.200e+04
		9319.20	-5.306e+04	-7.73e-04		0.0	705.08	131.10	269.43	-7328.86	-5.306e+04	9319.20
						25.5	705.08	1270.43	269.43	-8041.73	-4.604e+04	3.268e+04
161	51	9.446e+04	-3985.66	-0.01	-0.65	51.0	705.08	2406.10	269.43	-8765.34	-3.903e+04	8.676e+04
		2.297e+04	-3.260e+04	-1.38e-04		0.0	1629.93	347.01	575.97	-2.632e+04	-3.260e+04	2.297e+04
						25.5	1629.93	1662.70	575.97	-2.716e+04	-1.829e+04	3.968e+04
161	72	8.779e+04	-5.777e+04	0.03	-0.56	51.0	1629.93	3010.81	575.97	-2.803e+04	-3985.66	9.446e+04
		1.064e+04	-8.939e+04	-1.12e-03		0.0	471.17	201.78	624.76	-6854.00	-8.939e+04	1.064e+04
						25.5	471.17	1318.05	624.76	-7704.52	-7.358e+04	3.248e+04
161	73	9.244e+04	7.807e+04	-0.03	-0.69	51.0	471.17	2426.26	624.76	-8565.51	-5.777e+04	8.779e+04
		2.127e+04	5.821e+04	9.48e-04		0.0	2353.77	179.51	-394.05	-3.018e+04	7.807e+04	2.127e+04
						25.5	2353.77	1583.65	-394.05	-3.066e+04	6.814e+04	4.120e+04
161	76	8.772e+04	-5.401e+04	0.03	-0.56	51.0	2353.77	3035.76	-394.05	-3.117e+04	5.821e+04	9.244e+04
		1.077e+04	-8.427e+04	-1.08e-03		0.0	464.32	200.79	600.79	-7033.58	-8.427e+04	1.077e+04
						25.5	464.32	1319.77	600.79	-7881.99	-6.914e+04	3.256e+04
161	77	9.251e+04	7.295e+04	-0.03	-0.69	51.0	464.32	2430.53	600.79	-8741.22	-5.401e+04	8.772e+04
		2.113e+04	5.445e+04	9.07e-04		0.0	2360.62	180.50	-370.08	-3.000e+04	7.295e+04	2.113e+04
						25.5	2360.62	1581.94	-370.08	-3.048e+04	6.370e+04	4.111e+04
161	78	8.585e+04	-4.964e+04	0.03	-0.55	51.0	2360.62	3031.49	-370.08	-3.100e+04	5.445e+04	9.251e+04
		7517.02	-6.586e+04	-9.59e-04		0.0	513.75	114.87	311.06	-4304.42	-6.586e+04	7517.02
						25.5	513.75	1221.66	311.06	-5030.99	-5.775e+04	3.154e+04
161	79	8.681e+04	-1658.55	2.60e-03	-0.60	51.0	513.75	2318.30	311.06	-5764.19	-4.964e+04	8.585e+04
		1.836e+04	-8096.82	-8.49e-05		0.0	1349.33	129.38	126.24	-1.752e+04	-8096.82	1.836e+04
						25.5	1349.33	1339.13	126.24	-1.817e+04	-4877.69	3.704e+04
161	81	9.784e+04	4607.31	3.49e-03	-0.67	51.0	1349.33	2566.96	126.24	-1.884e+04	-1658.55	8.681e+04
		1.034e+04	19.57	-8.58e-05		0.0	1559.81	333.60	89.96	-2.085e+04	19.57	1.034e+04
						25.5	1559.81	1711.55	89.96	-2.154e+04	2313.44	3.636e+04
161	82	9.910e+04	4966.09	3.53e-03	-0.68	51.0	1559.81	3113.79	89.96	-2.226e+04	4607.31	9.784e+04
		1.072e+04	365.53	-9.19e-05		0.0	1582.20	331.62	90.21	-2.133e+04	365.53	1.072e+04
						25.5	1582.20	1728.93	90.21	-2.202e+04	2665.81	3.694e+04
161	86	8.681e+04	-1658.55	2.60e-03	-0.60	51.0	1582.20	3150.77	90.21	-2.274e+04	4966.09	9.910e+04
		1.836e+04	-8096.82	-8.49e-05		0.0	1349.33	129.38	126.24	-1.752e+04	-8096.82	1.836e+04
						25.5	1349.33	1339.13	126.24	-1.817e+04	-4877.69	3.704e+04
161	87	9.232e+04	1474.38	3.05e-03	-0.64	51.0	1349.33	2566.96	126.24	-1.884e+04	-1658.55	8.681e+04
		1.435e+04	-4038.63	-8.53e-05		0.0	1454.57	231.49	108.10	-1.919e+04	-4038.63	1.435e+04
						25.5	1454.57	1525.34	108.10	-1.986e+04	-1282.12	3.670e+04
161	91	8.681e+04	-1658.55	2.60e-03	-0.60	51.0	1454.57	2840.38	108.10	-2.055e+04	1474.38	9.232e+04
		1.836e+04	-8096.82	-8.49e-05		0.0	1349.33	129.38	126.24	-1.752e+04	-8096.82	1.836e+04
						25.5	1349.33	1339.13	126.24	-1.817e+04	-4877.69	3.704e+04
161	92	9.012e+04	221.21	2.87e-03	-0.62	51.0	1349.33	2566.96	126.24	-1.884e+04	-1658.55	8.681e+04
		1.595e+04	-5661.90	-8.52e-05		0.0	1412.47	190.65	115.36	-1.918e+04	-5661.90	1.595e+04
						25.5	1412.47	1450.85	115.36	-1.918e+04	-2720.35	3.684e+04
162	3	4.149e+05	-1.304e+04	-1.13e-03	-0.92	51.0	1412.47	2731.01	115.36	-1.987e+04	221.21	9.012e+04
		2.861e+05	-1.445e+04	-1.16e-04		0.0	1809.40	-218.95	-23.16	-6.302e+04	-1.304e+04	2.864e+05
						30.5	1809.40	2107.81	-23.16	-6.426e+04	-1.374e+04	3.152e+05
162	4	4.201e+05	-1.309e+04	-1.11e-03	-0.93	61.0	1809.40	4426.42	-23.16	-6.563e+04	-1.445e+04	4.149e+05
		2.900e+05	-1.439e+04	-1.27e-04		0.0	1876.07	-234.71	-21.38	-6.375e+04	-1.309e+04	2.904e+05
						30.5	1876.07	2127.58	-21.38	-6.501e+04	-1.374e+04	3.192e+05
162	5	2.546e+05	7879.95	-1.06e-03	-0.61	61.0	1876.07	4482.17	-21.38	-6.639e+04	-1.439e+04	4.201e+05
		1.791e+05	4729.77	-1.04e-04		0.0	727.30	-281.08	-21.38	-6.399e+04	-1.439e+04	4.201e+05
						30.5	727.30	1226.23	51.64	-3.625e+04	6304.86	1.943e+05
162	12	2.650e+05	7997.93	-9.62e-04	-0.63	61.0	727.30	2724.69	51.64	-3.698e+04	7879.95	2.546e+05
		1.870e+05	4631.05	-1.27e-04		0.0	860.64	-312.61	55.19	-3.706e+04	4631.05	1.879e+05
						30.5	860.64	1265.77	55.19	-3.774e+04	6314.49	2.024e+05
162	27	3.105e+05	-3.272e+04	-9.26e-03	-0.67	61.0	860.64	2836.19	55.19	-3.850e+04	7997.93	2.650e+05
		2.063e+05	-3.427e+04	-1.07e-03		0.0	1759.16	51.56	23.95	-4.566e+04	-3.427e+04	2.063e+05
						30.5	1759.16	1717.30	23.95	-4.617e+04	-3.350e+04	2.328e+05
162	30	2.385e+05	3.680e+04	0.01	-0.60	61.0	1759.16	3384.91	23.95	-4.678e+04	-3.272e+04	3.105e+05
		1.757e+05	3.466e+04	8.73e-04		0.0	102.09	-544.90	36.56	-3.349e+04	3.466e+04	1.784e+05
						30.5	102.09	979.19	36.56	-3.447e+04	3.573e+04	1.855e+05
162	38	2.210e+05	-1.320e+04	0.03	-0.55	61.0	102.09	2485.26	36.56	-3.553e+04	3.680e+04	2.385e+05
		1.627e+05	-4.521e+04	-2.58e-04		0.0	454.89	-465.36	-525.75	-2.807e+04	-1.320e+04	1.649e+05
						30.5	454.89	915.55	-525.75	-2.967e+04	-2.921e+04	1.720e+05
						61.0	454.89	2286.03	-525.75	-3.133e+04	-4.521e+04	2.210e+05

162	43	3.299e+05	5.400e+04	-0.03	-0.73	0.0	1464.63	5.40	652.66	-5.275e+04	1.433e+04	2.193e+05
		2.193e+05	1.433e+04	2.19e-04		30.5	1464.63	1818.11	652.66	-5.262e+04	3.416e+04	2.469e+05
						61.0	1464.63	3625.28	652.66	-5.259e+04	5.400e+04	3.299e+05
162	44	2.319e+05	-3.947e+04	0.03	-0.56	0.0	837.28	-351.96	-719.42	-2.781e+04	-3.947e+04	1.692e+05
		1.678e+05	-8.311e+04	-1.12e-03		30.5	837.28	1028.77	-719.42	-2.946e+04	-6.129e+04	1.795e+05
						61.0	837.28	2404.96	-719.42	-3.116e+04	-8.311e+04	2.319e+05
162	45	3.171e+05	8.719e+04	-0.03	-0.72	0.0	1023.97	-141.38	779.93	-5.134e+04	3.985e+04	2.155e+05
		2.154e+05	3.985e+04	9.22e-04		30.5	1023.97	1667.72	779.93	-5.119e+04	6.352e+04	2.388e+05
						61.0	1023.97	3465.21	779.93	-5.115e+04	8.719e+04	3.171e+05
162	59	3.202e+05	-4.211e+04	-0.01	-0.68	0.0	1983.11	132.16	22.30	-4.731e+04	-4.359e+04	2.101e+05
		2.101e+05	-4.359e+04	-1.33e-03		30.5	1983.11	1817.02	22.30	-4.775e+04	-4.285e+04	2.392e+05
						61.0	1983.11	3506.41	22.30	-4.830e+04	-4.211e+04	3.202e+05
162	62	2.288e+05	4.619e+04	0.01	-0.59	0.0	-121.87	-625.50	38.21	-3.184e+04	4.398e+04	1.747e+05
		1.711e+05	4.398e+04	1.14e-03		30.5	-121.87	879.47	38.21	-3.289e+04	4.508e+04	1.792e+05
						61.0	-121.87	2363.75	38.21	-3.401e+04	4.619e+04	2.288e+05
162	70	2.065e+05	-1.682e+04	0.03	-0.54	0.0	326.31	-524.45	-676.04	-2.496e+04	-1.682e+04	2.157e+05
		1.545e+05	-5.799e+04	-3.01e-04		30.5	326.31	798.63	-676.04	-2.679e+04	-3.741e+04	1.620e+05
						61.0	326.31	2110.65	-676.04	-2.867e+04	-5.799e+04	2.065e+05
162	75	3.449e+05	6.804e+04	-0.03	-0.75	0.0	1608.95	73.54	820.93	-5.631e+04	1.815e+04	2.266e+05
		2.266e+05	1.815e+04	3.05e-04		30.5	1608.95	1945.09	820.93	-5.594e+04	4.310e+04	2.571e+05
						61.0	1608.95	3811.78	820.93	-5.569e+04	6.804e+04	3.449e+05
162	76	2.204e+05	-5.018e+04	0.03	-0.54	0.0	812.08	-380.44	-922.07	-2.463e+04	-5.018e+04	1.630e+05
		1.613e+05	-1.061e+05	-1.40e-03		30.5	812.08	942.43	-922.07	-2.652e+04	-7.815e+04	1.715e+05
						61.0	812.08	2261.68	-922.07	-2.846e+04	-1.061e+05	2.204e+05
162	77	3.287e+05	1.102e+05	-0.03	-0.75	0.0	1049.17	-112.90	982.58	-5.452e+04	5.057e+04	2.217e+05
		2.217e+05	5.057e+04	1.20e-03		30.5	1049.17	1754.06	982.58	-5.413e+04	8.039e+04	2.468e+05
						61.0	1049.17	3608.49	982.58	-5.385e+04	1.102e+05	3.287e+05
162	79	2.604e+05	6209.98	-1.04e-03	-0.62	0.0	783.86	-271.60	45.48	-3.676e+04	3435.91	1.835e+05
		1.829e+05	3435.91	-1.02e-04		30.5	783.86	1261.92	45.48	-3.745e+04	4822.94	1.986e+05
						61.0	783.86	2786.78	45.48	-3.821e+04	6209.98	2.604e+05
162	81	3.074e+05	-7370.03	-8.87e-04	-0.69	0.0	1273.07	-188.50	-5.26	-4.613e+04	-7370.03	2.129e+05
		2.126e+05	-7691.05	-9.18e-05		30.5	1273.07	1549.67	-5.26	-4.703e+04	-7530.54	2.337e+05
						61.0	1273.07	3281.13	-5.26	-4.803e+04	-7691.05	3.074e+05
162	82	3.109e+05	-7402.94	-8.70e-04	-0.70	0.0	1317.52	-199.01	-4.08	-4.662e+04	-7402.94	2.156e+05
		2.153e+05	-7651.73	-9.97e-05		30.5	1317.52	1562.85	-4.08	-4.753e+04	-7527.33	2.364e+05
						61.0	1317.52	3318.29	-4.08	-4.854e+04	-7651.73	3.109e+05
162	83	2.674e+05	6288.63	-9.76e-04	-0.63	0.0	872.76	-292.62	47.84	-3.774e+04	3370.09	1.889e+05
		1.881e+05	3370.09	-1.18e-04		30.5	872.76	1288.29	47.84	-3.844e+04	4829.36	2.041e+05
						61.0	872.76	2861.11	47.84	-3.922e+04	6288.63	2.674e+05
162	86	2.604e+05	6209.98	-1.04e-03	-0.62	0.0	783.86	-271.60	45.48	-3.676e+04	3435.91	1.835e+05
		1.829e+05	3435.91	-1.02e-04		30.5	783.86	1261.92	45.48	-3.745e+04	4822.94	1.986e+05
						61.0	783.86	2786.78	45.48	-3.821e+04	6209.98	2.604e+05
162	87	2.839e+05	-740.54	-9.45e-04	-0.65	0.0	1028.47	-230.05	20.11	-4.145e+04	-1967.06	1.982e+05
		1.977e+05	-1967.06	-9.70e-05		30.5	1028.47	1405.79	20.11	-4.224e+04	-1353.80	2.162e+05
						61.0	1028.47	3033.95	20.11	-4.312e+04	-740.54	2.839e+05
162	88	2.618e+05	6225.71	-1.03e-03	-0.62	0.0	801.64	-275.81	45.95	-3.696e+04	3422.75	1.846e+05
		1.839e+05	3422.75	-1.05e-04		30.5	801.64	1267.19	45.95	-3.765e+04	4824.23	1.997e+05
						61.0	801.64	2801.64	45.95	-3.841e+04	6225.71	2.618e+05
162	91	2.604e+05	6209.98	-1.04e-03	-0.62	0.0	783.86	-271.60	45.48	-3.676e+04	3435.91	1.835e+05
		1.829e+05	3435.91	-1.02e-04		30.5	783.86	1261.92	45.48	-3.745e+04	4822.94	1.986e+05
						61.0	783.86	2786.78	45.48	-3.821e+04	6209.98	2.604e+05
162	92	2.745e+05	2039.67	-9.80e-04	-0.64	0.0	930.62	-246.67	30.25	-3.957e+04	194.13	1.924e+05
		1.918e+05	194.13	-9.90e-05		30.5	930.62	1348.24	30.25	-4.032e+04	1116.90	2.092e+05
						61.0	930.62	2935.08	30.25	-4.115e+04	2039.67	2.745e+05
163	4	2.904e+05	-8693.06	-4.42e-03	-1.23	0.0	1069.01	10.43	-65.76	-5.774e+04	-8693.06	9.426e+04
		9.426e+04	-1.270e+04	-8.49e-05		30.5	1069.01	3206.17	-65.76	-5.908e+04	-1.070e+04	1.432e+05
						61.0	1069.01	6453.61	-65.76	-6.058e+04	-1.270e+04	2.904e+05
163	5	1.799e+05	4832.48	-2.22e-03	-0.81	0.0	329.01	-32.00	21.15	-3.293e+04	3542.64	5.531e+04
		5.531e+04	3542.64	-1.21e-04		30.5	329.01	2037.27	21.15	-3.362e+04	4187.56	8.581e+04
						61.0	329.01	4132.68	21.15	-3.440e+04	4832.48	1.799e+05
163	22	1.807e+05	3.305e+04	0.01	-0.80	0.0	-372.20	-289.40	29.76	-3.056e+04	3.166e+04	4.953e+04
		4.953e+04	3.166e+04	-2.45e-04		30.5	-372.20	1836.28	29.76	-3.162e+04	3.236e+04	8.676e+04
						61.0	-372.20	3976.40	29.76	-3.276e+04	3.305e+04	1.807e+05
163	27	2.063e+05	-3.311e+04	-0.01	-0.89	0.0	1342.90	237.74	-26.89	-4.113e+04	-3.311e+04	6.849e+04
		6.813e+04	-3.418e+04	1.31e-03		30.5	1342.90	2483.53	-26.89	-4.159e+04	-3.365e+04	9.821e+04
						61.0	1342.90	4777.53	-26.89	-4.216e+04	-3.418e+04	2.063e+05
163	28	1.913e+05	-2.666e+04	7.33e-03	-0.82	0.0	1105.81	139.97	-379.41	-3.509e+04	-2.666e+04	6.569e+04
		6.556e+04	-4.996e+04	9.62e-04		30.5	1105.81	2217.40	-379.41	-3.627e+04	-3.831e+04	9.355e+04
						61.0	1105.81	4339.75	-379.41	-3.756e+04	-4.996e+04	1.913e+05
163	29	1.935e+05	5.067e+04	-7.33e-03	-0.87	0.0	-171.18	-174.57	377.12	-3.755e+04	2.751e+04	5.464e+04
		5.464e+04	2.751e+04	-1.16e-03		30.5	-171.18	2106.65	377.12	-3.795e+04	3.909e+04	9.202e+04
						61.0	-171.18	4402.91	377.12	-3.845e+04	5.067e+04	1.935e+05
163	30	1.784e+05	3.489e+04	0.01	-0.80	0.0	-408.27	-272.33	24.60	-3.151e+04	3.396e+04	5.185e+04
		5.185e+04	3.396e+04	-1.52e-03		30.5	-408.27	1840.52	24.60	-3.264e+04	3.443e+04	8.736e+04
						61.0	-408.27	3965.12	24.60	-3.385e+04	3.489e+04	1.784e+05
163	35	2.198e+05	1.317e+04	-0.03	-0.97	0.0	1034.71	176.07	466.88	-4.541e+04	-1.628e+04	6.645e+04
		6.645e+04	-1.628e+04	7.03e-04		30.5	1034.71	2625.28	466.88	-4.505e+04	-1556.42	1.030e+05

163	54	1.775e+05	4.189e+04	0.02	-0.79	61.0	1034.71	5115.46	466.88	-4.484e+04	1.317e+04	2.198e+05
		4.666e+04	4.010e+04	-2.84e-04		0.0	-599.05	-362.92	38.06	-2.900e+04	4.010e+04	4.666e+04
						30.5	-599.05	1748.31	38.06	-3.014e+04	4.099e+04	8.513e+04
163	59	2.101e+05	-4.217e+04	-0.02	-0.90	61.0	-599.05	3869.82	38.06	-3.135e+04	4.189e+04	1.775e+05
		7.016e+04	-4.352e+04	1.70e-03		0.0	1579.55	306.66	-33.80	-4.243e+04	-4.217e+04	7.074e+04
						30.5	1579.55	2570.36	-33.80	-4.280e+04	-4.284e+04	9.969e+04
163	60	1.910e+05	-3.398e+04	8.63e-03	-0.81	61.0	1579.55	4887.16	-33.80	-4.328e+04	-4.352e+04	2.101e+05
		6.690e+04	-6.355e+04	1.25e-03		0.0	1278.37	182.47	-481.62	-3.476e+04	-3.398e+04	6.719e+04
						30.5	1278.37	2232.32	-481.62	-3.605e+04	-4.877e+04	9.376e+04
163	61	1.938e+05	6.426e+04	-8.63e-03	-0.88	61.0	1278.37	4331.07	-481.62	-3.743e+04	-6.355e+04	1.910e+05
		5.315e+04	3.483e+04	-1.45e-03		0.0	-343.74	-217.07	479.33	-3.788e+04	3.483e+04	5.315e+04
						30.5	-343.74	2091.74	479.33	-3.818e+04	4.955e+04	9.181e+04
163	62	1.747e+05	4.423e+04	0.02	-0.79	61.0	-343.74	4411.58	479.33	-3.857e+04	6.426e+04	1.938e+05
		4.960e+04	4.302e+04	-1.90e-03		0.0	-644.92	-341.25	31.52	-3.021e+04	4.302e+04	4.960e+04
						30.5	-644.92	1753.69	31.52	-3.143e+04	4.362e+04	8.589e+04
163	67	2.272e+05	1.663e+04	-0.03	-1.00	61.0	-644.92	3855.50	31.52	-3.272e+04	4.423e+04	1.747e+05
		6.815e+04	-2.080e+04	9.20e-04		0.0	1188.06	228.32	593.38	-4.787e+04	-2.080e+04	6.815e+04
						30.5	1188.06	2750.45	593.38	-4.720e+04	-2084.09	1.058e+05
163	79	1.835e+05	3555.59	-2.31e-03	-0.82	61.0	1188.06	5316.50	593.38	-4.669e+04	1.663e+04	2.272e+05
		5.672e+04	2657.88	-1.15e-04		0.0	366.98	-27.83	14.72	-3.393e+04	2657.88	5.672e+04
						30.5	366.98	2074.55	14.72	-3.465e+04	3106.74	8.785e+04
163	82	2.156e+05	-4851.15	-3.19e-03	-0.92	61.0	366.98	4204.13	14.72	-3.546e+04	3555.59	1.835e+05
		6.947e+04	-7144.10	-7.59e-05		0.0	736.29	0.47	-37.59	-4.235e+04	-4851.15	6.947e+04
						30.5	736.29	2389.20	-37.59	-4.332e+04	-5997.63	1.058e+05
163	86	1.835e+05	3555.59	-2.31e-03	-0.82	61.0	736.29	4815.32	-37.59	-4.441e+04	-7144.10	2.156e+05
		5.672e+04	2657.88	-1.15e-04		0.0	366.98	-27.83	14.72	-3.393e+04	2657.88	5.672e+04
						30.5	366.98	2074.55	14.72	-3.465e+04	3106.74	8.785e+04
163	87	1.982e+05	-1063.19	-2.71e-03	-0.87	61.0	366.98	4204.13	14.72	-3.546e+04	3555.59	1.835e+05
		6.247e+04	-1777.80	-9.16e-05		0.0	534.21	-10.28	-11.71	-3.791e+04	-1063.19	6.247e+04
						30.5	534.21	2220.35	-11.71	-3.875e+04	-1420.50	9.608e+04
163	91	1.835e+05	3555.59	-2.31e-03	-0.82	61.0	534.21	4482.80	-11.71	-3.970e+04	-1777.80	1.982e+05
		5.672e+04	2657.88	-1.15e-04		0.0	366.98	-27.83	14.72	-3.393e+04	2657.88	5.672e+04
						30.5	366.98	2074.55	14.72	-3.465e+04	3106.74	8.785e+04
163	92	1.924e+05	425.24	-2.55e-03	-0.85	61.0	366.98	4204.13	14.72	-3.546e+04	3555.59	1.835e+05
		6.017e+04	355.56	-1.01e-04		0.0	467.32	-17.30	-1.14	-3.632e+04	425.24	6.017e+04
						30.5	467.32	2162.03	-1.14	-3.711e+04	390.40	9.279e+04
164	1	7.515e+04	2746.08	3.79e-03	-1.31	61.0	467.32	4371.33	-1.14	-3.800e+04	355.56	1.924e+05
		-1.590e+05	2518.61	-1.53e-04		0.0	-231.44	375.27	-3.73	-4.303e+04	2746.08	-1.590e+05
						30.5	-231.44	3828.63	-3.73	-4.394e+04	2632.34	-9.498e+04
164	4	9.427e+04	-4269.17	5.39e-03	-1.49	61.0	-231.44	7337.98	-3.73	-4.500e+04	2518.61	7.515e+04
		-1.747e+05	-8672.20	-5.53e-05		0.0	97.09	449.22	-72.18	-5.418e+04	-4269.17	-1.747e+05
						30.5	97.09	4395.24	-72.18	-5.548e+04	-6470.69	-1.010e+05
164	5	5.531e+04	3492.05	2.72e-03	-0.99	61.0	97.09	8420.56	-72.18	-5.697e+04	-8672.20	9.427e+04
		-1.200e+05	3066.45	-1.34e-04		0.0	-214.95	277.77	6.98	-3.154e+04	3066.45	-1.200e+05
						30.5	-214.95	2866.42	6.98	-3.218e+04	3279.25	-7.209e+04
164	8	7.443e+04	-3948.80	4.32e-03	-1.17	61.0	-214.95	5495.26	6.98	-3.293e+04	3492.05	5.531e+04
		-1.356e+05	-7698.75	-3.61e-05		0.0	113.58	351.73	-61.47	-4.269e+04	-3948.80	-1.356e+05
						30.5	113.58	3433.03	-61.47	-4.373e+04	-5823.78	-7.806e+04
164	19	7.081e+04	-2.600e+04	-0.01	-1.09	61.0	113.58	6577.84	-61.47	-4.491e+04	-7698.75	7.443e+04
		-1.086e+05	-3.093e+04	1.13e-04		0.0	737.84	341.97	-80.13	-3.973e+04	-2.600e+04	-1.086e+05
						30.5	737.84	3189.38	-80.13	-4.011e+04	-2.846e+04	-6.023e+04
164	27	6.849e+04	-2.887e+04	-0.01	-1.09	61.0	737.84	6111.74	-80.13	-4.065e+04	-3.093e+04	7.081e+04
		-1.099e+05	-3.317e+04	4.53e-05		0.0	768.31	340.94	-72.57	-3.870e+04	-2.887e+04	-1.099e+05
						30.5	768.31	3189.36	-72.57	-3.901e+04	-3.102e+04	-6.179e+04
164	30	5.185e+04	3.397e+04	0.01	-0.97	61.0	768.31	6105.89	-72.57	-3.947e+04	-3.317e+04	6.849e+04
		-1.383e+05	3.116e+04	-2.51e-04		0.0	-1039.64	255.03	47.93	-3.033e+04	3.116e+04	-1.383e+05
						30.5	-1039.64	2836.85	47.93	-3.153e+04	3.256e+04	-8.563e+04
164	42	5.274e+04	4.272e+04	0.03	-0.91	61.0	-1039.64	5442.63	47.93	-3.281e+04	3.397e+04	5.185e+04
		-1.542e+05	1.964e+04	-7.35e-04		0.0	-892.88	220.64	-386.62	-2.470e+04	4.272e+04	-1.542e+05
						30.5	-892.88	2581.29	-386.62	-2.698e+04	3.118e+04	-9.649e+04
164	43	6.690e+04	-1.952e+04	-0.03	-1.18	61.0	-892.88	4976.17	-386.62	-2.931e+04	1.964e+04	5.274e+04
		-9.442e+04	-4.128e+04	5.09e-04		0.0	630.69	375.03	364.25	-4.403e+04	-4.128e+04	-9.442e+04
						30.5	630.69	3444.92	364.25	-4.323e+04	-3.040e+04	-5.139e+04
164	46	5.344e+04	4.358e+04	0.03	-0.91	61.0	630.69	6570.60	364.25	-4.262e+04	-1.952e+04	6.690e+04
		-1.538e+05	2.031e+04	-7.15e-04		0.0	-902.02	220.95	-388.88	-2.501e+04	4.358e+04	-1.538e+05
						30.5	-902.02	2581.29	-388.88	-2.731e+04	3.194e+04	-9.602e+04
164	51	7.368e+04	-3.334e+04	-0.02	-1.11	61.0	-902.02	4977.92	-388.88	-2.966e+04	2.031e+04	5.344e+04
		-1.044e+05	-3.939e+04	1.71e-04		0.0	973.88	353.84	-98.42	-4.114e+04	-3.334e+04	-1.044e+05
						30.5	973.88	3236.85	-98.42	-4.142e+04	-3.637e+04	-5.660e+04
164	59	7.074e+04	-3.698e+04	-0.02	-1.11	61.0	973.88	6202.67	-98.42	-4.186e+04	-3.939e+04	7.368e+04
		-1.060e+05	-4.225e+04	8.50e-05		0.0	1012.61	352.54	-88.82	-3.984e+04	-3.698e+04	-1.060e+05
						30.5	1012.61	3236.81	-88.82	-4.002e+04	-3.962e+04	-5.857e+04
164	62	4.960e+04	4.304e+04	0.02	-0.95	61.0	1012.61	6195.22	-88.82	-4.037e+04	-4.225e+04	7.074e+04
		-1.422e+05	3.928e+04	-2.91e-04		0.0	-1283.94	243.44	64.19	-2.920e+04	3.928e+04	-1.422e+05
						30.5	-1283.94	2789.40	64.19	-3.052e+04	4.116e+04	-8.885e+04
164	74	5.074e+04	5.396e+04	0.04	-0.88	61.0	-1283.94	5353.31	64.19	-3.192e+04	4.304e+04	4.960e+04
						0.0	-1097.53	199.75	-487.81	-2.205e+04	5.396e+04	-1.623e+05

		-1.623e+05	2.484e+04	-9.06e-04		30.5	-1097.53	2464.65	-487.81	-2.474e+04	3.940e+04	-1.026e+05
						61.0	-1097.53	4760.58	-487.81	-2.746e+04	2.484e+04	5.074e+04
164	75	6.872e+04	-2.491e+04	-0.04	-1.22	0.0	837.82	395.84	466.05	-4.660e+04	-5.276e+04	-8.641e+04
		-8.641e+04	-5.276e+04	6.74e-04		30.5	837.82	3561.54	466.05	-4.538e+04	-3.883e+04	-4.536e+04
						61.0	837.82	6785.71	466.05	-4.437e+04	-2.491e+04	6.872e+04
164	78	5.162e+04	5.505e+04	0.04	-0.88	0.0	-1109.15	200.14	-490.68	-2.244e+04	5.505e+04	-1.618e+05
		-1.618e+05	2.570e+04	-8.80e-04		30.5	-1109.15	2464.66	-490.68	-2.516e+04	4.038e+04	-1.021e+05
						61.0	-1109.15	4762.82	-490.68	-2.791e+04	2.570e+04	5.162e+04
164	79	5.672e+04	2613.33	2.83e-03	-1.00	0.0	-194.08	283.93	1.41	-3.242e+04	2527.19	-1.213e+05
		-1.213e+05	2527.19	-1.25e-04		30.5	-194.08	2910.89	1.41	-3.310e+04	2570.26	-7.264e+04
						61.0	-194.08	5579.67	1.41	-3.388e+04	2613.33	5.672e+04
164	82	6.947e+04	-2149.65	3.90e-03	-1.12	0.0	24.94	333.23	-44.22	-3.986e+04	-2149.65	-1.317e+05
		-1.317e+05	-4847.21	-5.96e-05		30.5	24.94	3288.63	-44.22	-4.079e+04	-3498.43	7.662e+04
						61.0	24.94	6301.39	-44.22	-4.187e+04	-4847.21	6.947e+04
164	86	5.672e+04	2613.33	2.83e-03	-1.00	0.0	-194.08	283.93	1.41	-3.242e+04	2527.19	-1.213e+05
		-1.213e+05	2527.19	-1.25e-04		30.5	-194.08	2910.89	1.41	-3.310e+04	2570.26	-7.264e+04
						61.0	-194.08	5579.67	1.41	-3.388e+04	2613.33	5.672e+04
164	87	6.247e+04	227.21	3.31e-03	-1.05	0.0	-96.72	307.36	-21.47	-3.592e+04	227.21	-1.260e+05
		-1.260e+05	-1082.56	-8.83e-05		30.5	-96.72	3081.24	-21.47	-3.672e+04	-427.67	-7.442e+04
						61.0	-96.72	5903.99	-21.47	-3.765e+04	-1082.56	6.247e+04
164	91	5.672e+04	2613.33	2.83e-03	-1.00	0.0	-194.08	283.93	1.41	-3.242e+04	2527.19	-1.213e+05
		-1.213e+05	2527.19	-1.25e-04		30.5	-194.08	2910.89	1.41	-3.310e+04	2570.26	-7.264e+04
						61.0	-194.08	5579.67	1.41	-3.388e+04	2613.33	5.672e+04
164	92	6.017e+04	1147.20	3.12e-03	-1.03	0.0	-135.67	297.99	-12.32	-3.452e+04	1147.20	-1.241e+05
		-1.241e+05	395.79	-1.03e-04		30.5	-135.67	3013.10	-12.32	-3.527e+04	771.50	-7.371e+04
						61.0	-135.67	5774.26	-12.32	-3.614e+04	395.79	6.017e+04
165	1	-1.590e+05	2839.00	7.74e-04	-1.35	0.0	-2324.68	-895.45	-6.80	-4.224e+04	2839.00	-3.270e+05
		-3.303e+05	2424.00	-1.62e-04		30.5	-2324.68	2754.02	-6.80	-4.289e+04	2631.50	-2.986e+05
						61.0	-2324.68	6402.27	-6.80	-4.370e+04	2424.00	-1.590e+05
165	4	-1.747e+05	-760.57	1.20e-03	-1.52	0.0	-2411.41	-853.62	-63.09	-5.241e+04	-760.57	-3.748e+05
		-3.773e+05	-4609.18	-3.98e-05		30.5	-2411.41	3277.39	-63.09	-5.340e+04	-2684.87	-3.378e+05
						61.0	-2411.41	7425.27	-63.09	-5.459e+04	-4609.18	-1.747e+05
165	5	-1.200e+05	2820.92	5.97e-04	-1.01	0.0	-1769.04	-692.80	2.82	-3.107e+04	2649.17	-2.448e+05
		-2.475e+05	2649.17	-1.44e-04		30.5	-1769.04	2047.43	2.82	-3.152e+04	2735.04	-2.241e+05
						61.0	-1769.04	4784.64	2.82	-3.209e+04	2820.92	-1.200e+05
165	27	-1.099e+05	-2.197e+04	-0.01	-1.14	0.0	-831.99	-431.01	-128.24	-3.806e+04	-2.197e+04	-2.350e+05
		-2.382e+05	-2.921e+04	1.47e-04		30.5	-831.99	2481.39	-128.24	-3.809e+04	-2.559e+04	-2.169e+05
						61.0	-831.99	5530.77	-128.24	-3.828e+04	-2.921e+04	-1.099e+05
165	30	-1.383e+05	3.101e+04	0.01	-0.98	0.0	-2761.19	-932.93	102.31	-2.949e+04	2.535e+04	-2.795e+05
		-2.812e+05	2.535e+04	-3.60e-04		30.5	-2761.19	1883.03	102.31	-3.056e+04	2.818e+04	-2.517e+05
						61.0	-2761.19	4564.90	102.31	-3.171e+04	3.101e+04	-1.383e+05
165	39	-9.405e+04	-4.092e+04	-0.03	-1.22	0.0	-848.56	-354.30	157.61	-4.438e+04	-5.067e+04	-2.188e+05
		-2.202e+05	-5.067e+04	8.21e-04		30.5	-848.56	2409.39	157.61	-4.324e+04	-4.579e+04	-1.958e+05
						61.0	-848.56	5654.23	157.61	-4.228e+04	-4.092e+04	-9.405e+04
165	42	-1.542e+05	5.404e+04	0.03	-0.94	0.0	-2744.62	-1009.64	-183.54	-2.317e+04	5.404e+04	-2.956e+05
		-2.992e+05	4.272e+04	-1.03e-03		30.5	-2744.62	1955.02	-183.54	-2.541e+04	4.838e+04	-2.728e+05
						61.0	-2744.62	4441.44	-183.54	-2.771e+04	4.272e+04	-1.542e+05
165	43	-9.442e+04	-4.177e+04	-0.03	-1.22	0.0	-841.81	-364.39	159.93	-4.409e+04	-5.166e+04	-2.190e+05
		-2.202e+05	-5.166e+04	6.52e-04		30.5	-841.81	2396.51	159.93	-4.292e+04	-4.671e+04	-1.955e+05
						61.0	-841.81	5638.90	159.93	-4.194e+04	-4.177e+04	-9.442e+04
165	46	-1.538e+05	5.504e+04	0.03	-0.94	0.0	-2751.37	-999.55	-185.86	-2.346e+04	5.504e+04	-2.955e+05
		-2.992e+05	4.357e+04	-8.64e-04		30.5	-2751.37	1967.90	-185.86	-2.573e+04	4.930e+04	-2.731e+05
						61.0	-2751.37	4456.77	-185.86	-2.805e+04	4.357e+04	-1.538e+05
165	59	-1.060e+05	-2.837e+04	-0.02	-1.16	0.0	-571.32	-363.17	-159.38	-3.921e+04	-2.837e+04	-2.290e+05
		-2.324e+05	-3.735e+04	2.16e-04		30.5	-571.32	2562.30	-159.38	-3.911e+04	-3.286e+04	-2.122e+05
						61.0	-571.32	5661.32	-159.38	-3.917e+04	-3.735e+04	-1.060e+05
165	62	-1.422e+05	3.915e+04	0.02	-0.97	0.0	-3021.86	-1000.76	133.45	-2.834e+04	3.175e+04	-2.855e+05
		-2.870e+05	3.175e+04	-4.29e-04		30.5	-3021.86	1802.11	133.45	-2.954e+04	3.545e+04	-2.564e+05
						61.0	-3021.86	4434.35	133.45	-3.083e+04	3.915e+04	-1.422e+05
165	71	-8.593e+04	-5.223e+04	-0.03	-1.27	0.0	-592.34	-265.76	203.72	-4.724e+04	-6.482e+04	-2.085e+05
		-2.095e+05	-6.482e+04	1.07e-03		30.5	-592.34	2470.80	203.72	-4.565e+04	-5.853e+04	-1.854e+05
						61.0	-592.34	5818.09	203.72	-4.425e+04	-5.223e+04	-8.593e+04
165	74	-1.623e+05	6.820e+04	0.03	-0.91	0.0	-3000.84	-1098.17	-229.65	-2.031e+04	6.820e+04	-3.060e+05
		-3.099e+05	5.403e+04	-1.28e-03		30.5	-3000.84	1893.62	-229.65	-2.300e+04	6.111e+04	-2.832e+05
						61.0	-3000.84	4277.58	-229.65	-2.574e+04	5.403e+04	-1.623e+05
165	75	-8.641e+04	-5.331e+04	-0.03	-1.27	0.0	-583.76	-278.56	206.66	-4.688e+04	-6.608e+04	-2.086e+05
		-2.096e+05	-6.608e+04	8.57e-04		30.5	-583.76	2454.46	206.66	-4.525e+04	-5.970e+04	-1.851e+05
						61.0	-583.76	5798.64	206.66	-4.382e+04	-5.331e+04	-8.641e+04
165	78	-1.618e+05	6.946e+04	0.03	-0.91	0.0	-3009.42	-1085.38	-232.59	-2.067e+04	6.946e+04	-3.058e+05
		-3.099e+05	5.510e+04	-1.07e-03		30.5	-3009.42	1909.96	-232.59	-2.340e+04	6.228e+04	-2.836e+05
						61.0	-3009.42	4297.03	-232.59	-2.617e+04	5.510e+04	-1.618e+05
165	79	-1.213e+05	2386.16	5.95e-04	-1.03	0.0	-1779.88	-690.54	-1.73	-3.187e+04	2386.16	-2.486e+05
		-2.512e+05	2280.40	-1.33e-04		30.5	-1779.88	2087.58	-1.73	-3.236e+04	2333.28	-2.272e+05
						61.0	-1779.88	4863.87	-1.73	-3.295e+04	2280.40	-1.213e+05
165	82	-1.317e+05	-13.55	8.15e-04	-1.14	0.0	-1837.70	-662.66	-39.26	-3.865e+04	-13.55	-2.805e+05
		-2.826e+05	-2408.39	-5.16e-05		30.5	-1837.70	2436.50	-39.26	-3.936e+04	-1210.97	-2.534e+05
						61.0	-1837.70	5545.87	-39.26	-4.021e+04	-2408.39	-1.317e+05

165	86	-1.213e+05	2386.16	5.95e-04	-1.03	0.0	-1779.88	-690.54	-1.73-3.187e+04	2386.16-2.486e+05
		-2.512e+05	2280.40	-1.33e-04		30.5	-1779.88	2087.58	-1.73-3.236e+04	2333.28-2.272e+05
						61.0	-1779.88	4863.87	-1.73-3.295e+04	2280.40-1.213e+05
165	87	-1.260e+05	1224.09	6.40e-04	-1.08	0.0	-1807.73	-676.25	-20.45-3.504e+04	1224.09-2.630e+05
		-2.654e+05	-23.30	-8.86e-05		30.5	-1807.73	2245.29	-20.45-3.564e+04	600.40-2.390e+05
						61.0	-1807.73	5170.48	-20.45-3.636e+04	-23.30-1.260e+05
165	91	-1.213e+05	2386.16	5.95e-04	-1.03	0.0	-1779.88	-690.54	-1.73-3.187e+04	2386.16-2.486e+05
		-2.512e+05	2280.40	-1.33e-04		30.5	-1779.88	2087.58	-1.73-3.236e+04	2333.28-2.272e+05
						61.0	-1779.88	4863.87	-1.73-3.295e+04	2280.40-1.213e+05
165	92	-1.241e+05	1688.92	6.10e-04	-1.06	0.0	-1796.59	-681.97	-12.96-3.378e+04	1688.92-2.572e+05
		-2.597e+05	898.18	-1.06e-04		30.5	-1796.59	2182.21	-12.96-3.432e+04	1293.55-2.343e+05
						61.0	-1796.59	5047.84	-12.96-3.500e+04	898.18-1.241e+05
166	1	-1.842e+05	2539.25	-6.84e-03	-1.37	0.0	-2529.17	-6025.86	0.94-4.228e+04	2481.94-1.842e+05
		-3.339e+05	2481.94	-1.71e-04		30.5	-2529.17	-2323.09	0.94-4.262e+04	2510.60-3.112e+05
						61.0	-2529.17	1277.04	0.94-4.311e+04	2539.25-3.270e+05
166	4	-2.227e+05	1654.94	-6.65e-03	-1.53	0.0	-2785.16	-6634.32	-45.78-5.183e+04	1654.94-2.227e+05
		-3.842e+05	-1137.92	-3.60e-05		30.5	-2785.16	-2475.44	-45.78-5.243e+04	258.51-3.613e+05
						61.0	-2785.16	1583.61	-45.78-5.321e+04	-1137.92-3.748e+05
166	5	-1.364e+05	2429.16	-5.26e-03	-1.03	0.0	-1904.90	-4547.51	7.40-3.118e+04	1977.96-1.364e+05
		-2.498e+05	1977.96	-1.52e-04		30.5	-1904.90	-1763.63	7.40-3.141e+04	2203.56-2.324e+05
						61.0	-1904.90	941.36	7.40-3.174e+04	2429.16-2.448e+05
166	8	-1.750e+05	1150.96	-5.07e-03	-1.19	0.0	-2160.88	-5155.97	-39.33-4.073e+04	1150.96-1.750e+05
		-3.001e+05	-1248.01	-1.76e-05		30.5	-2160.88	-1915.97	-39.33-4.122e+04	-48.53-2.826e+05
						61.0	-2160.88	1247.93	-39.33-4.185e+04	-1248.01-2.926e+05
166	15	-1.195e+05	-4052.99	-0.02	-1.17	0.0	-1017.01	-4404.31	-202.25-3.884e+04	-4052.99-1.195e+05
		-2.380e+05	-1.671e+04	1.48e-04		30.5	-1017.01	-1527.76	-202.25-3.871e+04	-1.038e+04-2.174e+05
						61.0	-1017.01	1332.34	-202.25-3.873e+04	-1.671e+04-2.349e+05
166	27	-1.228e+05	-8726.99	-0.02	-1.17	0.0	-1001.85	-4377.06	-199.95-3.848e+04	-8726.99-1.228e+05
		-2.385e+05	-2.216e+04	3.04e-04		30.5	-1001.85	-1542.81	-199.95-3.821e+04	-1.544e+04-2.192e+05
						61.0	-1001.85	1287.74	-199.95-3.811e+04	-2.216e+04-2.350e+05
166	30	-1.701e+05	2.506e+04	0.02	-0.99	0.0	-2949.75	-5031.68	188.56-2.896e+04	1.232e+04-1.701e+05
		-2.874e+05	1.232e+04	-5.27e-04		30.5	-2949.75	-2062.49	188.56-2.982e+04	1.869e+04-2.717e+05
						61.0	-2949.75	753.60	188.56-3.076e+04	2.506e+04-2.795e+05
166	40	-1.532e+05	5.583e+04	0.03	-0.98	0.0	-2437.38	-5435.45	-35.54-2.260e+04	5.583e+04-1.532e+05
		-2.926e+05	5.040e+04	-1.02e-03		30.5	-2437.38	-2118.12	-35.54-2.468e+04	5.312e+04-2.693e+05
						61.0	-2437.38	1034.05	-35.54-2.683e+04	5.040e+04-2.883e+05
166	41	-1.397e+05	-4.750e+04	-0.03	-1.23	0.0	-1514.22	-3973.29	24.15-4.484e+04	-5.224e+04-1.397e+05
		-2.334e+05	-5.224e+04	7.98e-04		30.5	-1514.22	-1487.17	24.15-4.336e+04	-4.987e+04-2.216e+05
						61.0	-1514.22	1007.28	24.15-4.204e+04	-4.750e+04-2.262e+05
166	42	-1.667e+05	5.350e+04	0.03	-0.95	0.0	-2895.74	-5490.73	77.61-2.136e+04	5.133e+04-1.667e+05
		-3.016e+05	5.133e+04	-1.05e-03		30.5	-2895.74	-2225.88	77.61-2.340e+04	5.242e+04-2.808e+05
						61.0	-2895.74	862.79	77.61-2.550e+04	5.350e+04-2.956e+05
166	47	-1.122e+05	-5637.01	-0.03	-1.20	0.0	-757.91	-4323.80	-255.37-4.023e+04	-5637.01-1.122e+05
		-2.314e+05	-2.162e+04	2.18e-04		30.5	-757.91	-1453.57	-255.37-3.998e+04	-1.363e+04-2.099e+05
						61.0	-757.91	1416.56	-255.37-3.989e+04	-2.162e+04-2.289e+05
166	59	-1.165e+05	-1.157e+04	-0.03	-1.20	0.0	-738.65	-4288.99	-252.47-3.976e+04	-1.157e+04-1.165e+05
		-2.321e+05	-2.855e+04	4.16e-04		30.5	-738.65	-1472.61	-252.47-3.935e+04	-2.006e+04-2.121e+05
						61.0	-738.65	1359.97	-252.47-3.910e+04	-2.855e+04-2.290e+05
166	62	-1.765e+05	3.144e+04	0.03	-0.97	0.0	-3212.95	-5119.74	241.09-2.768e+04	1.517e+04-1.765e+05
		-2.940e+05	1.517e+04	-6.39e-04		30.5	-3212.95	-2132.69	241.09-2.869e+04	2.330e+04-2.788e+05
						61.0	-3212.95	681.36	241.09-2.977e+04	3.144e+04-2.855e+05
166	72	-1.551e+05	7.044e+04	0.03	-0.96	0.0	-2562.17	-5633.18	-43.53-1.960e+04	7.044e+04-1.551e+05
		-3.007e+05	6.363e+04	-1.27e-03		30.5	-2562.17	-2203.42	-43.53-2.216e+04	6.704e+04-2.758e+05
						61.0	-2562.17	1037.63	-43.53-2.477e+04	6.363e+04-2.967e+05
166	73	-1.379e+05	-6.074e+04	-0.03	-1.27	0.0	-1389.43	-3775.55	32.14-4.784e+04	-6.685e+04-1.379e+05
		-2.256e+05	-6.685e+04	1.04e-03		30.5	-1389.43	-1401.88	32.14-4.588e+04	-6.379e+04-2.152e+05
						61.0	-1389.43	1003.70	32.14-4.410e+04	-6.074e+04-2.178e+05
166	74	-1.721e+05	6.758e+04	0.04	-0.92	0.0	-3144.39	-5703.07	100.20-1.802e+04	6.472e+04-1.721e+05
		-3.120e+05	6.472e+04	-1.30e-03		30.5	-3144.39	-2340.24	100.20-2.053e+04	6.615e+04-2.903e+05
						61.0	-3144.39	820.09	100.20-2.309e+04	6.758e+04-3.060e+05
166	79	-1.394e+05	2160.18	-5.26e-03	-1.05	0.0	-1927.86	-4597.12	3.62-3.194e+04	1939.09-1.394e+05
		-2.538e+05	1939.09	-1.41e-04		30.5	-1927.86	-1776.84	3.62-3.219e+04	2049.63-2.364e+05
						61.0	-1927.86	964.52	3.62-3.255e+04	2160.18-2.486e+05
166	82	-1.651e+05	1387.75	-5.13e-03	-1.15	0.0	-2098.51	-5002.76	-27.52-3.830e+04	1387.75-1.651e+05
		-2.873e+05	-291.27	-5.06e-05		30.5	-2098.51	-1878.40	-27.52-3.872e+04	548.24-2.698e+05
						61.0	-2098.51	1168.90	-27.52-3.928e+04	-291.27-2.805e+05
166	86	-1.394e+05	2160.18	-5.26e-03	-1.05	0.0	-1927.86	-4597.12	3.62-3.194e+04	1939.09-1.394e+05
		-2.538e+05	1939.09	-1.41e-04		30.5	-1927.86	-1776.84	3.62-3.219e+04	2049.63-2.364e+05
						61.0	-1927.86	964.52	3.62-3.255e+04	2160.18-2.486e+05
166	87	-1.512e+05	1700.50	-5.20e-03	-1.09	0.0	-2007.76	-4775.86	-11.91-3.491e+04	1700.50-1.512e+05
		-2.690e+05	974.20	-9.21e-05		30.5	-2007.76	-1819.86	-11.91-3.524e+04	1337.35-2.515e+05
						61.0	-2007.76	1058.10	-11.91-3.569e+04	974.20-2.630e+05
166	91	-1.394e+05	2160.18	-5.26e-03	-1.05	0.0	-1927.86	-4597.12	3.62-3.194e+04	1939.09-1.394e+05
		-2.538e+05	1939.09	-1.41e-04		30.5	-1927.86	-1776.84	3.62-3.219e+04	2049.63-2.364e+05
						61.0	-1927.86	964.52	3.62-3.255e+04	2160.18-2.486e+05
166	92	-1.465e+05	1795.94	-5.22e-03	-1.07	0.0	-1975.80	-4704.37	-5.69-3.372e+04	1795.94-1.465e+05
		-2.629e+05	1448.59	-1.11e-04		30.5	-1975.80	-1802.65	-5.69-3.402e+04	1622.26-2.455e+05

					61.0	-1975.80	1020.67	-5.69-3.443e+04	1448.59-2.572e+05		
167	3-5.079e+04 -2.195e+05	2794.18 1422.02	9.21e-03 -2.34e-05	-1.41	0.0	-1211.73	-6513.05	-28.29-5.248e+04	2794.18-5.079e+04		
					24.2	-1211.73	-3463.12	-28.29-5.268e+04	2108.10-1.715e+05		
					48.5	-1211.73	-510.22	-28.29-5.298e+04	1422.02-2.195e+05		
167	4-5.191e+04 -2.227e+05	2670.67 1306.15	9.25e-03 -3.15e-05	-1.43	0.0	-1213.80	-6591.13	-28.13-5.315e+04	2670.67-5.191e+04		
					24.2	-1213.80	-3505.94	-28.13-5.335e+04	1988.41-1.741e+05		
					48.5	-1213.80	-518.26	-28.13-5.366e+04	1306.15-2.227e+05		
167	5-2.251e+04 -1.364e+05	1809.95 1044.01	6.66e-03 -1.26e-04	-0.97	0.0	-801.96	-4410.36	15.79-3.247e+04	1044.01-2.251e+04		
					24.2	-801.96	-2337.21	15.79-3.250e+04	1426.98-1.042e+05		
					48.5	-801.96	-334.25	15.79-3.259e+04	1809.95-1.364e+05		
167	12-2.474e+04 -1.428e+05	1578.21 797.01	6.75e-03 -1.42e-04	-1.00	0.0	-806.10	-4566.52	16.11-3.382e+04	797.01-2.474e+04		
					24.2	-806.10	-2422.85	16.11-3.385e+04	1187.61-1.093e+05		
					48.5	-806.10	-350.33	16.11-3.394e+04	1578.21-1.428e+05		
167	18-4.773e+04 -1.735e+05	7343.84 -4058.20	0.03 -3.75e-04	-0.93	0.0	-1680.24	-4989.48	242.85-2.986e+04	-4058.20-4.773e+04		
					24.2	-1680.24	-2624.23	242.85-3.025e+04	1642.82-1.378e+05		
					48.5	-1680.24	-396.20	242.85-3.070e+04	7343.84-1.735e+05		
167	19 -6894.87 -1.200e+05	5072.71 -6306.11	-0.03 2.42e-04	-1.11	0.0	4.18	-4198.29	-241.93-4.044e+04	5072.71 -6894.87		
					24.2	4.18	-2250.08	-241.93-4.016e+04	-616.70-8.830e+04		
					48.5	4.18	-307.67	-241.93-3.996e+04	-6306.11-1.200e+05		
167	22-4.829e+04 -1.729e+05	9502.39 -2287.02	0.03 -4.27e-04	-0.92	0.0	-1689.78	-4996.87	250.40-2.940e+04	-2287.02-4.829e+04		
					24.2	-1689.78	-2628.20	250.40-2.982e+04	3607.69-1.372e+05		
					48.5	-1689.78	-396.98	250.40-3.029e+04	9502.39-1.729e+05		
167	40-2.928e+04 -1.532e+05	5.488e+04 4.779e+04	0.03 -9.28e-04	-0.93	0.0	-1163.12	-5193.31	146.56-2.337e+04	4.779e+04-2.928e+04		
					24.2	-1163.12	-2769.17	146.56-2.473e+04	5.134e+04-1.153e+05		
					48.5	-1163.12	-410.18	146.56-2.614e+04	5.488e+04-1.532e+05		
167	41-2.591e+04 -1.397e+05	-4.501e+04 -5.168e+04	-0.03 7.43e-04	-1.15	0.0	-522.47	-4001.86	-138.10-4.648e+04	-4.501e+04-2.591e+04		
					24.2	-522.47	-2109.11	-138.10-4.525e+04	-4.835e+04-1.103e+05		
					48.5	-522.47	-294.47	-138.10-4.411e+04	-5.168e+04-1.397e+05		
167	50-5.317e+04 -1.808e+05	8899.99 -5528.81	0.03 -4.51e-04	-0.90	0.0	-1906.56	-5095.25	307.35-2.850e+04	-5528.81-5.317e+04		
					24.2	-1906.56	-2674.17	307.35-2.898e+04	1685.59-1.445e+05		
					48.5	-1906.56	-408.04	307.35-2.950e+04	8899.99-1.808e+05		
167	51 -1300.20 -1.129e+05	6064.31 -8446.48	-0.03 3.33e-04	-1.14	0.0	233.10	-4090.52	-308.49-4.193e+04	6064.31 -1300.20		
					24.2	233.10	-2199.07	-308.49-4.156e+04	-1191.08-8.169e+04		
					48.5	233.10	-295.62	-308.49-4.127e+04	-8446.48-1.129e+05		
167	54-5.389e+04 -1.800e+05	1.164e+04 -3278.61	0.03 -5.18e-04	-0.90	0.0	-1918.69	-5104.65	316.96-2.791e+04	-3278.61-5.389e+04		
					24.2	-1918.69	-2679.21	316.96-2.842e+04	4182.07-1.438e+05		
					48.5	-1918.69	-409.03	316.96-2.898e+04	1.164e+04-1.800e+05		
167	72-2.974e+04 -1.551e+05	6.928e+04 6.033e+04	0.04 -1.15e-03	-0.90	0.0	-1249.77	-5354.33	185.11-2.024e+04	6.033e+04-2.974e+04		
					24.2	-1249.77	-2858.38	185.11-2.196e+04	6.481e+04-1.159e+05		
					48.5	-1249.77	-425.82	185.11-2.371e+04	6.928e+04-1.551e+05		
167	73-2.545e+04 -1.379e+05	-5.755e+04 -6.609e+04	-0.04 9.69e-04	-1.19	0.0	-435.83	-3840.84	-176.65-4.960e+04	-5.755e+04-2.545e+04		
					24.2	-435.83	-2019.90	-176.65-4.802e+04	-6.182e+04-1.096e+05		
					48.5	-435.83	-278.83	-176.65-4.654e+04	-6.609e+04-1.379e+05		
167	79-2.395e+04 -1.394e+05	1762.49 1157.80	6.71e-03 -1.16e-04	-0.98	0.0	-814.93	-4468.34	12.47-3.321e+04	1157.80-2.395e+04		
					24.2	-814.93	-2368.65	12.47-3.325e+04	1460.14-1.067e+05		
					48.5	-814.93	-339.69	12.47-3.335e+04	1762.49-1.394e+05		
167	81-3.609e+04 -1.630e+05	1941.30 1214.65	7.00e-03 -3.75e-05	-1.07	0.0	-907.83	-4899.16	-14.98-3.892e+04	1941.30-3.609e+04		
					24.2	-907.83	-2603.60	-14.98-3.905e+04	1577.97-1.269e+05		
					48.5	-907.83	-381.82	-14.98-3.926e+04	1214.65-1.630e+05		
167	82-3.683e+04 -1.651e+05	1858.97 1137.40	7.03e-03 -4.29e-05	-1.07	0.0	-909.21	-4951.21	-14.88-3.937e+04	1858.97-3.683e+04		
					24.2	-909.21	-2632.15	-14.88-3.950e+04	1498.18-1.286e+05		
					48.5	-909.21	-387.17	-14.88-3.971e+04	1137.40-1.651e+05		
167	83-2.544e+04 -1.437e+05	1608.00 993.13	6.77e-03 -1.27e-04	-1.00	0.0	-817.69	-4572.45	12.68-3.411e+04	993.13-2.544e+04		
					24.2	-817.69	-2425.75	12.68-3.415e+04	1300.56-1.101e+05		
					48.5	-817.69	-350.41	12.68-3.425e+04	1608.00-1.437e+05		
167	86-2.395e+04 -1.394e+05	1762.49 1157.80	6.71e-03 -1.16e-04	-0.98	0.0	-814.93	-4468.34	12.47-3.321e+04	1157.80-2.395e+04		
					24.2	-814.93	-2368.65	12.47-3.325e+04	1460.14-1.067e+05		
					48.5	-814.93	-339.69	12.47-3.335e+04	1762.49-1.394e+05		
167	87-3.002e+04 -1.512e+05	1549.55 1488.57	6.86e-03 -7.68e-05	-1.02	0.0	-861.38	-4683.75	-1.26-3.607e+04	1549.55-3.002e+04		
					24.2	-861.38	-2486.13	-1.26-3.615e+04	1519.06-1.168e+05		
					48.5	-861.38	-360.75	-1.26-3.631e+04	1488.57-1.512e+05		
167	88-2.425e+04 -1.403e+05	1731.59 1124.86	6.73e-03 -1.18e-04	-0.99	0.0	-815.48	-4489.16	12.51-3.339e+04	1124.86-2.425e+04		
					24.2	-815.48	-2380.07	12.51-3.343e+04	1428.23-1.074e+05		
					48.5	-815.48	-341.83	12.51-3.353e+04	1731.59-1.403e+05		
167	91-2.395e+04 -1.394e+05	1762.49 1157.80	6.71e-03 -1.16e-04	-0.98	0.0	-814.93	-4468.34	12.47-3.321e+04	1157.80-2.395e+04		
					24.2	-814.93	-2368.65	12.47-3.325e+04	1460.14-1.067e+05		
					48.5	-814.93	-339.69	12.47-3.335e+04	1762.49-1.394e+05		
167	92-2.759e+04 -1.465e+05	1598.14 1392.85	6.80e-03 -9.26e-05	-1.01	0.0	-842.80	-4597.58	4.23-3.492e+04	1392.85-2.759e+04		
					24.2	-842.80	-2439.14	4.23-3.499e+04	1495.49-1.128e+05		
					48.5	-842.80	-352.33	4.23-3.512e+04	1598.14-1.465e+05		
168	3 3.505e+04 -5.531e+04	3248.98 2400.16	0.01 -2.88e-05	-1.33	0.0	-480.86	-4612.53	-17.50-5.492e+04	3248.98 3.505e+04		
					24.2	-480.86	-1753.67	-17.50-5.491e+04	2824.57 -4.195e+04		
					48.5	-480.86	1008.29	-17.50-5.500e+04	2400.16-5.079e+04		
168	4 3.511e+04 -5.644e+04	3096.47 2271.65	0.01 -3.66e-05	-1.34	0.0	-477.20	-4669.13	-17.01-5.563e+04	3096.47 3.511e+04		
					24.2	-477.20	-1777.85	-17.01-5.562e+04	2684.06-4.286e+04		
					48.5	-477.20	1015.93	-17.01-5.571e+04	2271.65-5.191e+04		
168	9 4.124e+04	1083.51	-9.81e-03	-1.25	0.0	-401.04	-4203.86	23.19-4.797e+04	-41.09 4.124e+04		

		-3.967e+04	-41.09	-1.60e-04		24.2	-401.04	-1552.99	23.19	-4.786e+04	521.21	-2.838e+04
						48.5	-401.04	1006.47	23.19	-4.784e+04	1083.51	-3.482e+04
168	12	3.247e+04	589.61	-7.45e-03	-0.95	0.0	-295.05	-3178.27	23.71	-3.595e+04	-560.56	3.247e+04
		-2.850e+04	-560.56	-1.43e-04		24.2	-295.05	-1168.08	23.71	-3.585e+04	14.52	-2.009e+04
						48.5	-295.05	772.73	23.71	-3.581e+04	589.61	-2.474e+04
168	19	4.520e+04	1.869e+04	-0.03	-1.06	0.0	413.33	-2785.60	-288.67	-4.204e+04	1.869e+04	4.520e+04
		-1.148e+04	4903.34	2.76e-04		24.2	413.33	-977.85	-288.67	-4.164e+04	1.180e+04	-4525.60
						48.5	413.33	858.17	-288.67	-4.132e+04	4903.34	-6896.15
168	22	1.626e+04	-2577.62	0.03	-0.86	0.0	-1060.36	-3645.53	311.85	-3.182e+04	-1.749e+04	1.626e+04
		-5.110e+04	-1.749e+04	-4.66e-04		24.2	-1060.36	-1403.81	311.85	-3.208e+04	-1.003e+04	-4.059e+04
						48.5	-1060.36	669.25	311.85	-3.239e+04	-2577.62	-4.830e+04
168	39	4.705e+04	-1.487e+04	-0.04	-1.12	0.0	278.95	-2678.27	-423.43	-4.895e+04	-1.487e+04	4.705e+04
		-1.933e+04	-3.510e+04	8.79e-04		24.2	278.95	-978.72	-423.43	-4.772e+04	-2.499e+04	-1.085e+04
						48.5	278.95	907.24	-423.43	-4.657e+04	-3.510e+04	-1.480e+04
168	40	2.072e+04	4.707e+04	0.03	-0.87	0.0	-559.32	-3575.65	334.69	-2.589e+04	3.106e+04	2.072e+04
		-3.244e+04	3.106e+04	-1.02e-03		24.2	-559.32	-1304.47	334.69	-2.700e+04	3.906e+04	-2.469e+04
						48.5	-559.32	654.08	334.69	-2.816e+04	4.707e+04	-2.928e+04
168	41	4.074e+04	-2.986e+04	-0.03	-1.09	0.0	-87.71	-2855.48	-311.51	-4.797e+04	-2.986e+04	4.074e+04
		-3.006e+04	-4.474e+04	8.27e-04		24.2	-87.71	-1077.19	-311.51	-4.671e+04	-3.730e+04	-2.043e+04
						48.5	-87.71	873.35	-311.51	-4.555e+04	-4.474e+04	2.591e+04
168	51	4.911e+04	2.358e+04	-0.04	-1.08	0.0	612.48	-2669.44	-369.86	-4.342e+04	2.358e+04	4.911e+04
		-6200.77	5911.33	3.76e-04		24.2	612.48	-920.31	-369.86	-4.293e+04	1.474e+04	347.90
						48.5	612.48	883.64	-369.86	-4.253e+04	5911.33	-1301.31
168	54	1.235e+04	-3585.62	0.04	-0.84	0.0	-1259.51	-3761.69	393.04	-3.044e+04	-2.238e+04	1.235e+04
		-5.647e+04	-2.238e+04	-5.67e-04		24.2	-1259.51	-1461.36	393.04	-3.078e+04	-1.298e+04	-4.546e+04
						48.5	-1259.51	643.79	393.04	-3.118e+04	-3585.62	-5.389e+04
168	71	5.146e+04	-1.906e+04	-0.05	-1.17	0.0	441.85	-2533.12	-541.10	-5.221e+04	-1.906e+04	5.146e+04
		-1.611e+04	-4.490e+04	1.14e-03		24.2	441.85	-921.43	-541.10	-5.065e+04	-3.198e+04	-7686.37
						48.5	441.85	946.05	-541.10	-4.919e+04	-4.490e+04	-1.133e+04
168	72	1.801e+04	5.947e+04	0.04	-0.85	0.0	-623.14	-3672.92	422.11	-2.290e+04	3.929e+04	1.801e+04
		-3.277e+04	3.929e+04	-1.27e-03		24.2	-623.14	-1335.15	422.11	-2.434e+04	4.938e+04	-2.527e+04
						48.5	-623.14	624.38	422.11	-2.582e+04	5.947e+04	-2.974e+04
168	73	4.344e+04	-3.809e+04	-0.04	-1.12	0.0	-23.89	-2758.21	-398.92	-5.095e+04	-3.809e+04	4.344e+04
		-2.974e+04	-5.715e+04	1.08e-03		24.2	-23.89	-1046.51	-398.92	-4.938e+04	-4.762e+04	-1.985e+04
						48.5	-23.89	903.05	-398.92	-4.789e+04	-5.715e+04	-2.545e+04
168	81	2.789e+04	1993.68	7.87e-03	-1.00	0.0	-357.34	-3459.10	-6.93	-4.083e+04	1993.68	2.789e+04
		-3.961e+04	1657.36	-4.13e-05		24.2	-357.34	-1307.05	-6.93	-4.081e+04	1825.52	-2.975e+04
						48.5	-357.34	771.69	-6.93	-4.086e+04	1657.36	-3.609e+04
168	82	2.793e+04	1892.01	7.92e-03	-1.01	0.0	-354.90	-3496.83	-6.60	-4.130e+04	1892.01	2.793e+04
		-4.036e+04	1571.69	-4.65e-05		24.2	-354.90	-1323.17	-6.60	-4.128e+04	1731.85	-3.036e+04
						48.5	-354.90	776.77	-6.60	-4.133e+04	1571.69	-3.684e+04
168	83	3.202e+04	779.59	-7.48e-03	-0.95	0.0	-304.13	-3186.66	20.19	-3.620e+04	-199.70	3.202e+04
		-2.918e+04	-199.70	-1.29e-04		24.2	-304.13	-1173.26	20.19	-3.611e+04	289.94	-2.070e+04
						48.5	-304.13	770.47	20.19	-3.608e+04	779.59	-2.544e+04
168	87	2.992e+04	1304.14	-7.63e-03	-0.97	0.0	-333.18	-3285.15	6.30	-3.804e+04	998.66	2.992e+04
		-3.364e+04	998.66	-7.98e-05		24.2	-333.18	-1224.04	6.30	-3.799e+04	1151.40	-2.461e+04
						48.5	-333.18	765.99	6.30	-3.800e+04	1304.14	-3.002e+04
168	88	3.196e+04	916.66	-7.41e-03	-0.93	0.0	-308.04	-3126.28	19.66	-3.544e+04	-37.03	3.196e+04
		-2.797e+04	-37.03	-1.20e-04		24.2	-308.04	-1147.47	19.66	-3.535e+04	439.82	-1.972e+04
						48.5	-308.04	762.33	19.66	-3.533e+04	916.66	-2.425e+04
168	91	3.194e+04	950.93	-7.39e-03	-0.93	0.0	-309.02	-3111.19	19.53	-3.525e+04	3.64	3.194e+04
		-2.767e+04	3.64	-1.18e-04		24.2	-309.02	-1141.03	19.53	-3.517e+04	477.28	-1.948e+04
						48.5	-309.02	760.30	19.53	-3.514e+04	950.93	-2.396e+04
168	92	3.073e+04	1162.86	-7.54e-03	-0.95	0.0	-323.52	-3215.56	11.59	-3.693e+04	600.65	3.073e+04
		-3.125e+04	600.65	-9.52e-05		24.2	-323.52	-1190.83	11.59	-3.686e+04	881.75	-2.256e+04
						48.5	-323.52	763.71	11.59	-3.685e+04	1162.86	-2.760e+04
169	3	5.376e+04	2980.37	0.01	-1.22	0.0	-44.23	-2971.68	-1.32	-5.823e+04	2980.37	5.376e+04
		1.274e+04	2916.45	-3.52e-05		24.2	-44.23	-371.85	-1.32	-5.805e+04	2948.41	1.378e+04
						48.5	-44.23	2144.50	-1.32	-5.796e+04	2916.45	3.505e+04
169	8	4.161e+04	2487.89	8.10e-03	-0.96	0.0	-31.33	-2350.30	-3.71	-4.618e+04	2487.89	4.161e+04
		9016.71	2308.05	-2.49e-05		24.2	-31.33	-304.02	-3.71	-4.604e+04	2397.97	9557.25
						48.5	-31.33	1677.10	-3.71	-4.598e+04	2308.05	2.634e+04
169	11	5.444e+04	1743.52	0.01	-1.22	0.0	-25.90	-2929.50	13.11	-5.727e+04	1107.61	5.444e+04
		1.433e+04	1107.61	-8.29e-05		24.2	-25.90	-346.10	13.11	-5.706e+04	1425.56	1.489e+04
						48.5	-25.90	2154.72	13.11	-5.694e+04	1743.52	3.699e+04
169	12	4.173e+04	-718.63	7.32e-03	-0.87	0.0	1.67	-2007.26	38.66	-3.867e+04	-2593.78	4.173e+04
		1.511e+04	-2593.78	-1.42e-04		24.2	1.67	-181.15	38.66	-3.848e+04	-1656.20	1.532e+04
						48.5	1.67	1586.02	38.66	-3.833e+04	-718.63	3.247e+04
169	15	4.840e+04	3.521e+04	-0.03	-0.98	0.0	616.72	-1655.00	-301.93	-4.347e+04	3.521e+04	4.840e+04
		2.502e+04	1.953e+04	2.25e-04		24.2	616.72	-27.70	-301.93	-4.302e+04	2.737e+04	2.502e+04
						48.5	616.72	1679.17	-301.93	-4.263e+04	1.953e+04	4.454e+04
169	18	3.385e+04	-1.870e+04	0.03	-0.78	0.0	-649.18	-2434.53	352.06	-3.560e+04	-3.680e+04	3.385e+04
		2241.68	-3.680e+04	-4.17e-04		24.2	-649.18	-381.04	352.06	-3.570e+04	-2.775e+04	2926.82
						48.5	-649.18	1473.21	352.06	-3.585e+04	-1.870e+04	1.691e+04
169	19	4.882e+04	3.497e+04	-0.03	-0.98	0.0	621.53	-1656.87	-322.86	-4.382e+04	3.497e+04	4.882e+04
		2.552e+04	1.856e+04	2.83e-04		24.2	621.53	-30.94	-322.86	-4.335e+04	2.677e+04	2.552e+04
						48.5	621.53	1687.20	-322.86	-4.294e+04	1.856e+04	4.520e+04

169	22	3.343e+04 -1.773e+04 1722.64 -3.656e+04	0.03 -4.75e-04	-0.78	0.0 24.2 48.5	-653.99 -653.99 -653.99	-2432.66 -377.80 1465.19	373.00 -3.525e+04 -3.656e+04 373.00 -3.537e+04 -2.715e+04 373.00 -3.554e+04 -1.773e+04	3.343e+04 2423.34 1.626e+04
169	39	5.710e+04 1.548e+04 2.716e+04 -1.463e+04	-0.05 9.24e-04	-1.03	0.0 24.2 48.5	450.82 450.82 450.82	-1641.47 -93.82 1808.52	-563.63 -4.972e+04 1.548e+04 -563.63 -4.851e+04 423.84 -563.63 -4.737e+04 -1.463e+04	5.710e+04 2.736e+04 4.705e+04
169	42	2.514e+04 1.547e+04 234.32 -1.708e+04	0.05 -1.12e-03	-0.76	0.0 24.2 48.5	-483.28 -483.28 -483.28	-2448.06 -314.92 1343.87	613.77 -2.935e+04 -1.708e+04 613.77 -3.021e+04 -805.54 613.77 -3.112e+04 1.547e+04	2.514e+04 588.09 1.441e+04
169	47	5.036e+04 4.494e+04 2.800e+04 2.470e+04	-0.04 3.12e-04	-1.01	0.0 24.2 48.5	787.79 787.79 787.79	-1549.67 20.05 1706.81	-390.33 -4.453e+04 4.494e+04 -390.33 -4.400e+04 3.482e+04 -390.33 -4.355e+04 2.470e+04	5.036e+04 2.800e+04 4.827e+04
169	50	3.189e+04 -2.386e+04 -941.21 -4.654e+04	0.04 -5.04e-04	-0.76	0.0 24.2 48.5	-820.24 -820.24 -820.24	-2539.86 -428.79 1445.58	440.47 -3.454e+04 -4.654e+04 440.47 -3.472e+04 -3.520e+04 440.47 -3.494e+04 -2.386e+04	3.189e+04 -56.74 1.318e+04
169	51	5.089e+04 4.464e+04 2.864e+04 2.347e+04	-0.04 3.86e-04	-1.01	0.0 24.2 48.5	793.92 793.92 793.92	-1552.05 15.94 1717.01	-416.95 -4.497e+04 4.464e+04 -416.95 -4.442e+04 3.405e+04 -416.95 -4.394e+04 2.347e+04	5.089e+04 2.864e+04 4.911e+04
169	54	3.136e+04 -2.263e+04 -1621.59 -4.624e+04	0.04 -5.78e-04	-0.76	0.0 24.2 48.5	-826.37 -826.37 -826.37	-2537.48 -424.68 1435.37	467.09 -3.410e+04 -4.624e+04 467.09 -3.430e+04 -3.444e+04 467.09 -3.455e+04 -2.263e+04	3.136e+04 -696.54 1.235e+04
169	71	6.142e+04 1.991e+04 3.079e+04 -1.870e+04	-0.06 1.20e-03	-1.08	0.0 24.2 48.5	577.15 577.15 577.15	-1532.47 -63.89 1871.26	-722.86 -5.247e+04 1.991e+04 -722.86 -5.098e+04 603.09 -722.86 -4.957e+04 -1.870e+04	6.142e+04 3.097e+04 5.146e+04
169	74	2.083e+04 1.953e+04 -3403.85 -2.150e+04	0.06 -1.39e-03	-0.73	0.0 24.2 48.5	-609.60 -609.60 -609.60	-2557.06 -344.85 1281.13	772.99 -2.660e+04 -2.150e+04 772.99 -2.774e+04 -984.79 772.99 -2.892e+04 1.953e+04	2.083e+04 -3029.21 9993.68
169	81	4.124e+04 1756.79 1.079e+04 1477.08	7.83e-03 -4.51e-05	-0.92	0.0 24.2 48.5	-29.32 -29.32 -29.32	-2221.52 -264.76 1629.00	5.77 -4.339e+04 1477.08 5.77 -4.324e+04 1616.93 5.77 -4.316e+04 1756.79	4.124e+04 1.122e+04 2.789e+04
169	82	4.150e+04 1652.90 1.069e+04 1340.50	7.88e-03 -5.01e-05	-0.93	0.0 24.2 48.5	-26.01 -26.01 -26.01	-2245.34 -269.12 1643.73	6.44 -4.389e+04 1340.50 6.44 -4.374e+04 1496.70 6.44 -4.366e+04 1652.90	4.150e+04 1.114e+04 2.794e+04
169	83	4.158e+04 -364.89 1.475e+04 -2047.27	7.36e-03 -1.28e-04	-0.87	0.0 24.2 48.5	-4.01 -4.01 -4.01	-2016.64 -187.20 1583.01	34.69 -3.889e+04 -2047.27 34.69 -3.870e+04 -1206.08 34.69 -3.857e+04 -364.89	4.158e+04 1.498e+04 3.202e+04
169	85	4.170e+04 974.83 1.184e+04 228.57	7.75e-03 -7.69e-05	-0.92	0.0 24.2 48.5	-17.10 -17.10 -17.10	-2193.40 -247.59 1635.82	15.39 -4.275e+04 228.57 15.39 -4.258e+04 601.70 15.39 -4.248e+04 974.83	4.170e+04 1.223e+04 2.919e+04
169	87	4.116e+04 799.85 1.286e+04 -148.53	7.55e-03 -8.15e-05	-0.89	0.0 24.2 48.5	-19.97 -19.97 -19.97	-2095.27 -221.62 1591.28	19.55 -4.064e+04 -148.53 19.55 -4.047e+04 325.66 19.55 -4.036e+04 799.85	4.116e+04 1.319e+04 2.992e+04
169	88	4.117e+04 -198.66 1.490e+04 -1828.76	7.29e-03 -1.20e-04	-0.86	0.0 24.2 48.5	-9.30 -9.30 -9.30	-1978.54 -180.23 1559.45	33.61 -3.808e+04 -1828.76 33.61 -3.790e+04 -1013.71 33.61 -3.777e+04 -198.66	4.117e+04 1.512e+04 3.196e+04
169	90	4.123e+04 375.51 1.366e+04 -853.40	7.45e-03 -9.81e-05	-0.88	0.0 24.2 48.5	-14.91 -14.91 -14.91	-2054.29 -206.11 1582.08	25.34 -3.974e+04 -853.40 25.34 -3.956e+04 -238.94 25.34 -3.944e+04 375.51	4.123e+04 1.394e+04 3.074e+04
169	91	4.107e+04 -157.10 1.494e+04 -1774.13	7.27e-03 -1.18e-04	-0.86	0.0 24.2 48.5	-10.62 -10.62 -10.62	-1969.01 -178.49 1553.56	33.34 -3.788e+04 -1774.13 33.34 -3.770e+04 -965.61 33.34 -3.757e+04 -157.10	4.107e+04 1.515e+04 3.194e+04
169	92	4.112e+04 417.07 1.370e+04 -798.77	7.44e-03 -9.61e-05	-0.88	0.0 24.2 48.5	-16.23 -16.23 -16.23	-2044.77 -204.37 1576.19	25.07 -3.953e+04 -798.77 25.07 -3.936e+04 -190.85 25.07 -3.924e+04 417.07	4.112e+04 1.397e+04 3.073e+04
170	3	5.375e+04 3196.99 1.485e+04 155.41	-0.01 -4.08e-05	-1.24	0.0 24.2 48.5	461.09 461.09 461.09	-2314.60 307.06 2851.97	62.71 -6.230e+04 155.41 62.71 -6.195e+04 1676.20 62.71 -6.170e+04 3196.99	3.948e+04 1.530e+04 5.375e+04
170	4	5.414e+04 2997.73 1.480e+04 -154.35	-0.01 -4.78e-05	-1.25	0.0 24.2 48.5	467.97 467.97 467.97	-2339.99 310.59 2883.90	64.99 -6.312e+04 -154.35 64.99 -6.276e+04 1421.69 64.99 -6.250e+04 2997.73	3.970e+04 1.525e+04 5.414e+04
170	5	4.097e+04 -1955.32 1.246e+04 -6169.24	6.87e-03 -1.21e-04	-0.85	0.0 24.2 48.5	322.80 322.80 322.80	-1498.00 284.55 2014.38	86.88 -4.034e+04 -6169.24 86.88 -4.004e+04 -4062.28 86.88 -3.981e+04 -1955.32	2.759e+04 1.298e+04 4.097e+04
170	8	4.161e+04 2653.30 1.120e+04 395.64	-7.81e-03 -2.96e-05	-0.97	0.0 24.2 48.5	363.50 363.50 363.50	-1828.85 233.96 2236.81	46.55 -4.935e+04 395.64 46.55 -4.908e+04 1524.47 46.55 -4.889e+04 2653.30	3.075e+04 1.153e+04 4.161e+04
170	9	5.426e+04 -2009.40 1.595e+04 -7338.75	9.27e-03 -1.54e-04	-1.16	0.0 24.2 48.5	441.05 441.05 441.05	-2059.90 368.24 2725.30	109.88 -5.573e+04 -7338.75 109.88 -5.534e+04 -4674.08 109.88 -5.503e+04 -2009.40	3.698e+04 1.661e+04 5.426e+04
170	11	5.444e+04 1356.11 1.511e+04 -2526.50	9.88e-03 -8.44e-05	-1.23	0.0 24.2 48.5	464.72 464.72 464.72	-2273.73 330.36 2858.66	80.05 -6.147e+04 -2526.50 80.05 -6.110e+04 -585.19 80.05 -6.083e+04 1356.11	3.903e+04 1.562e+04 5.444e+04
170	19	4.881e+04 4.961e+04 1.713e+04 3.518e+04	-0.04 2.79e-04	-1.00	0.0 24.2 48.5	874.66 874.66 874.66	-1233.65 409.49 2201.02	-310.34 -4.574e+04 4.961e+04 -310.34 -4.516e+04 4.239e+04 -310.34 -4.465e+04 3.518e+04	3.609e+04 1.792e+04 4.881e+04
170	22	3.343e+04 -3.636e+04 7166.72 -5.807e+04	0.04 -4.67e-04	-0.77	0.0 24.2	-208.89 -208.89	-1938.21 130.36	460.43 -3.966e+04 -5.807e+04 460.43 -3.966e+04 -4.721e+04	2.085e+04 7332.75

170	27	4.857e+04	5.005e+04	-0.04	-1.00	48.5	-208.89	1941.13	460.43	-3.972e+04	-3.636e+04	3.343e+04
		1.729e+04	3.406e+04	2.88e-04		0.0	868.24	-1255.57	-343.60	-4.536e+04	5.005e+04	3.569e+04
170	30	3.367e+04	-3.524e+04	0.04	-0.77	24.2	868.24	386.87	-343.60	-4.472e+04	4.206e+04	1.802e+04
		7015.60	-5.851e+04	-4.75e-04		48.5	868.24	2221.95	-343.60	-4.416e+04	3.406e+04	4.857e+04
170	39	5.710e+04	4.456e+04	-0.05	-1.04	0.0	-202.47	-1916.29	493.69	-4.004e+04	-5.851e+04	2.126e+04
		2.347e+04	1.594e+04	9.18e-04		24.2	-202.47	152.98	493.69	-4.011e+04	-4.688e+04	7230.88
170	46	2.522e+04	-1.678e+04	0.05	-0.76	48.5	-202.47	1920.20	493.69	-4.022e+04	-3.524e+04	3.367e+04
		798.37	-5.315e+04	-1.11e-03		0.0	657.90	-1267.97	-627.87	-4.976e+04	4.456e+04	4.276e+04
170	51	5.089e+04	6.417e+04	-0.05	-1.03	24.2	657.90	363.59	-627.87	-4.847e+04	3.025e+04	2.409e+04
		1.840e+04	4.485e+04	3.80e-04		48.5	657.90	2386.32	-627.87	-4.727e+04	1.594e+04	5.710e+04
170	54	3.136e+04	-4.603e+04	0.05	-0.75	0.0	9.80	-1897.31	787.94	-3.576e+04	-5.315e+04	1.431e+04
		5822.02	-7.263e+04	-5.67e-04		24.2	9.80	183.05	787.94	-3.649e+04	-3.496e+04	1131.12
170	59	5.059e+04	6.473e+04	-0.05	-1.03	48.5	9.80	1749.55	787.94	-3.726e+04	-1.678e+04	2.522e+04
		1.864e+04	4.344e+04	3.91e-04		0.0	1021.10	-1138.45	-414.56	-4.656e+04	6.417e+04	3.815e+04
170	62	3.166e+04	-4.462e+04	0.05	-0.75	24.2	1021.10	447.22	-414.56	-4.591e+04	5.451e+04	1.935e+04
		5627.00	-7.319e+04	-5.78e-04		48.5	1021.10	2235.92	-414.56	-4.532e+04	4.485e+04	5.089e+04
170	71	6.142e+04	5.777e+04	-0.06	-1.09	0.0	-355.33	-2033.41	564.66	-3.884e+04	-7.263e+04	1.879e+04
		2.652e+04	2.043e+04	1.19e-03		24.2	-355.33	92.63	564.66	-3.892e+04	-5.933e+04	5905.17
170	78	2.092e+04	-2.118e+04	0.06	-0.73	48.5	-355.33	1906.23	564.66	-3.906e+04	-4.603e+04	3.136e+04
		-2270.44	-6.639e+04	-1.38e-03		0.0	1012.97	-1166.29	-456.80	-4.607e+04	6.473e+04	3.763e+04
170	79	4.107e+04	-1550.52	6.96e-03	-0.86	24.2	1012.97	418.49	-456.80	-4.535e+04	5.408e+04	1.948e+04
		1.239e+04	-5603.68	-1.13e-04		48.5	1012.97	2262.60	-456.80	-4.469e+04	4.344e+04	5.059e+04
170	81	4.124e+04	1654.73	7.54e-03	-0.93	0.0	-347.20	-2005.57	606.90	-3.933e+04	-7.319e+04	1.931e+04
		1.160e+04	-1020.59	-4.76e-05		24.2	-347.20	121.36	606.90	-3.948e+04	-5.890e+04	5772.94
170	82	4.150e+04	1521.89	-7.58e-03	-0.94	48.5	-347.20	1879.55	606.90	-3.968e+04	-4.462e+04	3.166e+04
		1.156e+04	-1227.09	-5.23e-05		0.0	745.85	-1182.03	-817.98	-5.167e+04	5.777e+04	4.661e+04
170	83	4.158e+04	-1816.20	7.05e-03	-0.88	24.2	745.85	388.93	-817.98	-5.011e+04	3.910e+04	2.719e+04
		1.232e+04	-6016.70	-1.23e-04		48.5	745.85	2471.44	-817.98	-4.864e+04	2.043e+04	6.142e+04
170	85	4.170e+04	427.47	7.46e-03	-0.93	0.0	-77.64	-1981.48	980.75	-3.388e+04	-6.639e+04	1.049e+04
		1.176e+04	-2808.53	-7.67e-05		24.2	-77.64	159.54	980.75	-3.489e+04	-4.379e+04	-1975.16
170	86	4.107e+04	-1550.52	6.96e-03	-0.86	48.5	-77.64	1662.70	980.75	-3.593e+04	-2.118e+04	2.092e+04
		1.239e+04	-5603.68	-1.13e-04		0.0	326.12	-1524.84	83.57	-4.106e+04	-5603.68	2.789e+04
170	87	4.116e+04	52.10	7.25e-03	-0.90	24.2	326.12	280.75	83.57	-4.077e+04	-3577.10	1.291e+04
		1.200e+04	-3312.14	-8.05e-05		48.5	326.12	2032.97	83.57	-4.053e+04	-1550.52	4.107e+04
170	88	4.117e+04	-1603.66	6.97e-03	-0.87	0.0	348.66	-1728.48	55.16	-4.653e+04	-1020.59	2.984e+04
		1.238e+04	-5686.29	-1.15e-04		24.2	348.66	244.67	55.16	-4.626e+04	317.07	1.197e+04
170	90	4.122e+04	-642.08	7.15e-03	-0.89	48.5	348.66	2159.98	55.16	-4.605e+04	1654.73	4.124e+04
		1.214e+04	-4311.36	-9.56e-05		0.0	353.25	-1745.41	56.68	-4.707e+04	-1227.09	2.999e+04
170	91	4.107e+04	-1550.52	6.96e-03	-0.86	24.2	353.25	247.03	56.68	-4.679e+04	147.40	1.194e+04
		1.239e+04	-5603.68	-1.13e-04		48.5	353.25	2181.26	56.68	-4.659e+04	1521.89	4.150e+04
170	92	4.112e+04	-588.95	7.13e-03	-0.88	0.0	335.30	-1558.69	86.61	-4.215e+04	-6016.70	2.817e+04
		1.216e+04	-4228.75	-9.37e-05		24.2	335.30	285.46	86.61	-4.185e+04	-3916.45	1.284e+04
171	4	8.349e+04	-156.60	-1.85e-03	-1.30	48.5	335.30	2075.53	86.61	-4.161e+04	-1816.20	4.158e+04
		4.187e+04	-613.83	-4.91e-05		0.0	351.08	-1701.24	66.72	-4.597e+04	-2808.53	2.954e+04
171	5	5.256e+04	5966.24	-1.44e-03	-0.89	24.2	351.08	260.20	66.72	-4.569e+04	-1190.53	1.219e+04
		2.550e+04	5796.65	-1.10e-04		48.5	351.08	2164.44	66.72	-4.547e+04	427.47	4.170e+04
171	7	6.441e+04	-949.13	-1.39e-03	-1.00	0.0	326.12	-1524.84	83.57	-4.106e+04	-5603.68	2.789e+04
		3.232e+04	-1284.35	-2.53e-05		24.2	326.12	280.75	83.57	-4.077e+04	-3577.10	1.291e+04
171	9	7.258e+04	7070.15	-1.93e-03	-1.21	48.5	326.12	2032.97	83.57	-4.053e+04	-1550.52	4.107e+04
		3.559e+04	6722.45	-1.40e-04		0.0	332.88	-1585.93	75.05	-4.270e+04	-4228.75	2.847e+04
171	27	6.159e+04	-2.842e+04	-0.03	-1.04	24.2	332.88	269.93	75.05	-4.241e+04	-2408.85	1.263e+04
						48.5	332.88	2071.08	75.05	-4.219e+04	-588.95	4.112e+04
						0.0	624.22	-2329.46	-9.43	3.477e+04	-156.60	6.634e+04
						24.2	624.22	356.00	-9.43	3.218e+04	-385.22	4.244e+04
						48.5	624.22	3027.32	-9.43	2.963e+04	-613.83	8.349e+04
						0.0	348.84	-1599.43	-3.50	2.423e+04	5966.24	4.265e+04
						24.2	348.84	206.13	-3.50	2.247e+04	5881.45	2.578e+04
						48.5	348.84	2000.64	-3.50	2.073e+04	5796.65	5.256e+04
						0.0	488.85	-1782.44	-6.91	2.675e+04	-949.13	5.099e+04
						24.2	488.85	278.41	-6.91	2.475e+04	-1116.74	3.277e+04
						48.5	488.85	2328.63	-6.91	2.279e+04	-1284.35	6.441e+04
						0.0	487.72	-2173.98	-7.17	3.243e+04	7070.15	5.887e+04
						24.2	487.72	285.30	-7.17	3.005e+04	6896.30	3.599e+04
						48.5	487.72	2729.80	-7.17	2.771e+04	6722.45	7.258e+04
						0.0	814.11	-1399.77	453.79	1.814e+04	-5.034e+04	4.677e+04

			2.947e+04	-5.034e+04	1.65e-04			24.2	814.11	365.91	453.79	1.678e+04	-3.938e+04	2.990e+04
								48.5	814.11	2341.95	453.79	1.543e+04	-2.842e+04	6.159e+04
171	30	5.035e+04	5.837e+04	0.03	-0.81			0.0	-36.77	-1906.77	-462.42	3.183e+04	5.837e+04	4.335e+04
		2.543e+04	3.603e+04	-3.38e-04				24.2	-36.77	87.58	-462.42	2.953e+04	4.720e+04	2.567e+04
								48.5	-36.77	1849.68	-462.42	2.728e+04	3.603e+04	5.035e+04
171	39	6.500e+04	-3.350e+04	-0.04	-1.06			0.0	1084.14	-1140.32	241.59	1.184e+04	-4.511e+04	4.919e+04
		3.160e+04	-4.511e+04	8.01e-04				24.2	1084.14	487.66	241.59	1.033e+04	-3.930e+04	3.299e+04
								48.5	1084.14	2211.98	241.59	8830.07	-3.350e+04	6.500e+04
171	43	6.481e+04	-3.374e+04	-0.04	-1.06			0.0	1094.48	-1132.70	239.69	1.200e+04	-4.525e+04	4.908e+04
		3.157e+04	-4.525e+04	8.42e-04				24.2	1094.48	481.13	239.69	1.049e+04	-3.950e+04	3.301e+04
								48.5	1094.48	2205.35	239.69	8981.45	-3.374e+04	6.481e+04
171	46	4.712e+04	5.328e+04	0.04	-0.80			0.0	-317.14	-2173.84	-248.32	3.798e+04	5.328e+04	4.104e+04
		2.255e+04	4.135e+04	-1.01e-03				24.2	-317.14	-27.64	-248.32	3.582e+04	4.732e+04	2.255e+04
								48.5	-317.14	1986.28	-248.32	3.373e+04	4.135e+04	4.712e+04
171	59	6.310e+04	-3.714e+04	-0.04	-1.07			0.0	929.17	-1331.29	577.66	1.629e+04	-6.504e+04	4.723e+04
		3.002e+04	-6.504e+04	2.33e-04				24.2	929.17	403.52	577.66	1.506e+04	-5.109e+04	3.047e+04
								48.5	929.17	2408.45	577.66	1.384e+04	-3.714e+04	6.310e+04
171	62	4.883e+04	7.307e+04	0.04	-0.78			0.0	-151.83	-1975.26	-586.29	3.368e+04	7.307e+04	4.289e+04
		2.488e+04	4.475e+04	-4.06e-04				24.2	-151.83	49.97	-586.29	3.125e+04	5.891e+04	2.509e+04
								48.5	-151.83	1783.18	-586.29	2.887e+04	4.475e+04	4.883e+04
171	71	6.744e+04	-4.360e+04	-0.05	-1.10			0.0	1272.24	-1001.71	308.18	8285.19	-5.840e+04	5.031e+04
		3.262e+04	-5.840e+04	1.04e-03				24.2	1272.24	558.17	308.18	6861.86	-5.100e+04	3.440e+04
								48.5	1272.24	2243.43	308.18	5446.09	-4.360e+04	6.744e+04
171	75	6.721e+04	-4.391e+04	-0.05	-1.10			0.0	1285.37	-992.04	305.77	8491.56	-5.859e+04	5.017e+04
		3.257e+04	-5.859e+04	1.09e-03				24.2	1285.37	549.89	305.77	7062.29	-5.125e+04	3.443e+04
								48.5	1285.37	2235.00	305.77	5638.28	-4.391e+04	6.721e+04
171	78	4.473e+04	6.662e+04	0.05	-0.77			0.0	-508.03	-2314.51	-314.40	4.148e+04	6.662e+04	3.995e+04
		2.114e+04	5.152e+04	-1.27e-03				24.2	-508.03	-96.40	-314.40	3.925e+04	5.907e+04	2.114e+04

172	42	4.694e+04	4.210e+04	0.03	-0.81	0.0	-361.19	-2565.33	-206.65	2.762e+04	4.210e+04	4.694e+04
		9781.16	3.222e+04	-8.86e-04		24.2	-361.19	-480.80	-206.65	2.556e+04	3.716e+04	1.119e+04
						48.5	-361.19	1474.04	-206.65	2.354e+04	3.222e+04	2.337e+04
172	43	7.305e+04	-1.984e+04	-0.03	-1.03	0.0	848.02	-1439.55	274.37	5566.72	-3.298e+04	6.482e+04
		4.802e+04	-3.298e+04	7.74e-04		24.2	848.02	173.72	274.37	4080.18	-2.641e+04	4.822e+04
						48.5	848.02	1889.25	274.37	2594.67	-1.984e+04	7.305e+04
172	46	4.712e+04	4.236e+04	0.03	-0.81	0.0	-370.31	-2572.58	-206.17	2.740e+04	4.236e+04	4.712e+04
		1.003e+04	3.252e+04	-9.27e-04		24.2	-370.31	-480.15	-206.17	2.535e+04	3.744e+04	1.142e+04
						48.5	-370.31	1480.22	-206.17	2.334e+04	3.252e+04	2.379e+04
172	71	8.024e+04	-2.655e+04	-0.04	-1.06	0.0	1001.19	-1295.67	340.03	2340.34	-4.285e+04	6.744e+04
		5.300e+04	-4.285e+04	9.52e-04		24.2	1001.19	262.92	340.03	936.78	-3.470e+04	5.348e+04
						48.5	1001.19	1952.39	340.03	-467.17	-2.655e+04	8.024e+04
172	74	4.450e+04	5.223e+04	0.04	-0.78	0.0	-523.48	-2716.45	-271.82	3.063e+04	5.223e+04	4.450e+04
		4237.71	3.923e+04	-1.10e-03		24.2	-523.48	-569.35	-271.82	2.849e+04	4.573e+04	6155.65
						48.5	-523.48	1417.08	-271.82	2.640e+04	3.923e+04	1.660e+04
172	75	7.971e+04	-2.692e+04	-0.04	-1.06	0.0	1012.78	-1286.47	339.43	2616.56	-4.318e+04	6.721e+04
		5.273e+04	-4.318e+04	1.00e-03		24.2	1012.78	262.09	339.43	1206.68	-3.505e+04	5.319e+04
						48.5	1012.78	1944.56	339.43	-207.56	-2.692e+04	7.971e+04
172	78	4.473e+04	5.255e+04	0.04	-0.78	0.0	-535.07	-2725.66	-271.22	3.035e+04	5.255e+04	4.473e+04
		4554.97	3.960e+04	-1.16e-03		24.2	-535.07	-568.52	-271.22	2.822e+04	4.608e+04	6440.40
						48.5	-535.07	1424.91	-271.22	2.614e+04	3.960e+04	1.713e+04
172	79	5.360e+04	7622.79	1.93e-03	-0.89	0.0	207.59	-1955.47	31.99	1.618e+04	6071.09	5.360e+04
		2.793e+04	6071.09	-9.02e-05		24.2	207.59	-153.67	31.99	1.446e+04	6846.94	2.806e+04
						48.5	207.59	1633.33	31.99	1.275e+04	7622.79	4.603e+04
172	81	6.150e+04	3348.48	1.97e-03	-0.96	0.0	311.81	-2124.11	39.03	1.719e+04	1455.65	6.150e+04
		3.384e+04	1455.65	-4.38e-05		24.2	311.81	-152.14	39.03	1.531e+04	2402.07	3.393e+04
						48.5	311.81	1804.67	39.03	1.346e+04	3348.48	5.400e+04
172	82	6.212e+04	3496.45	2.00e-03	-0.97	0.0	310.53	-2146.23	38.42	1.724e+04	1632.99	6.212e+04
		3.415e+04	1632.99	-4.77e-05		24.2	310.53	-155.20	38.42	1.535e+04	2564.72	3.425e+04
						48.5	310.53	1820.48	38.42	1.349e+04	3496.45	5.447e+04
172	83	5.485e+04	7918.74	1.98e-03	-0.91	0.0	205.02	-1999.71	30.78	1.629e+04	6425.78	5.485e+04
		2.855e+04	6425.78	-9.80e-05		24.2	205.02	-159.79	30.78	1.454e+04	7172.26	2.869e+04
						48.5	205.02	1664.96	30.78	1.281e+04	7918.74	4.697e+04
172	86	5.360e+04	7622.79	1.93e-03	-0.89	0.0	207.59	-1955.47	31.99	1.618e+04	6071.09	5.360e+04
		2.793e+04	6071.09	-9.02e-05		24.2	207.59	-153.67	31.99	1.446e+04	6846.94	2.806e+04
						48.5	207.59	1633.33	31.99	1.275e+04	7622.79	4.603e+04
172	87	5.755e+04	5485.64	1.95e-03	-0.93	0.0	259.70	-2039.79	35.51	1.669e+04	3763.37	5.755e+04
		3.088e+04	3763.37	-6.70e-05		24.2	259.70	-152.91	35.51	1.489e+04	4624.50	3.099e+04
						48.5	259.70	1719.00	35.51	1.311e+04	5485.64	5.001e+04
172	88	5.385e+04	7681.98	1.94e-03	-0.89	0.0	207.08	-1964.32	31.75	1.621e+04	6142.03	5.385e+04
		2.805e+04	6142.03	-9.18e-05		24.2	207.08	-154.90	31.75	1.448e+04	6912.01	2.818e+04
						48.5	207.08	1639.66	31.75	1.277e+04	7681.98	4.622e+04
172	91	5.360e+04	7622.79	1.93e-03	-0.89	0.0	207.59	-1955.47	31.99	1.618e+04	6071.09	5.360e+04
		2.793e+04	6071.09	-9.02e-05		24.2	207.59	-153.67	31.99	1.446e+04	6846.94	2.806e+04
						48.5	207.59	1633.33	31.99	1.275e+04	7622.79	4.603e+04
172	92	5.597e+04	6340.50	1.94e-03	-0.91	0.0	238.86	-2006.06	34.10	1.649e+04	4686.46	5.597e+04
		2.970e+04	4686.46	-7.63e-05		24.2	238.86	-153.21	34.10	1.471e+04	5513.48	2.982e+04
						48.5	238.86	1684.73	34.10	1.297e+04	6340.50	4.842e+04
173	3	7.282e+04	5294.82	-3.13e-03	-1.39	0.0	265.36	-4393.79	38.62	1.158e+04	3421.82	7.282e+04
		-8321.82	3421.82	-3.55e-05		24.2	265.36	-1509.78	38.62	8887.86	4358.32	1295.98
						48.5	265.36	1347.53	38.62	6206.78	5294.82	-617.21
173	4	7.353e+04	5459.12	-3.17e-03	-1.40	0.0	258.49	-4442.88	37.35	1.157e+04	3647.53	7.353e+04
		-8554.20	3647.53	-4.08e-05		24.2	258.49	-1527.93	37.35	8853.00	4553.33	1190.58
						48.5	258.49	1359.97	37.35	6152.43	5459.12	-791.15
173	7	5.695e+04	3552.84	-2.41e-03	-1.08	0.0	219.66	-3409.02	30.81	8917.11	2058.55	5.695e+04
		-6003.56	2058.55	-2.23e-05		24.2	219.66	-1171.10	30.81	6829.13	2805.69	1453.90
						48.5	219.66	1046.21	30.81	4751.95	3552.84	-18.61
173	9	6.229e+04	1.121e+04	-3.02e-03	-1.30	0.0	79.31	-4068.79	20.08	1.099e+04	1.024e+04	6.229e+04
		-1.300e+04	1.024e+04	-1.02e-04		24.2	79.31	-1403.33	20.08	8501.09	1.073e+04	-4009.41
						48.5	79.31	1236.33	20.08	6023.69	1.121e+04	-5982.35
173	12	4.641e+04	9470.03	-2.31e-03	-0.98	0.0	33.61	-3084.02	12.27	8326.06	8874.93	4.641e+04
		-1.068e+04	8874.93	-8.88e-05		24.2	33.61	-1064.65	12.27	6442.36	9172.48	-3851.49
						48.5	33.61	935.01	12.27	4568.86	9470.03	-5383.74
173	39	7.346e+04	-6272.26	-0.03	-1.09	0.0	604.33	-2576.52	262.80	-1531.78	-1.921e+04	7.346e+04
		2.706e+04	-1.921e+04	6.91e-04		24.2	604.33	-744.74	262.80	-3163.74	-1.274e+04	3.083e+04
						48.5	604.33	1149.84	262.80	-4803.24	-6272.26	3.515e+04
173	43	7.305e+04	-6470.56	-0.03	-1.09	0.0	612.37	-2570.10	263.86	-1295.08	-1.952e+04	7.305e+04
		2.762e+04	-1.952e+04	7.32e-04		24.2	612.37	-738.73	263.86	-2938.14	-1.299e+04	3.124e+04
						48.5	612.37	1144.64	263.86	-4603.73	-6470.56	3.566e+04
173	46	2.379e+04	3.281e+04	0.03	-0.90	0.0	-421.36	-3648.25	-224.93	1.837e+04	3.281e+04	2.379e+04
		-4.640e+04	2.165e+04	-8.57e-04		24.2	-421.36	-1401.31	-224.93	1.618e+04	2.723e+04	-3.567e+04
						48.5	-421.36	754.66	-224.93	1.403e+04	2.165e+04	-4.293e+04
173	71	8.023e+04	-1.002e+04	-0.03	-1.12	0.0	741.94	-2432.57	328.65	-4252.84	-2.621e+04	8.023e+04
		3.667e+04	-2.621e+04	8.95e-04		24.2	741.94	-656.81	328.65	-5807.80	-1.812e+04	3.976e+04
						48.5	741.94	1203.99	328.65	-7375.17	-1.002e+04	4.563e+04
173	75	7.971e+04	-1.028e+04	-0.03	-1.12	0.0	752.18	-2424.41	330.01	-3952.11	-2.660e+04	7.971e+04
		3.738e+04	-2.660e+04	9.46e-04		24.2	752.18	-649.18	330.01	-5521.16	-1.844e+04	4.028e+04

173	78	1.713e+04	3.989e+04	0.03	-0.88	48.5	752.18	1197.38	330.01	-7121.65	-1.028e+04	4.628e+04
		-5.656e+04	2.545e+04	-1.07e-03		0.0	-561.16	-3793.94	-291.08	2.103e+04	3.989e+04	1.713e+04
						24.2	-561.16	-1490.86	-291.08	1.876e+04	3.267e+04	-4.471e+04
173	81	5.400e+04	4980.72	-2.37e-03	-1.05	48.5	-561.16	701.92	-291.08	1.655e+04	2.545e+04	-5.355e+04
		-7082.78	3674.21	-3.64e-05		0.0	175.92	-3306.66	26.94	8799.42	3674.21	5.400e+04
						24.2	175.92	-1136.64	26.94	6769.14	4327.47	161.91
173	82	5.447e+04	5090.26	-2.40e-03	-1.06	48.5	175.92	1013.15	26.94	4749.57	4980.72	-1294.44
		-7237.69	3824.68	-4.00e-05		0.0	171.34	-3339.39	26.09	8789.14	3824.68	5.447e+04
						24.2	171.34	-1148.73	26.09	6745.90	4457.47	91.65
173	83	4.697e+04	8925.51	-2.30e-03	-0.99	48.5	171.34	1021.44	26.09	4713.34	5090.26	-1410.40
		-1.020e+04	8218.47	-8.08e-05		0.0	51.88	-3090.00	14.58	8405.38	8218.47	4.697e+04
						24.2	51.88	-1065.67	14.58	6511.30	8571.99	-3375.01
173	87	5.001e+04	6843.59	-2.31e-03	-1.01	48.5	51.88	939.01	14.58	4627.51	8925.51	-4871.19
		-8486.35	5795.87	-5.51e-05		0.0	118.48	-3165.60	21.60	8612.68	5795.87	5.001e+04
						24.2	118.48	-1089.05	21.60	6663.46	6319.73	-1536.28
173	88	4.622e+04	8750.26	-2.26e-03	-0.97	48.5	118.48	967.79	21.60	4724.78	6843.59	-2966.85
		-9951.89	7977.72	-7.51e-05		0.0	59.21	-3037.63	15.93	8421.83	7977.72	4.622e+04
						24.2	59.21	-1046.31	15.93	6548.48	8363.99	-3262.59
173	91	4.603e+04	8706.45	-2.25e-03	-0.97	48.5	59.21	925.75	15.93	4685.49	8750.26	-4685.65
		-9889.92	7917.53	-7.37e-05		0.0	61.04	-3024.54	16.27	8425.94	7917.53	4.603e+04
						24.2	61.04	-1041.47	16.27	6557.77	8311.99	-3234.48
173	92	4.842e+04	7588.73	-2.28e-03	-0.99	48.5	61.04	922.43	16.27	4699.98	8706.45	-4639.27
		-9047.78	6644.53	-6.25e-05		0.0	95.51	-3109.18	19.47	8537.99	6644.53	4.842e+04
						24.2	95.51	-1070.02	19.47	6621.18	7116.63	-2215.56
174	4	-791.04	5982.42	2.64e-03	-1.47	48.5	95.51	949.65	19.47	4714.86	7588.73	-3635.82
		-1.605e+05	5842.07	-2.92e-05		0.0	-335.02	-6352.77	2.89	342.23	5842.07	-791.04
						24.2	-335.02	-3288.97	2.89	-2525.11	5912.24	-1.176e+05
174	7	-18.53	4092.55	2.02e-03	-1.13	48.5	-335.02	-249.40	2.89	-5396.70	5982.42	-1.605e+05
		-1.227e+05	3845.85	-1.47e-05		0.0	-232.10	-4878.83	5.09	293.75	3845.85	-18.53
						24.2	-232.10	-2526.29	5.09	-1911.66	3969.20	-8.976e+04
174	9	-5982.24	1.157e+04	-2.47e-03	-1.36	48.5	-232.10	-192.24	5.09	-4120.29	4092.55	-1.227e+05
		-1.508e+05	1.067e+04	-7.80e-05		0.0	-485.88	-5783.52	-18.67	632.32	1.157e+04	-5982.24
						24.2	-485.88	-2982.18	-18.67	-1997.48	1.112e+04	-1.122e+05
174	20	-1.316e+04	2.836e+04	-0.02	-1.11	48.5	-485.88	-203.52	-18.67	-4630.64	1.067e+04	-1.508e+05
		-1.157e+05	2.202e+04	-6.81e-04		0.0	-169.23	-4055.42	133.66	1728.51	2.202e+04	-1.316e+04
						24.2	-169.23	-2076.59	133.66	139.92	2.519e+04	-8.926e+04
174	21	5891.88	-6300.45	0.02	-0.96	48.5	-169.23	-161.30	133.66	-1498.98	2.836e+04	-1.157e+05
		-1.133e+05	-1.352e+04	5.88e-04		0.0	-491.59	-4797.72	-151.82	-541.37	-6300.45	5891.88
						24.2	-491.59	-2489.19	-151.82	-2999.66	-9910.66	-8.064e+04
174	43	3.566e+04	5002.56	-0.02	-1.12	48.5	-491.59	-151.48	-151.82	-5412.45	-1.352e+04	-1.133e+05
		-7.253e+04	-6109.32	1.36e-03		0.0	152.93	-4208.41	230.88	-8624.71	-6109.32	3.566e+04
						24.2	152.93	-2207.33	230.88	-1.046e+04	-553.38	-4.265e+04
174	46	-4.293e+04	2.183e+04	0.02	-0.97	48.5	152.93	-64.78	230.88	-1.242e+04	5002.56	-7.253e+04
		-1.565e+05	9839.67	-1.45e-03		0.0	-813.76	-4644.72	-249.04	9811.84	2.183e+04	-4.293e+04
						24.2	-813.76	-2358.45	-249.04	7598.11	1.584e+04	-1.272e+05
174	52	-1.573e+04	3.402e+04	-0.02	-1.13	48.5	-813.76	-248.01	-249.04	5505.58	9839.67	-1.565e+05
		-1.161e+05	2.585e+04	-8.52e-04		0.0	-125.67	-3955.18	172.22	2035.48	2.585e+04	-1.573e+04
						24.2	-125.67	-2020.85	172.22	564.47	2.993e+04	-9.042e+04
174	53	8459.95	-1.012e+04	0.02	-0.94	48.5	-125.67	-162.62	172.22	-969.73	3.402e+04	-1.161e+05
		-1.129e+05	-1.918e+04	7.60e-04		0.0	-535.16	-4897.96	-190.37	-848.35	-1.012e+04	8459.95
						24.2	-535.16	-2544.92	-190.37	-3424.21	-1.465e+04	-7.948e+04
174	75	4.628e+04	4348.43	-0.02	-1.14	48.5	-535.16	-150.17	-190.37	-5941.70	-1.918e+04	-1.129e+05
		-6.119e+04	-9890.25	1.74e-03		0.0	283.66	-4149.49	295.82	-1.112e+04	-9890.25	4.628e+04
						24.2	283.66	-2186.96	295.82	-1.290e+04	-2770.91	-3.122e+04
174	78	-5.355e+04	2.561e+04	0.02	-0.95	48.5	283.66	-40.02	295.82	-1.484e+04	4348.43	-6.119e+04
		-1.678e+05	1.049e+04	-1.83e-03		0.0	-944.49	-4703.64	-313.97	1.230e+04	2.561e+04	-5.355e+04
						24.2	-944.49	-2378.81	-313.97	1.004e+04	1.805e+04	-1.387e+05
174	81	-1294.36	5275.85	-1.97e-03	-1.10	48.5	-944.49	-272.76	-313.97	7927.12	1.049e+04	-1.678e+05
		-1.199e+05	5266.83	-2.58e-05		0.0	-267.27	-4724.16	0.19	406.29	5266.83	-1294.36
						24.2	-267.27	-2442.99	0.19	-1737.74	5271.34	-8.815e+04
174	82	-1410.32	5379.32	-1.99e-03	-1.11	48.5	-267.27	-179.88	0.19	-3884.70	5275.85	-1.199e+05
		-1.212e+05	5333.04	-2.91e-05		0.0	-277.63	-4769.79	-0.95	332.15	5379.32	-1410.32
						24.2	-277.63	-2467.18	-0.95	-1825.80	5356.18	-8.912e+04
174	83	-4871.12	9198.29	-1.88e-03	-1.03	48.5	-277.63	-182.84	-0.95	-3986.83	5333.04	-1.212e+05
		-1.148e+05	8454.90	-6.17e-05		0.0	-378.21	-4390.29	-15.33	525.54	9198.29	-4871.12
						24.2	-378.21	-2262.65	-15.33	-1474.05	8826.60	-8.550e+04
174	87	-2966.79	7120.07	-1.90e-03	-1.06	48.5	-378.21	-152.25	-15.33	-3476.12	8454.90	-1.148e+05
		-1.160e+05	6808.18	-4.04e-05		0.0	-312.37	-4511.59	-6.43	540.06	7120.07	-2966.79
						24.2	-312.37	-2328.63	-6.43	-1517.83	6964.12	-8.586e+04
174	88	-4685.59	9018.30	-1.84e-03	-1.02	48.5	-312.37	-163.10	-6.43	-3578.28	6808.18	-1.160e+05
		-1.127e+05	8363.39	-5.64e-05		0.0	-361.62	-4317.28	-13.50	644.17	9018.30	-4685.59
						24.2	-361.62	-2223.95	-13.50	-1333.15	8690.84	-8.396e+04
174	91	-4639.21	8973.30	-1.83e-03	-1.01	48.5	-361.62	-147.51	-13.50	-3312.72	8363.39	-1.127e+05
		-1.122e+05	8340.51	-5.50e-05		0.0	-357.48	-4299.03	-13.05	673.83	8973.30	-4639.21
						24.2	-357.48	-2214.27	-13.05	-1297.93	8656.91	-8.357e+04
174	92	-3635.76	7861.36	-1.87e-03	-1.04	48.5	-357.48	-146.33	-13.05	-3271.86	8340.51	-1.122e+05
						0.0	-330.41	-4426.57	-9.08	593.57	7861.36	-3635.76

		-1.145e+05	7421.11	-4.63e-05		24.2	-330.41	-2282.89	-9.08	-1429.87	7641.24	-8.495e+04
						48.5	-330.41	-156.39	-9.08	-3455.71	7421.11	-1.145e+05
175	4	-1.605e+05	6552.12	8.29e-04	-1.48	0.0	-1991.96	-6440.11	-27.12	-1.033e+04	6552.12	-1.605e+05
		-3.237e+05	4897.73	-1.83e-05		30.5	-1991.96	-2566.31	-27.12	-1.402e+04	5724.93	-2.978e+05
						61.0	-1991.96	1312.46	-27.12	-1.775e+04	4897.73	-3.170e+05
175	5	-1.111e+05	9080.92	5.65e-04	-1.01	0.0	-1471.95	-4285.75	-42.36	-6570.57	9080.92	-1.111e+05
		-2.187e+05	6496.68	-4.74e-05		30.5	-1471.95	-1683.71	-42.36	-9076.30	7788.80	-2.021e+05
						61.0	-1471.95	921.78	-42.36	-1.161e+04	6496.68	-2.137e+05
175	8	-1.246e+05	4621.28	6.46e-04	-1.15	0.0	-1538.16	-5016.57	-19.19	-8105.88	4621.28	-1.246e+05
		-2.518e+05	3450.61	-1.19e-05		30.5	-1538.16	-2001.35	-19.19	-1.097e+04	4035.94	-2.316e+05
						61.0	-1538.16	1017.75	-19.19	-1.387e+04	3450.61	-2.467e+05
175	9	-1.508e+05	1.120e+04	7.65e-04	-1.36	0.0	-1995.39	-5846.60	-54.33	-9195.44	1.120e+04	-1.508e+05
		-2.979e+05	7883.40	-6.59e-05		30.5	-1995.39	-2305.07	-54.33	-1.258e+04	9540.55	-2.751e+05
						61.0	-1995.39	1241.00	-54.33	-1.600e+04	7883.40	-2.914e+05
175	11	-1.589e+05	8010.87	8.16e-04	-1.46	0.0	-2017.36	-6310.12	-36.70	-1.013e+04	8010.87	-1.589e+05
		-3.185e+05	5772.29	-3.68e-05		30.5	-2017.36	-2507.68	-36.70	-1.375e+04	6891.58	-2.934e+05
						61.0	-2017.36	1299.60	-36.70	-1.741e+04	5772.29	-3.119e+05
175	23	-9.156e+04	3.190e+04	-0.02	-1.14	0.0	-1026.12	-3983.20	126.08	-1.043e+04	2.432e+04	-9.156e+04
		-2.051e+05	2.432e+04	6.93e-05		30.5	-1026.12	-1493.95	126.08	-1.351e+04	2.811e+04	-1.845e+05
						61.0	-1026.12	1261.38	126.08	-1.672e+04	3.120e+04	-1.508e+05
175	26	-1.374e+05	-8668.11	0.02	-0.95	0.0	-1940.96	-4973.01	-196.58	-3462.07	-8668.11	-1.374e+05
		-2.499e+05	-2.055e+04	-1.41e-04		30.5	-1940.96	-2041.28	-196.58	-5593.62	-1.461e+04	-2.349e+05
						61.0	-1940.96	631.47	-196.58	-7646.60	-2.055e+04	-2.421e+05
175	27	-9.004e+04	3.180e+04	-0.02	-1.14	0.0	-1015.95	-3957.94	134.61	-1.039e+04	2.368e+04	-9.004e+04
		-2.049e+05	2.368e+04	4.35e-05		30.5	-1015.95	-1469.21	134.61	-1.347e+04	2.774e+04	-1.838e+05
						61.0	-1015.95	1285.57	134.61	-1.667e+04	3.180e+04	-2.025e+05
175	30	-1.390e+05	-8030.80	0.02	-0.95	0.0	-1951.12	-4998.28	-205.11	-3502.94	-8030.80	-1.390e+05
		-2.502e+05	-2.045e+04	-1.15e-04		30.5	-1951.12	-2066.02	-205.11	-5634.42	-1.424e+04	-2.357e+05
						61.0	-1951.12	607.29	-205.11	-7687.45	-2.045e+04	-2.421e+05
175	43	-7.253e+04	1.692e+04	-0.01	-1.10	0.0	-1093.01	-3822.74	184.69	-1.603e+04	5605.88	-7.253e+04
		-2.156e+05	5605.88	3.44e-04		30.5	-1093.01	-1121.38	184.69	-1.867e+04	1.126e+04	-1.835e+05
						61.0	-1093.01	1630.27	184.69	-2.139e+04	1.692e+04	-2.149e+05
175	55	-8.537e+04	3.900e+04	-0.03	-1.17	0.0	-902.43	-3849.52	169.70	-1.137e+04	2.878e+04	-8.537e+04
		-1.993e+05	2.878e+04	9.77e-05		30.5	-902.43	-1420.01	169.70	-1.458e+04	3.389e+04	-1.777e+05
						61.0	-902.43	1346.48	169.70	-1.794e+04	3.900e+04	-1.972e+05
175	58	-1.436e+05	-1.313e+04	0.03	-0.92	0.0	-2064.64	-5106.69	-240.19	-2520.83	-1.313e+04	-1.436e+05
		-2.560e+05	-2.764e+04	-1.69e-04		30.5	-2064.64	-2115.22	-240.19	-4524.43	-2.039e+04	-2.417e+05
						61.0	-2064.64	546.38	-240.19	-6421.30	-2.764e+04	-2.474e+05
175	59	-8.343e+04	3.886e+04	-0.03	-1.17	0.0	-889.51	-3817.42	180.55	-1.132e+04	2.797e+04	-8.343e+04
		-1.990e+05	2.797e+04	6.50e-05		30.5	-889.51	-1388.57	180.55	-1.452e+04	3.342e+04	-1.768e+05
						61.0	-889.51	1377.21	180.55	-1.789e+04	3.886e+04	-1.971e+05
175	62	-1.456e+05	-1.232e+04	0.03	-0.92	0.0	-2077.57	-5138.80	-251.05	-2572.73	-1.232e+04	-1.456e+05
		-2.565e+05	-2.751e+04	-1.36e-04		30.5	-2077.57	-2146.65	-251.05	-4576.25	-1.991e+04	-2.427e+05
						61.0	-2077.57	515.65	-251.05	-6473.18	-2.751e+04	-2.474e+05
175	75	-6.119e+04	1.996e+04	-0.01	-1.12	0.0	-987.38	-3645.60	244.20	-1.849e+04	5005.56	-6.119e+04
		-2.130e+05	5005.56	4.47e-04		30.5	-987.38	-946.71	244.20	-2.114e+04	1.248e+04	-1.764e+05
						61.0	-987.38	1815.10	244.20	-2.388e+04	1.996e+04	-2.129e+05
175	79	-1.122e+05	8735.95	5.71e-04	-1.02	0.0	-1477.26	-4345.67	-40.29	-6679.10	8735.95	-1.122e+05
		-2.214e+05	6278.48	-4.40e-05		30.5	-1477.26	-1709.73	-40.29	-9216.82	7507.21	-2.045e+05
						61.0	-1477.26	929.69	-40.29	-1.178e+04	6278.48	-2.164e+05
175	82	-1.212e+05	5762.85	6.25e-04	-1.12	0.0	-1521.40	-4832.88	-24.84	-7702.64	5762.85	-1.212e+05
		-2.435e+05	4247.76	-2.04e-05		30.5	-1521.40	-1921.49	-24.84	-1.048e+04	5005.31	-2.242e+05
						61.0	-1521.40	993.66	-24.84	-1.329e+04	4247.76	-2.384e+05
175	83	-1.147e+05	8859.90	5.82e-04	-1.04	0.0	-1523.69	-4437.21	-42.98	-6948.49	8859.90	-1.147e+05
		-2.263e+05	6238.20	-5.21e-05		30.5	-1523.69	-1747.33	-42.98	-9522.79	7549.05	-2.090e+05
						61.0	-1523.69	946.02	-42.98	-1.212e+04	6238.20	-2.213e+05
175	85	-1.202e+05	6735.35	6.16e-04	-1.10	0.0	-1538.34	-4746.22	-31.22	-7570.68	6735.35	-1.202e+05
		-2.401e+05	4830.79	-3.27e-05		30.5	-1538.34	-1882.40	-31.22	-1.030e+04	5783.07	-2.212e+05
						61.0	-1538.34	985.09	-31.22	-1.306e+04	4830.79	-2.350e+05
175	86	-1.122e+05	8735.95	5.71e-04	-1.02	0.0	-1477.26	-4345.67	-40.29	-6679.10	8735.95	-1.122e+05
		-2.214e+05	6278.48	-4.40e-05		30.5	-1477.26	-1709.73	-40.29	-9216.82	7507.21	-2.045e+05
						61.0	-1477.26	929.69	-40.29	-1.178e+04	6278.48	-2.164e+05
175	87	-1.160e+05	7218.41	5.95e-04	-1.06	0.0	-1487.72	-4566.40	-31.89	-7123.52	7218.41	-1.160e+05
		-2.312e+05	5273.19	-3.02e-05		30.5	-1487.72	-1806.21	-31.89	-9772.84	6245.80	-2.132e+05
						61.0	-1487.72	957.59	-31.89	-1.245e+04	5273.19	-2.262e+05
175	88	-1.127e+05	8760.74	5.73e-04	-1.02	0.0	-1486.55	-4363.98	-40.82	-6732.98	8760.74	-1.127e+05
		-2.224e+05	6270.42	-4.56e-05		30.5	-1486.55	-1717.25	-40.82	-9278.01	7515.58	-2.054e+05
						61.0	-1486.55	932.95	-40.82	-1.185e+04	6270.42	-2.174e+05
175	90	-1.150e+05	7850.22	5.88e-04	-1.05	0.0	-1492.82	-4496.41	-35.79	-6999.63	7850.22	-1.150e+05
		-2.283e+05	5667.25	-3.73e-05		30.5	-1492.82	-1775.13	-35.79	-9611.63	6758.73	-2.106e+05
						61.0	-1492.82	949.70	-35.79	-1.225e+04	5667.25	-2.233e+05
175	91	-1.122e+05	8735.95	5.71e-04	-1.02	0.0	-1477.26	-4345.67	-40.29	-6679.10	8735.95	-1.122e+05
		-2.214e+05	6278.48	-4.40e-05		30.5	-1477.26	-1709.73	-40.29	-9216.82	7507.21	-2.045e+05
						61.0	-1477.26	929.69	-40.29	-1.178e+04	6278.48	-2.164e+05
175	92	-1.145e+05	7825.43	5.85e-04	-1.05	0.0	-1483.54	-4478.11	-35.25	-6945.75	7825.43	-1.145e+05
		-2.273e+05	5675.30	-3.57e-05		30.5	-1483.54	-1767.61	-35.25	-9550.43	6750.37	-2.097e+05
						61.0	-1483.54	946.43	-35.25	-1.218e+04	5675.30	-2.223e+05

176	1-1.313e+05	8128.03	6.24e-03	-1.31	0.0	-1907.22	-803.52	-79.13-1.850e+04	8128.03-2.841e+05
	-2.871e+05	3301.16	-2.73e-05		30.5	-1907.22	2492.35	-79.13-2.173e+04	5714.60-2.584e+05
					61.0	-1907.22	5857.10	-79.13-2.501e+04	3301.16-1.313e+05
176	4-1.463e+05	5106.20	6.94e-03	-1.45	0.0	-1987.79	-905.29	-49.91-2.108e+04	5106.20-3.170e+05
	-3.204e+05	2061.41	-2.63e-06		30.5	-1987.79	2786.19	-49.91-2.466e+04	3583.81-2.885e+05
					61.0	-1987.79	6554.37	-49.91-2.831e+04	2061.41-1.463e+05
176	5-9.885e+04	6635.49	4.70e-03	-0.99	0.0	-1455.63	-603.38	-65.29-1.388e+04	6635.49-2.137e+05
	-2.160e+05	2652.90	-2.57e-05		30.5	-1455.63	1874.52	-65.29-1.631e+04	4644.19-1.944e+05
					61.0	-1455.63	4404.30	-65.29-1.878e+04	2652.90-9.885e+04
176	8-1.138e+05	3613.66	5.41e-03	-1.13	0.0	-1536.20	-705.15	-36.07-1.646e+04	3613.66-2.467e+05
	-2.493e+05	1413.15	-1.28e-06		30.5	-1536.20	2168.37	-36.07-1.924e+04	2513.40-2.245e+05
					61.0	-1536.20	5101.57	-36.07-2.207e+04	1413.15-1.138e+05
176	11-1.442e+05	5979.86	6.83e-03	-1.43	0.0	-2008.98	-886.58	-61.41-2.068e+04	5979.86-3.119e+05
	-3.152e+05	2233.97	-1.75e-05		30.5	-2008.98	2736.55	-61.41-2.419e+04	4106.92-2.838e+05
					61.0	-2008.98	6435.12	-61.41-2.776e+04	2233.97-1.442e+05
176	27-8.450e+04	3.262e+04	-0.03	-1.13	0.0	-1159.33	-387.12	18.64-1.908e+04	3.193e+04-2.025e+05
	-2.042e+05	3.193e+04	3.22e-04		30.5	-1159.33	2347.83	18.64-2.219e+04	3.227e+04-1.800e+05
					61.0	-1159.33	5216.61	18.64-2.537e+04	3.262e+04-8.450e+04
176	28-1.065e+05	2.954e+04	-0.03	-1.11	0.0	-1095.91	-764.94	-86.40-1.379e+04	2.954e+04-2.035e+05
	-2.067e+05	2.386e+04	-2.66e-04		30.5	-1095.91	1973.43	-86.40-1.694e+04	2.670e+04-1.909e+05
					61.0	-1095.91	4865.24	-86.40-2.014e+04	2.386e+04-1.065e+05
176	29-9.889e+04	-1.790e+04	0.03	-0.94	0.0	-1846.58	-495.51	-26.65-1.528e+04	-1.790e+04-2.411e+05
	-2.429e+05	-1.911e+04	2.32e-04		30.5	-1846.58	1929.53	-26.65-1.718e+04	-1.851e+04-2.136e+05
					61.0	-1846.58	4308.95	-26.65-1.911e+04	-1.911e+04-9.889e+04
176	30-1.209e+05	-2.029e+04	0.03	-0.93	0.0	-1783.16	-873.34	-131.70-9987.11	-2.029e+04-2.421e+05
	-2.452e+05	-2.788e+04	-3.56e-04		30.5	-1783.16	1555.14	-131.70-1.193e+04	-2.408e+04-2.245e+05
					61.0	-1783.16	3957.59	-131.70-1.389e+04	-2.788e+04-1.209e+05
176	39-6.344e+04	2.451e+04	-0.01	-1.07	0.0	-1475.41	21.36	114.29-2.364e+04	1.722e+04-2.151e+05
	-2.167e+05	1.722e+04	9.28e-04		30.5	-1475.41	2625.16	114.29-2.627e+04	2.087e+04-1.789e+05
					61.0	-1475.41	5293.31	114.29-2.897e+04	2.451e+04-6.344e+04
176	59-7.959e+04	4.080e+04	-0.03	-1.15	0.0	-1074.99	-321.41	38.95-2.031e+04	3.898e+04-1.971e+05
	-1.988e+05	3.898e+04	4.14e-04		30.5	-1074.99	2454.90	38.95-2.358e+04	3.989e+04-1.740e+05
					61.0	-1074.99	5386.64	38.95-2.692e+04	4.080e+04-7.959e+04
176	60-1.075e+05	3.595e+04	-0.03	-1.14	0.0	-994.43	-801.35	-94.52-1.359e+04	3.595e+04-1.984e+05
	-2.020e+05	2.966e+04	-3.33e-04		30.5	-994.43	1979.31	-94.52-1.691e+04	3.281e+04-1.878e+05
					61.0	-994.43	4940.31	-94.52-2.028e+04	2.966e+04-1.075e+05
176	61-9.786e+04	-2.431e+04	0.03	-0.91	0.0	-1948.06	-459.10	-18.54-1.548e+04	-2.431e+04-2.462e+05
	-2.480e+05	-2.492e+04	3.00e-04		30.5	-1948.06	1923.66	-18.54-1.721e+04	-2.462e+04-2.166e+05
					61.0	-1948.06	4233.88	-18.54-1.897e+04	-2.492e+04-9.786e+04
176	62-1.258e+05	-2.734e+04	0.03	-0.90	0.0	-1867.51	-939.05	-152.00-8758.11	-2.734e+04-2.474e+05
	-2.508e+05	-3.606e+04	-4.47e-04		30.5	-1867.51	1448.06	-152.00-1.054e+04	-3.170e+04-2.305e+05
					61.0	-1867.51	3787.55	-152.00-1.234e+04	-3.606e+04-1.258e+05
176	71-5.283e+04	3.050e+04	-0.02	-1.09	0.0	-1476.53	197.48	160.53-2.610e+04	2.030e+04-2.132e+05
	-2.147e+05	2.030e+04	1.18e-03		30.5	-1476.53	2807.23	160.53-2.876e+04	2.540e+04-1.726e+05
					61.0	-1476.53	5484.18	160.53-3.150e+04	3.050e+04-5.283e+04
176	79-1.001e+05	6418.92	4.76e-03	-1.00	0.0	-1462.11	-611.69	-62.79-1.408e+04	6418.92-2.164e+05
	-2.187e+05	2588.72	-2.31e-05		30.5	-1462.11	1898.64	-62.79-1.654e+04	4503.82-1.969e+05
					61.0	-1462.11	4461.48	-62.79-1.904e+04	2588.72-1.001e+05
176	82-1.100e+05	4404.37	5.23e-03	-1.09	0.0	-1515.82	-679.54	-43.31-1.580e+04	4404.37-2.384e+05
	-2.409e+05	1762.22	-6.17e-06		30.5	-1515.82	2094.54	-43.31-1.849e+04	3083.29-2.169e+05
					61.0	-1515.82	4926.33	-43.31-2.123e+04	1762.22-1.100e+05
176	85-1.086e+05	4986.81	5.15e-03	-1.08	0.0	-1529.95	-667.07	-50.98-1.553e+04	4986.81-2.350e+05
	-2.375e+05	1877.26	-1.65e-05		30.5	-1529.95	2061.44	-50.98-1.818e+04	3432.04-2.138e+05
					61.0	-1529.95	4846.83	-50.98-2.087e+04	1877.26-1.086e+05
176	86-1.001e+05	6418.92	4.76e-03	-1.00	0.0	-1462.11	-611.69	-62.79-1.408e+04	6418.92-2.164e+05
	-2.187e+05	2588.72	-2.31e-05		30.5	-1462.11	1898.64	-62.79-1.654e+04	4503.82-1.969e+05
					61.0	-1462.11	4461.48	-62.79-1.904e+04	2588.72-1.001e+05
176	87-1.044e+05	5420.08	4.97e-03	-1.04	0.0	-1477.34	-642.59	-52.35-1.484e+04	5420.08-2.262e+05
	-2.286e+05	2226.59	-1.26e-05		30.5	-1477.34	1986.71	-52.35-1.741e+04	3823.33-2.058e+05
					61.0	-1477.34	4670.84	-52.35-2.002e+04	2226.59-1.044e+05
176	90-1.032e+05	5812.87	4.90e-03	-1.03	0.0	-1480.55	-632.65	-57.09-1.461e+04	5812.87-2.233e+05
	-2.256e+05	2330.55	-1.84e-05		30.5	-1480.55	1959.38	-57.09-1.714e+04	4071.71-2.031e+05
					61.0	-1480.55	4605.54	-57.09-1.972e+04	2330.55-1.032e+05
176	91-1.001e+05	6418.92	4.76e-03	-1.00	0.0	-1462.11	-611.69	-62.79-1.408e+04	6418.92-2.164e+05
	-2.187e+05	2588.72	-2.31e-05		30.5	-1462.11	1898.64	-62.79-1.654e+04	4503.82-1.969e+05
					61.0	-1462.11	4461.48	-62.79-1.904e+04	2588.72-1.001e+05
176	92-1.027e+05	5819.62	4.88e-03	-1.03	0.0	-1471.25	-630.23	-56.53-1.454e+04	5819.62-2.223e+05
	-2.246e+05	2371.44	-1.68e-05		30.5	-1471.25	1951.48	-56.53-1.706e+04	4095.53-2.022e+05
					61.0	-1471.25	4587.10	-56.53-1.963e+04	2371.44-1.027e+05
177	1 1.053e+04	3209.33	7.55e-03	-1.30	0.0	-411.21	306.47	-106.78-2.968e+04	3209.33-1.313e+05
	-1.313e+05	-1996.27	-1.35e-05		24.4	-411.21	2899.17	-106.78-3.221e+04	606.53-9.237e+04
					48.8	-411.21	5554.68	-106.78-3.479e+04	-1996.27 1.053e+04
177	3 1.375e+04	2116.14	8.32e-03	-1.42	0.0	-308.64	358.50	-71.61-3.308e+04	2116.14-1.444e+05
	-1.444e+05	-1374.77	8.72e-06		24.4	-308.64	3232.98	-71.61-3.587e+04	370.69-1.008e+05
					48.8	-308.64	6176.59	-71.61-3.871e+04	-1374.77 1.375e+04
177	4 1.363e+04	1967.48	8.41e-03	-1.44	0.0	-324.41	362.85	-73.72-3.346e+04	1967.48-1.463e+05
	-1.463e+05	-1626.25	3.47e-06		24.4	-324.41	3268.04	-73.72-3.627e+04	170.61-1.021e+05

177	7	1.086e+04	1490.58	6.45e-03	-1.10	48.8	-324.41	6243.16	-73.72	-3.914e+04	-1626.25	1.363e+04
		-1.120e+05	-1035.73	8.37e-06		0.0	-226.58	279.47	-51.82	-2.569e+04	1490.58	-1.120e+05
177	9	1.028e+04	2912.01	7.75e-03	-1.32	24.4	-226.58	2510.34	-51.82	-2.786e+04	227.42	-7.806e+04
		-1.350e+05	-2499.22	-2.40e-05		48.8	-226.58	4794.84	-51.82	-3.006e+04	-1035.73	1.086e+04
177	27	2.445e+04	3.249e+04	-0.03	-1.12	0.0	-442.76	315.16	-111.00	-3.045e+04	2912.01	-1.350e+05
		-8.450e+04	2.746e+04	3.38e-04		24.4	-442.76	2969.30	-111.00	-3.303e+04	206.39	-9.510e+04
177	30	-7359.88	-2.789e+04	0.03	-0.91	48.8	-442.76	5687.82	-111.00	-3.565e+04	-2499.22	1.028e+04
		-1.209e+05	-3.039e+04	-3.53e-04		0.0	-150.39	288.00	-105.69	-2.908e+04	3.249e+04	-8.450e+04
177	40	-2.829e+04	-4929.75	-9.79e-03	-1.00	24.4	-150.39	2495.54	-105.69	-3.153e+04	2.997e+04	-5.606e+04
		-1.367e+05	-1.693e+04	-8.41e-04		48.8	-150.39	4785.33	-105.69	-3.404e+04	2.746e+04	2.445e+04
177	41	4.537e+04	1.400e+04	0.02	-1.03	0.0	-452.37	197.08	-48.74	-1.747e+04	-2.789e+04	-1.209e+05
		-6.865e+04	9529.96	8.26e-04		24.4	-452.37	2051.64	-48.74	-1.898e+04	-2.914e+04	-8.819e+04
177	42	-2.974e+04	-1.995e+04	9.79e-03	-0.95	48.8	-452.37	3922.23	-48.74	-2.052e+04	-3.039e+04	-7359.88
		-1.420e+05	-2.975e+04	-8.22e-04		0.0	17.65	171.65	-246.87	-1.487e+04	-4929.75	-1.367e+05
177	43	4.749e+04	2.712e+04	-0.02	-1.08	24.4	17.65	2309.71	-246.87	-1.701e+04	-1.093e+04	-1.082e+05
		-6.388e+04	2.477e+04	8.46e-04		48.8	17.65	4408.18	-246.87	-1.917e+04	-1.693e+04	-2.829e+04
177	59	2.874e+04	4.065e+04	-0.04	-1.15	0.0	-620.41	313.43	92.44	-3.168e+04	9529.96	-6.865e+04
		-7.959e+04	3.528e+04	4.31e-04		24.4	-620.41	2237.47	92.44	-3.350e+04	1.176e+04	-3.602e+04
177	62	-1.166e+04	-3.605e+04	0.03	-0.88	48.8	-620.41	4299.37	92.44	-3.538e+04	1.400e+04	4.537e+04
		-1.258e+05	-3.821e+04	-4.46e-04		0.0	-119.94	159.00	-200.80	-1.361e+04	-2.594e+04	-1.820e+05
177	72	-3.824e+04	-6889.65	-0.01	-1.00	24.4	-119.94	2186.49	-200.80	-1.547e+04	-2.485e+04	-1.118e+05
		-1.459e+05	-2.111e+04	-1.07e-03		48.8	-119.94	4171.66	-200.80	-1.735e+04	-2.975e+04	-2.974e+04
177	73	5.533e+04	1.818e+04	0.02	-1.03	0.0	-483.80	326.44	47.67	-3.324e+04	2.477e+04	-6.388e+04
		-5.944e+04	1.149e+04	1.05e-03		24.4	-483.80	2363.37	47.67	-3.535e+04	2.594e+04	-3.281e+04
177	74	-4.009e+04	-2.597e+04	0.01	-0.93	48.8	-483.80	4541.35	47.67	-3.751e+04	2.712e+04	4.749e+04
		-1.526e+05	-3.740e+04	-1.04e-03		0.0	-109.55	300.26	-113.36	-3.065e+04	4.065e+04	-7.959e+04
177	75	5.802e+04	3.485e+04	-0.02	-1.10	24.4	-109.55	2555.45	-113.36	-3.323e+04	3.797e+04	-5.172e+04
		-5.339e+04	3.085e+04	1.08e-03		48.8	-109.55	4901.84	-113.36	-3.586e+04	3.528e+04	2.874e+04
177	79	7897.88	2518.74	5.76e-03	-0.99	0.0	-493.21	184.82	-41.07	-1.590e+04	-3.605e+04	-1.820e+05
		-1.001e+05	-1588.48	-1.19e-05		24.4	-493.21	1991.73	-41.07	-1.728e+04	-3.713e+04	-9.253e+04
177	81	1.005e+04	1789.95	6.27e-03	-1.07	48.8	-493.21	3805.72	-41.07	-1.869e+04	-3.821e+04	-1.166e+04
		-1.088e+05	-1174.15	2.93e-06		0.0	103.86	152.48	-292.76	-1.260e+04	-6889.65	-1.459e+05
177	82	9964.21	1690.84	6.33e-03	-1.08	24.4	103.86	2319.47	-292.76	-1.478e+04	-1.400e+04	-1.180e+05
		-1.100e+05	-1341.80	0.0		48.8	103.86	4422.89	-292.76	-1.698e+04	-2.111e+04	-3.824e+04
177	83	7730.93	2320.52	5.89e-03	-1.01	0.0	-706.62	332.60	138.33	-3.395e+04	1.149e+04	-5.944e+04
		-1.025e+05	-1923.78	-1.89e-05		24.4	-706.62	2227.71	138.33	-3.573e+04	1.484e+04	-2.627e+04
177	86	7897.88	2518.74	5.76e-03	-0.99	48.8	-706.62	4284.67	138.33	-3.757e+04	1.818e+04	5.533e+04
		-1.001e+05	-1588.48	-1.19e-05		0.0	-70.90	136.41	-234.26	-1.099e+04	-2.597e+04	-1.526e+05
177	87	8972.78	2154.34	6.01e-03	-1.03	24.4	-70.90	2162.97	-234.26	-1.282e+04	-3.169e+04	-1.226e+05
		-1.044e+05	-1381.31	-4.47e-06		48.8	-70.90	4122.50	-234.26	-1.467e+04	-3.740e+04	-4.009e+04
177	88	7864.49	2479.10	5.78e-03	-0.99	0.0	-533.09	349.12	81.47	-3.593e+04	3.085e+04	5.339e+04
		-1.006e+05	-1655.54	-1.33e-05		24.4	-533.09	2387.61	81.47	-3.807e+04	3.285e+04	-2.218e+04
177	91	7897.88	2518.74	5.76e-03	-0.99	48.8	-533.09	4591.98	81.47	-4.027e+04	3.485e+04	5.802e+04
		-1.001e+05	-1588.48	-1.19e-05		0.0	-321.89	232.13	-84.25	-2.259e+04	2518.74	-1.001e+05
177	92	8542.82	2300.10	5.91e-03	-1.01	24.4	-321.89	2206.83	-84.25	-2.452e+04	465.13	-7.044e+04
		-1.027e+05	-1464.18	-7.43e-06		48.8	-321.89	4229.40	-84.25	-2.649e+04	-1588.48	7897.88
178	3	7.952e+04	-1233.59	-8.66e-03	-1.40	0.0	-253.51	266.82	-60.80	-2.486e+04	1789.95	-1.088e+05
		4126.47	-6404.53	5.25e-06		24.4	-253.51	2429.37	-60.80	-2.696e+04	307.90	-7.605e+04
178	4	8.018e+04	-1475.51	-8.76e-03	-1.42	48.8	-253.51	4644.00	-60.80	-2.911e+04	-1174.15	1.005e+04
		3915.75	-6760.96	0.0		0.0	-264.03	269.72	-62.21	-2.512e+04	1690.84	-1.100e+05
178	7	6.192e+04	-926.06	-6.71e-03	-1.09	24.4	-264.03	2452.74	-62.21	-2.724e+04	174.52	-7.696e+04
						48.8	-264.03	4688.39	-62.21	-2.939e+04	-1341.80	9964.21
178	3	7.952e+04	-1233.59	-8.66e-03	-1.40	0.0	-342.93	237.93	-87.06	-2.311e+04	2320.52	-1.025e+05
		4126.47	-6404.53	5.25e-06		24.4	-342.93	2253.58	-87.06	-2.507e+04	198.37	-7.226e+04
178	4	8.018e+04	-1475.51	-8.76e-03	-1.42	48.8	-342.93	4318.16	-87.06	-2.707e+04	-1923.78	7730.93
		3915.75	-6760.96	0.0		0.0	-321.89	232.13	-84.25	-2.259e+04	2518.74	-1.001e+05
178	7	6.192e+04	-926.06	-6.71e-03	-1.09	24.4	-321.89	2206.83	-84.25	-2.452e+04	465.13	-7.044e+04
						48.8	-321.89	4229.40	-84.25	-2.649e+04	-1588.48	7897.88
178	3	7.952e+04	-1233.59	-8.66e-03	-1.40	0.0	-301.38	242.54	-77.22	-2.327e+04	2300.10	-1.027e+05
		4126.47	-6404.53	5.25e-06		24.4	-301.38	2273.59	-77.22	-2.526e+04	417.96	-7.212e+04
178	4	8.018e+04	-1475.51	-8.76e-03	-1.42	48.8	-301.38	4353.78	-77.22	-2.728e+04	-1464.18	8542.82
		3915.75	-6760.96	0.0		0.0	267.08	-1491.27	-106.07	-4.489e+04	-1233.59	1.375e+04
178	7	6.192e+04	-926.06	-6.71e-03	-1.09	24.4	267.08	1337.75	-106.07	-4.764e+04	-3819.06	1.174e+04
						48.8	267.08	4234.51	-106.07	-5.046e+04	-6404.53	7.952e+04
178	3	7.952e+04	-1233.59	-8.66e-03	-1.40	0.0	260.08	-1505.85	-108.42	-4.537e+04	-1475.51	1.363e+04
		4126.47	-6404.53	5.25e-06		24.4	260.08	1353.71	-108.42	-4.814e+04	-4118.23	1.163e+04
178	4	8.018e+04	-1475.51	-8.76e-03	-1.42	48.8	260.08	4281.80	-108.42	-5.098e+04	-6760.96	8.018e+04
		3915.75	-6760.96	0.0		0.0	217.24	-1157.09	-78.11	-3.485e+04	-926.06	1.086e+04

		3394.45	-4734.12	5.76e-06		24.4	217.24	1038.57	-78.11	-3.698e+04	-2830.09	9308.50
						48.8	217.24	3286.75	-78.11	-3.917e+04	-4734.12	6.192e+04
178	9	7.083e+04	-2347.56	-8.09e-03	-1.31	0.0	124.30	-1380.43	-147.21	-4.137e+04	-2347.56	1.028e+04
		1344.96	-9524.04	-2.99e-05		24.4	124.30	1231.52	-147.21	-4.391e+04	-5935.80	8331.29
						48.8	124.30	3906.79	-147.21	-4.651e+04	-9524.04	7.083e+04
178	12	5.323e+04	-2040.03	-6.15e-03	-0.99	0.0	74.46	-1046.25	-119.25	-3.133e+04	-2040.03	7384.67
		612.95	-7853.63	-2.94e-05		24.4	74.46	932.33	-119.25	-3.325e+04	-4946.83	5898.25
						48.8	74.46	2959.02	-119.25	-3.522e+04	-7853.63	5.323e+04
178	27	6.967e+04	2.745e+04	-0.03	-1.11	0.0	186.80	-887.38	-215.42	-3.845e+04	2.745e+04	2.444e+04
		1.599e+04	1.710e+04	3.96e-04		24.4	186.80	1110.58	-215.42	-4.087e+04	2.228e+04	2.061e+04
						48.8	186.80	3391.08	-215.42	-4.335e+04	1.710e+04	6.967e+04
178	40	3.343e+04	-1.693e+04	-9.87e-03	-0.97	0.0	496.63	-1222.38	-258.21	-2.292e+04	-1.693e+04	-2.829e+04
		-3.278e+04	-2.944e+04	-8.77e-04		24.4	496.63	678.57	-258.21	-2.500e+04	-2.319e+04	-2.407e+04
						48.8	496.63	2654.91	-258.21	-2.711e+04	-2.944e+04	3.343e+04
178	41	7.615e+04	1.653e+04	0.02	-1.03	0.0	-247.94	-893.06	49.25	-4.043e+04	1.421e+04	4.537e+04
		3.549e+04	1.421e+04	8.55e-04		24.4	-247.94	1202.80	49.25	-4.226e+04	1.537e+04	3.810e+04
						48.8	-247.94	3319.79	49.25	-4.414e+04	1.653e+04	7.615e+04
178	43	8.038e+04	2.726e+04	-0.02	-1.09	0.0	-150.23	-831.71	-37.10	-4.247e+04	2.726e+04	4.749e+04
		3.724e+04	2.545e+04	9.03e-04		24.4	-150.23	1255.53	-37.10	-4.457e+04	2.636e+04	3.998e+04
						48.8	-150.23	3487.21	-37.10	-4.673e+04	2.537e+04	8.038e+04
178	46	2.920e+04	-2.998e+04	0.01	-0.91	0.0	398.92	-1283.73	-171.86	-2.088e+04	-2.998e+04	-3.041e+04
		-3.459e+04	-3.836e+04	-9.25e-04		24.4	398.92	625.85	-171.86	-2.268e+04	-3.417e+04	-2.595e+04
						48.8	398.92	2487.49	-171.86	-2.452e+04	-3.836e+04	2.920e+04
178	59	7.369e+04	3.525e+04	-0.04	-1.14	0.0	203.70	-841.38	-245.38	-4.028e+04	3.525e+04	2.874e+04
		1.981e+04	2.347e+04	5.07e-04		24.4	203.70	1156.51	-245.38	-4.283e+04	2.936e+04	2.429e+04
						48.8	203.70	3500.16	-245.38	-4.543e+04	2.347e+04	7.369e+04
178	72	2.766e+04	-2.115e+04	-0.01	-0.96	0.0	597.24	-1266.93	-299.79	-2.055e+04	-2.115e+04	-3.824e+04
		-4.225e+04	-3.566e+04	-1.11e-03		24.4	597.24	607.71	-299.79	-2.266e+04	-2.840e+04	-3.247e+04
						48.8	597.24	2565.05	-299.79	-2.480e+04	-3.566e+04	2.766e+04
178	73	8.192e+04	2.275e+04	0.02	-1.04	0.0	-348.55	-848.52	90.83	-4.280e+04	1.843e+04	5.533e+04
		4.453e+04	1.843e+04	1.09e-03		24.4	-348.55	1273.66	90.83	-4.459e+04	2.059e+04	4.651e+04
						48.8	-348.55	3409.65	90.83	-4.645e+04	2.275e+04	8.192e+04
178	75	8.729e+04	3.500e+04	-0.02	-1.11	0.0	-224.45	-770.61	-18.85	-4.539e+04	3.500e+04	5.802e+04
		4.676e+04	3.409e+04	1.15e-03		24.4	-224.45	1340.64	-18.85	-4.753e+04	3.455e+04	4.889e+04
						48.8	-224.45	3622.30	-18.85	-4.974e+04	3.409e+04	8.729e+04
178	78	2.229e+04	-3.773e+04	0.01	-0.89	0.0	473.14	-1344.83	-190.11	-1.797e+04	-3.773e+04	-4.093e+04
		-4.455e+04	-4.700e+04	-1.17e-03		24.4	473.14	540.74	-190.11	-1.973e+04	-4.236e+04	-3.486e+04
						48.8	473.14	2352.40	-190.11	-2.152e+04	-4.700e+04	2.229e+04
178	81	5.946e+04	-1066.83	-6.53e-03	-1.06	0.0	184.44	-1123.05	-87.47	-3.376e+04	-1066.83	1.005e+04
		2791.11	-5331.19	0.0		24.4	184.44	1005.15	-87.47	-3.583e+04	-3199.01	8504.95
						48.8	184.44	3184.43	-87.47	-3.795e+04	-5331.19	5.946e+04
178	82	5.990e+04	-1228.11	-6.60e-03	-1.07	0.0	179.78	-1132.77	-89.04	-3.408e+04	-1228.11	9962.57
		2650.63	-5568.81	-3.86e-06		24.4	179.78	1015.79	-89.04	-3.617e+04	-3398.46	8431.53
						48.8	179.78	3215.95	-89.04	-3.830e+04	-5568.81	5.990e+04
178	83	5.367e+04	-1809.48	-6.15e-03	-0.99	0.0	89.26	-1049.16	-114.90	-3.142e+04	-1809.48	7729.04
		936.77	-7410.87	-2.34e-05		24.4	89.26	934.33	-114.90	-3.334e+04	-4610.17	6231.45
						48.8	89.26	2965.94	-114.90	-3.532e+04	-7410.87	5.367e+04
178	87	5.613e+04	-1276.88	-6.27e-03	-1.02	0.0	141.51	-1076.39	-99.62	-3.227e+04	-1276.88	8971.03
		2004.42	-6133.41	-7.86e-06		24.4	141.51	959.11	-99.62	-3.426e+04	-3705.14	7441.61
						48.8	141.51	3043.66	-99.62	-3.629e+04	-6133.41	5.613e+04
178	88	5.297e+04	-1551.43	-6.04e-03	-0.98	0.0	96.72	-1033.61	-112.39	-3.091e+04	-1551.43	7862.62
		1161.54	-7030.68	-1.73e-05		24.4	96.72	917.31	-112.39	-3.281e+04	-4291.06	6348.91
						48.8	96.72	2915.50	-112.39	-3.477e+04	-7030.68	5.297e+04
178	91	5.279e+04	-1486.92	-6.01e-03	-0.97	0.0	98.59	-1029.72	-111.77	-3.078e+04	-1486.92	7896.01
		1217.73	-6935.63	-1.57e-05		24.4	98.59	913.06	-111.77	-3.268e+04	-4211.28	6378.28
						48.8	98.59	2902.89	-111.77	-3.463e+04	-6935.63	5.279e+04
178	92	5.479e+04	-1360.90	-6.17e-03	-1.00	0.0	124.34	-1057.72	-104.48	-3.168e+04	-1360.90	8541.03
		1689.74	-6454.30	-1.10e-05		24.4	124.34	940.69	-104.48	-3.363e+04	-3907.60	7016.28
						48.8	124.34	2987.35	-104.48	-3.563e+04	-6454.30	5.479e+04
179	3	8.144e+04	-6304.00	-8.03e-03	-1.34	0.0	451.46	-2675.72	-129.44	-5.713e+04	-6304.00	7.952e+04
		4.715e+04	-1.261e+04	-9.07e-06		24.4	451.46	29.70	-129.44	-5.980e+04	-9459.02	4.715e+04
						48.8	451.46	2792.90	-129.44	-6.255e+04	-1.261e+04	8.144e+04
179	4	8.227e+04	-6648.56	-8.13e-03	-1.36	0.0	450.53	-2701.89	-132.15	-5.769e+04	-6648.56	8.018e+04
		4.753e+04	-1.309e+04	-1.56e-05		24.4	450.53	33.14	-132.15	-6.038e+04	-9869.70	4.753e+04
						48.8	450.53	2826.65	-132.15	-6.315e+04	-1.309e+04	8.227e+04
179	5	5.348e+04	-7053.50	-5.54e-03	-0.92	0.0	255.50	-1807.03	-134.09	-3.874e+04	-7053.50	5.191e+04
		3.012e+04	-1.359e+04	-3.37e-05		24.4	255.50	25.60	-134.09	-4.056e+04	-1.032e+04	3.012e+04
						48.8	255.50	1898.11	-134.09	-4.243e+04	-1.359e+04	5.348e+04
179	7	6.337e+04	-4657.10	-6.22e-03	-1.04	0.0	355.89	-2077.47	-95.87	-4.434e+04	-4657.10	6.192e+04
		3.678e+04	-9330.60	-4.83e-06		24.4	355.89	22.34	-95.87	-4.641e+04	-6993.85	3.678e+04
						48.8	355.89	2166.91	-95.87	-4.854e+04	-9330.60	6.337e+04
179	9	7.321e+04	-9389.51	-7.54e-03	-1.25	0.0	349.20	-2457.63	-173.09	-5.264e+04	-9389.51	7.083e+04
		4.125e+04	-1.783e+04	-5.11e-05		24.4	349.20	39.85	-173.09	-5.511e+04	-1.361e+04	4.125e+04
						48.8	349.20	2591.61	-173.09	-5.765e+04	-1.783e+04	7.321e+04
179	12	5.515e+04	-7742.61	-5.74e-03	-0.95	0.0	253.64	-1859.38	-139.52	-3.985e+04	-7742.61	5.323e+04
		3.088e+04	-1.454e+04	-4.68e-05		24.4	253.64	32.48	-139.52	-4.172e+04	-1.114e+04	3.088e+04
						48.8	253.64	1965.62	-139.52	-4.364e+04	-1.454e+04	5.515e+04

179	40	5.094e+04	-2.943e+04	-9.43e-03	-0.91	0.0	763.46	-2016.79	-256.18	-3.069e+04	-2.943e+04	3.343e+04
		1.549e+04	-4.158e+04	-9.38e-04		24.4	763.46	-288.49	-256.18	-3.268e+04	-3.550e+04	1.614e+04
						48.8	763.46	1544.46	-256.18	-3.471e+04	-4.158e+04	5.094e+04
179	41	7.615e+04	1.679e+04	0.02	-1.01	0.0	-195.86	-1754.27	9.07	-5.004e+04	1.669e+04	7.615e+04
		4.734e+04	1.669e+04	8.87e-04		24.4	-195.86	338.12	9.07	-5.184e+04	1.674e+04	4.792e+04
						48.8	-195.86	2408.45	9.07	-5.371e+04	1.679e+04	6.173e+04
179	43	8.038e+04	2.553e+04	-0.02	-1.06	0.0	-131.60	-1647.50	-114.55	-5.244e+04	2.553e+04	8.038e+04
		5.029e+04	1.996e+04	9.55e-04		24.4	-131.60	353.94	-114.55	-5.450e+04	2.274e+04	5.085e+04
						48.8	-131.60	2523.51	-114.55	-5.664e+04	1.996e+04	6.602e+04
179	46	4.665e+04	-3.827e+04	9.84e-03	-0.85	0.0	699.20	-2123.56	-132.55	-2.829e+04	-3.827e+04	2.921e+04
		1.254e+04	-4.475e+04	-1.01e-03		24.4	699.20	-304.32	-132.55	-3.002e+04	-4.151e+04	1.321e+04
						48.8	699.20	1429.40	-132.55	-3.179e+04	-4.475e+04	5.695e+04
179	72	4.949e+04	-3.567e+04	-0.01	-0.89	0.0	893.11	-2052.29	-292.03	-2.808e+04	-3.567e+04	2.766e+04
		1.086e+04	-4.948e+04	-1.18e-03		24.4	893.11	-373.17	-292.03	-3.009e+04	-4.257e+04	1.184e+04
						48.8	893.11	1427.73	-292.03	-3.214e+04	-4.948e+04	4.949e+04
179	73	8.193e+04	2.469e+04	0.02	-1.02	0.0	-325.51	-1718.78	44.93	-5.265e+04	2.293e+04	8.193e+04
		5.114e+04	2.293e+04	1.13e-03		24.4	-325.51	422.79	44.93	-5.443e+04	2.381e+04	5.222e+04
						48.8	-325.51	2525.18	44.93	-5.628e+04	2.469e+04	6.319e+04
179	75	8.730e+04	3.416e+04	-0.02	-1.09	0.0	-243.92	-1583.19	-112.09	-5.571e+04	3.416e+04	8.730e+04
		5.497e+04	2.871e+04	1.22e-03		24.4	-243.92	442.87	-112.09	-5.781e+04	3.144e+04	5.695e+04
						48.8	-243.92	2671.32	-112.09	-5.999e+04	2.871e+04	6.864e+04
179	78	4.403e+04	-4.690e+04	0.01	-0.83	0.0	811.52	-2187.87	-135.01	-2.503e+04	-4.690e+04	2.229e+04
		7033.01	-5.350e+04	-1.27e-03		24.4	811.52	-393.25	-135.01	-2.671e+04	-5.020e+04	8122.15
						48.8	811.52	1281.59	-135.01	-2.843e+04	-5.350e+04	4.403e+04
179	79	5.436e+04	-6849.52	-5.60e-03	-0.93	0.0	263.72	-1831.45	-131.20	-3.925e+04	-6849.52	5.279e+04
		3.070e+04	-1.325e+04	-3.12e-05		24.4	263.72	25.46	-131.20	-4.109e+04	-1.005e+04	3.070e+04
						48.8	263.72	1922.70	-131.20	-4.299e+04	-1.325e+04	5.436e+04
179	81	6.095e+04	-5251.92	-6.06e-03	-1.01	0.0	330.65	-2011.73	-105.71	-4.298e+04	-5251.92	5.946e+04
		3.514e+04	-1.041e+04	-1.19e-05		24.4	330.65	23.29	-105.71	-4.499e+04	-1.041e+04	6.095e+04
						48.8	330.65	2101.90	-105.71	-4.706e+04	-1.041e+04	6.095e+04
179	82	6.151e+04	-5481.63	-6.12e-03	-1.02	0.0	330.03	-2029.18	-107.52	-4.335e+04	-5481.63	5.990e+04
		3.539e+04	-1.072e+04	-1.63e-05		24.4	330.03	25.58	-107.52	-4.538e+04	-8102.48	3.539e+04
						48.8	330.03	2124.40	-107.52	-4.746e+04	-1.072e+04	6.151e+04
179	83	5.547e+04	-7308.93	-5.74e-03	-0.95	0.0	262.48	-1866.34	-134.81	-3.999e+04	-7308.93	5.367e+04
		3.120e+04	-1.388e+04	-3.99e-05		24.4	262.48	30.05	-134.81	-4.186e+04	-1.060e+04	3.120e+04
						48.8	262.48	1967.71	-134.81	-4.379e+04	-1.388e+04	5.547e+04
179	86	5.436e+04	-6849.52	-5.60e-03	-0.93	0.0	263.72	-1831.45	-131.20	-3.925e+04	-6849.52	5.279e+04
		3.070e+04	-1.325e+04	-3.12e-05		24.4	263.72	25.46	-131.20	-4.109e+04	-1.005e+04	3.070e+04
						48.8	263.72	1922.70	-131.20	-4.299e+04	-1.325e+04	5.436e+04
179	87	5.766e+04	-6050.72	-5.83e-03	-0.97	0.0	297.19	-1921.59	-118.46	-4.111e+04	-6050.72	5.613e+04
		3.292e+04	-1.183e+04	-2.15e-05		24.4	297.19	24.38	-118.46	-4.304e+04	-8938.07	3.292e+04
						48.8	297.19	2012.30	-118.46	-4.502e+04	-1.183e+04	5.766e+04
179	88	5.458e+04	-6941.40	-5.63e-03	-0.94	0.0	263.47	-1838.42	-131.92	-3.939e+04	-6941.40	5.297e+04
		3.080e+04	-1.337e+04	-3.29e-05		24.4	263.47	26.38	-131.92	-4.124e+04	-1.016e+04	3.080e+04
						48.8	263.47	1931.70	-131.92	-4.315e+04	-1.337e+04	5.458e+04
179	91	5.436e+04	-6849.52	-5.60e-03	-0.93	0.0	263.72	-1831.45	-131.20	-3.925e+04	-6849.52	5.279e+04
		3.070e+04	-1.325e+04	-3.12e-05		24.4	263.72	25.46	-131.20	-4.109e+04	-1.005e+04	3.070e+04
						48.8	263.72	1922.70	-131.20	-4.299e+04	-1.325e+04	5.436e+04
179	92	5.634e+04	-6370.24	-5.74e-03	-0.96	0.0	283.80	-1885.53	-123.55	-4.037e+04	-6370.24	5.479e+04
		3.203e+04	-1.239e+04	-2.54e-05		24.4	283.80	24.81	-123.55	-4.226e+04	-9381.83	3.203e+04
						48.8	283.80	1976.46	-123.55	-4.421e+04	-1.239e+04	5.634e+04
180	4	8.227e+04	-1.408e+04	-7.37e-03	-1.41	0.0	726.43	-3329.47	-78.34	-7.044e+04	-1.408e+04	8.227e+04
		3.513e+04	-1.790e+04	-4.44e-05		24.4	726.43	-459.46	-78.34	-7.332e+04	-1.599e+04	3.598e+04
						48.8	726.43	2463.89	-78.34	-7.630e+04	-1.790e+04	6.030e+04
180	5	5.348e+04	-1.421e+04	-5.06e-03	-0.96	0.0	479.98	-2214.69	-102.12	-4.737e+04	-1.421e+04	5.348e+04
		2.237e+04	-1.919e+04	-6.36e-05		24.4	479.98	-289.93	-102.12	-4.932e+04	-1.670e+04	2.288e+04
						48.8	479.98	1671.42	-102.12	-5.134e+04	-1.919e+04	3.964e+04
180	7	6.337e+04	-1.011e+04	-5.64e-03	-1.09	0.0	559.25	-2560.78	-53.65	-5.417e+04	-1.011e+04	6.337e+04
		2.705e+04	-1.272e+04	-2.53e-05		24.4	559.25	-357.60	-53.65	-5.639e+04	-1.142e+04	2.772e+04
						48.8	559.25	1886.38	-53.65	-5.868e+04	-1.272e+04	4.627e+04
180	9	7.321e+04	-1.866e+04	-6.88e-03	-1.30	0.0	654.44	-3015.94	-129.58	-6.427e+04	-1.866e+04	7.321e+04
		3.087e+04	-2.498e+04	-9.02e-05		24.4	654.44	-393.13	-129.58	-6.690e+04	-2.182e+04	3.156e+04
						48.8	654.44	2279.46	-129.58	-6.963e+04	-2.498e+04	5.445e+04
180	27	6.619e+04	1638.17	-0.03	-1.12	0.0	386.76	-2078.04	-337.77	-5.798e+04	1638.17	6.619e+04
		2.931e+04	-1.652e+04	4.33e-04		24.4	386.76	-200.29	-337.77	-6.048e+04	-7441.38	3.013e+04
						48.8	386.76	2057.35	-337.77	-6.305e+04	-1.652e+04	4.978e+04
180	30	4.649e+04	-1.824e+04	0.03	-0.87	0.0	618.75	-2552.16	160.48	-4.072e+04	-2.776e+04	4.649e+04
		1.812e+04	-2.776e+04	-5.38e-04		24.4	618.75	-418.40	160.48	-4.228e+04	-2.300e+04	1.842e+04
						48.8	618.75	1411.11	160.48	-4.390e+04	-1.824e+04	3.335e+04
180	40	5.094e+04	-4.216e+04	-9.06e-03	-0.92	0.0	1095.23	-2319.57	-213.50	-3.774e+04	-4.216e+04	5.094e+04
		2.178e+04	-5.231e+04	-1.03e-03		24.4	1095.23	-553.78	-213.50	-3.984e+04	-4.724e+04	2.178e+04
						48.8	1095.23	1310.58	-213.50	-4.198e+04	-5.231e+04	3.821e+04
180	41	6.173e+04	1.754e+04	0.02	-1.07	0.0	-89.72	-2310.63	36.21	-6.096e+04	1.604e+04	6.173e+04
		2.478e+04	1.604e+04	9.20e-04		24.4	-89.72	-64.91	36.21	-6.292e+04	1.679e+04	2.677e+04
						48.8	-89.72	2157.88	36.21	-6.497e+04	1.754e+04	4.491e+04
180	43	6.602e+04	1.914e+04	-0.02	-1.13	0.0	-52.86	-2186.71	-118.98	-6.361e+04	1.914e+04	6.602e+04
		2.750e+04	1.229e+04	9.94e-04		24.4	-52.86	-48.09	-118.98	-6.583e+04	1.571e+04	2.945e+04

180	44	5.123e+04	-4.194e+04	-9.51e-03	-0.93	48.8	-52.86	2265.60	-118.98	-6.815e+04	1.229e+04	4.880e+04
		2.193e+04	-5.235e+04	-9.86e-04		0.0	1091.79	-2312.58	-216.57	-3.797e+04	-4.194e+04	5.123e+04
						24.4	1091.79	-550.38	-216.57	-4.006e+04	-4.715e+04	2.193e+04
180	59	6.885e+04	5611.49	-0.04	-1.16	48.8	1091.79	1310.80	-216.57	-4.221e+04	-5.235e+04	3.832e+04
		3.078e+04	-1.628e+04	5.65e-04		0.0	355.30	-2014.05	-405.09	-6.032e+04	5611.49	6.885e+04
						24.4	355.30	-170.84	-405.09	-6.293e+04	-5332.79	3.171e+04
180	62	4.383e+04	-1.849e+04	0.04	-0.84	48.8	355.30	2144.67	-405.09	-6.564e+04	-1.628e+04	5.200e+04
		1.661e+04	-3.173e+04	-6.70e-04		0.0	650.21	-2616.15	227.80	-3.839e+04	-3.173e+04	4.383e+04
						24.4	650.21	-447.85	227.80	-3.983e+04	-2.511e+04	1.684e+04
180	72	4.948e+04	-5.004e+04	-0.01	-0.90	48.8	650.21	1323.79	227.80	-4.131e+04	-1.849e+04	3.113e+04
		2.111e+04	-6.176e+04	-1.29e-03		0.0	1255.41	-2320.78	-247.26	-3.461e+04	-5.004e+04	4.948e+04
						24.4	1255.41	-619.84	-247.26	-3.672e+04	-5.590e+04	2.111e+04
180	73	6.319e+04	2.699e+04	0.02	-1.09	48.8	1255.41	1196.12	-247.26	-3.888e+04	-6.176e+04	3.731e+04
		2.489e+04	2.392e+04	1.18e-03		0.0	-249.90	-2309.41	69.97	-6.410e+04	2.392e+04	6.319e+04
						24.4	-249.90	1.15	69.97	-6.604e+04	2.546e+04	2.744e+04
180	75	6.864e+04	2.785e+04	-0.02	-1.16	48.8	-249.90	2272.34	69.97	-6.808e+04	2.699e+04	4.582e+04
		2.845e+04	2.032e+04	1.28e-03		0.0	-203.14	-2152.05	-127.16	-6.746e+04	2.785e+04	6.864e+04
						24.4	-203.14	22.49	-127.16	-6.974e+04	2.409e+04	3.085e+04
180	76	4.985e+04	-4.976e+04	-0.01	-0.91	48.8	-203.14	2409.17	-127.16	-7.211e+04	2.032e+04	5.075e+04
		2.130e+04	-6.181e+04	-1.24e-03		0.0	1251.05	-2311.90	-251.16	-3.489e+04	-4.976e+04	4.985e+04
						24.4	1251.05	-615.50	-251.16	-3.700e+04	-5.579e+04	2.130e+04
180	79	5.436e+04	-1.388e+04	-5.11e-03	-0.97	48.8	1251.05	1196.40	-251.16	-3.917e+04	-6.181e+04	3.744e+04
		2.278e+04	-1.868e+04	-6.02e-05		0.0	486.90	-2245.88	-98.34	-4.799e+04	-1.388e+04	5.436e+04
						24.4	486.90	-295.81	-98.34	-4.997e+04	-1.628e+04	2.331e+04
180	81	6.095e+04	-1.115e+04	-5.50e-03	-1.06	48.8	486.90	1691.24	-98.34	-5.201e+04	-1.868e+04	4.024e+04
		2.590e+04	-1.436e+04	-3.48e-05		0.0	539.74	-2476.60	-66.02	-5.253e+04	-1.115e+04	6.095e+04
						24.4	539.74	-340.93	-66.02	-5.468e+04	-1.275e+04	2.653e+04
180	82	6.151e+04	-1.146e+04	-5.56e-03	-1.07	48.8	539.74	1834.54	-66.02	-5.690e+04	-1.436e+04	4.466e+04
		2.618e+04	-1.477e+04	-3.98e-05		0.0	544.60	-2498.30	-67.86	-5.294e+04	-1.146e+04	6.151e+04
						24.4	544.60	-341.82	-67.86	-5.511e+04	-1.311e+04	2.681e+04
180	83	5.547e+04	-1.451e+04	-5.23e-03	-0.99	48.8	544.60	1854.88	-67.86	-5.735e+04	-1.477e+04	4.517e+04
		2.334e+04	-1.948e+04	-7.04e-05		0.0	496.60	-2289.28	-102.02	-4.883e+04	-1.451e+04	5.547e+04
						24.4	496.60	-297.61	-102.02	-5.083e+04	-1.700e+04	2.386e+04
180	86	5.436e+04	-1.388e+04	-5.11e-03	-0.97	48.8	496.60	1731.93	-102.02	-5.291e+04	-1.948e+04	4.127e+04
		2.278e+04	-1.868e+04	-6.02e-05		0.0	486.90	-2245.88	-98.34	-4.799e+04	-1.388e+04	5.436e+04
						24.4	486.90	-295.81	-98.34	-4.997e+04	-1.628e+04	2.331e+04
180	87	5.766e+04	-1.251e+04	-5.30e-03	-1.01	48.8	486.90	1691.24	-98.34	-5.201e+04	-1.868e+04	4.024e+04
		2.434e+04	-1.652e+04	-4.75e-05		0.0	513.32	-2361.24	-82.18	-5.026e+04	-1.251e+04	5.766e+04
						24.4	513.32	-318.37	-82.18	-5.232e+04	-1.452e+04	2.492e+04
180	88	5.458e+04	-1.401e+04	-5.13e-03	-0.98	48.8	513.32	1762.89	-82.18	-5.446e+04	-1.652e+04	4.245e+04
		2.289e+04	-1.884e+04	-6.23e-05		0.0	488.84	-2254.56	-99.08	-4.816e+04	-1.401e+04	5.458e+04
						24.4	488.84	-296.17	-99.08	-5.014e+04	-1.642e+04	2.342e+04
180	91	5.436e+04	-1.388e+04	-5.11e-03	-0.97	48.8	488.84	1699.38	-99.08	-5.219e+04	-1.884e+04	4.045e+04
		2.278e+04	-1.868e+04	-6.02e-05		0.0	486.90	-2245.88	-98.34	-4.799e+04	-1.388e+04	5.436e+04
						24.4	486.90	-295.81	-98.34	-4.997e+04	-1.628e+04	2.331e+04
180	92	5.634e+04	-1.306e+04	-5.23e-03	-1.00	48.8	486.90	1691.24	-98.34	-5.201e+04	-1.868e+04	4.024e+04
		2.372e+04	-1.738e+04	-5.26e-05		0.0	502.75	-2315.10	-88.65	-4.935e+04	-1.306e+04	5.634e+04
						24.4	502.75	-309.35	-88.65	-5.138e+04	-1.522e+04	2.427e+04
181	3	6.051e+05	-3492.12	-0.02	-1.09	48.8	502.75	1734.23	-88.65	-5.348e+04	-1.738e+04	4.156e+04
		7.696e+04	-1.584e+04	-9.76e-05		0.0	1816.06	-1.048e+04	-169.19	1.517e+04	-3492.12	6.051e+05
						36.5	1816.06	-7188.99	-169.19	1.378e+04	-9667.68	2.834e+05
181	4	6.130e+05	-2720.07	-0.02	-1.10	73.0	1816.06	-4174.13	-169.19	1.243e+04	-1.584e+04	7.696e+04
		7.768e+04	-1.572e+04	-1.04e-04		0.0	1911.76	-1.062e+04	-178.12	1.514e+04	-2720.07	6.130e+05
						36.5	1911.76	-7285.99	-178.12	1.373e+04	-9221.50	2.869e+05
181	5	3.852e+05	1.078e+04	-0.01	-0.73	73.0	1911.76	-4226.68	-178.12	1.237e+04	-1.572e+04	7.768e+04
		4.467e+04	-2605.77	-8.55e-05		0.0	867.19	-6796.36	-183.41	1.545e+04	1.078e+04	3.852e+05
						36.5	867.19	-4633.68	-183.41	1.429e+04	4088.71	1.771e+05
181	9	5.333e+05	1.278e+04	-0.02	-1.00	73.0	867.19	-2653.51	-183.41	1.319e+04	-2605.77	4.467e+04
		6.260e+04	-5136.68	-1.21e-04		0.0	1421.52	-9391.68	-245.42	1.932e+04	1.278e+04	5.333e+05
						36.5	1421.52	-6406.72	-245.42	1.779e+04	3821.32	2.457e+05
181	23	4.742e+05	-8977.49	0.02	-0.81	73.0	1421.52	-3671.24	-245.42	1.633e+04	-5136.68	6.260e+04
		6.721e+04	-1.583e+04	1.23e-03		0.0	2278.23	-6405.44	-204.42	1.129e+04	-8977.49	4.742e+05
						36.5	2278.23	-4278.31	-204.42	1.047e+04	-1.240e+04	2.281e+05
181	26	3.459e+05	2.223e+04	-0.01	-0.72	73.0	2278.23	-2337.92	-204.42	9651.78	-1.583e+04	6.721e+04
		3.113e+04	4698.34	-1.39e-03		0.0	-220.11	-7970.40	-129.61	1.731e+04	2.223e+04	3.459e+05
						36.5	-220.11	-5543.84	-129.61	1.587e+04	1.347e+04	1.513e+05
181	37	4.837e+05	4.990e+04	-0.02	-0.88	73.0	-220.11	-3313.66	-129.61	1.452e+04	4698.34	3.113e+04
		5.972e+04	3.025e+04	2.24e-04		0.0	967.05	-5994.15	-657.81	7880.02	4.990e+04	4.837e+05
						36.5	967.05	-4049.79	-657.81	7567.16	4.007e+04	2.260e+05
181	43	5.100e+05	3.065e+04	-0.02	-0.89	73.0	967.05	-2270.31	-657.81	7201.67	3.025e+04	5.972e+04
		6.881e+04	-4.743e+04	1.06e-03		0.0	1647.55	-5719.84	-569.07	6427.68	3.065e+04	5.100e+05
						36.5	1647.55	-3813.20	-569.07	6264.07	-8391.77	2.430e+05
181	46	3.100e+05	3.630e+04	0.01	-0.64	73.0	1647.55	-2072.36	-569.07	6075.48	-4.743e+04	6.881e+04
		2.953e+04	-1.739e+04	-1.22e-03		0.0	410.58	-8656.00	235.04	2.218e+04	-1.739e+04	3.100e+05
						36.5	410.58	-6008.96	235.04	2.008e+04	9455.44	1.365e+05
181	55	4.915e+05	-1.319e+04	0.02	-0.83	73.0	410.58	-3579.22	235.04	1.810e+04	3.630e+04	2.953e+04
						0.0	2615.80	-6194.10	-214.57	1.048e+04	-1.319e+04	4.915e+05

		7.209e+04	-1.860e+04	1.58e-03			36.5	2615.80	-4107.38	-214.57	9741.20	-1.589e+04	2.385e+05
181	58	3.285e+05	2.645e+04	-0.01	-0.70		73.0	2615.80	-2206.10	-214.57	8998.97	-1.860e+04	7.209e+04
		2.625e+04	7470.69	-1.74e-03			0.0	-557.68	-8181.73	-119.46	1.812e+04	2.645e+04	3.285e+05
							36.5	-557.68	-5714.77	-119.46	1.660e+04	1.696e+04	1.410e+05
181	69	5.036e+05	6.159e+04	-0.02	-0.91		73.0	-557.68	-3445.48	-119.46	1.517e+04	7470.69	2.625e+04
		6.257e+04	3.992e+04	3.07e-04			0.0	950.32	-5671.52	-790.48	6142.96	6.159e+04	5.036e+05
							36.5	950.32	-3817.02	-790.48	6051.16	5.076e+04	2.358e+05
181	75	5.370e+05	3.715e+04	-0.02	-0.92		73.0	950.32	-2120.19	-790.48	5879.87	3.992e+04	6.257e+04
		7.411e+04	-5.875e+04	1.37e-03			0.0	1814.80	-5323.16	-677.81	4300.49	3.715e+04	5.370e+05
							36.5	1814.80	-3516.54	-677.81	4398.24	-1.080e+04	2.574e+05
181	78	2.830e+05	4.762e+04	0.01	-0.62		73.0	1814.80	-1868.76	-677.81	4451.62	-5.875e+04	7.411e+04
		2.423e+04	-2.389e+04	-1.53e-03			0.0	243.32	-9052.68	343.79	2.430e+04	-2.389e+04	2.830e+05
							36.5	243.32	-6305.62	343.79	2.194e+04	1.186e+04	1.221e+05
181	79	3.925e+05	9573.22	-0.01	-0.74		73.0	243.32	-3782.81	343.79	1.972e+04	4.762e+04	2.423e+04
		4.601e+04	-3470.89	-8.46e-05			0.0	911.87	-6912.73	-178.69	1.514e+04	9573.22	3.925e+05
							36.5	911.87	-4715.82	-178.69	1.399e+04	-3470.89	4.601e+04
181	81	4.508e+05	-245.00	-0.02	-0.82		73.0	911.87	-2704.19	-178.69	1.289e+04	-3470.89	4.601e+04
		5.655e+04	-1.045e+04	-7.69e-05			0.0	1302.50	-7830.02	-139.77	1.234e+04	-245.00	4.508e+05
							36.5	1302.50	-5366.67	-139.77	1.125e+04	-5346.60	2.106e+05
181	82	4.561e+05	269.70	-0.02	-0.83		73.0	1302.50	-1039.52	-139.77	1.021e+04	-1.045e+04	5.655e+04
		5.703e+04	-1.037e+04	-8.10e-05			0.0	1366.30	-7926.27	-145.72	1.232e+04	269.70	4.561e+05
							36.5	1366.30	-5431.34	-145.72	1.122e+04	-5049.15	2.129e+05
181	83	4.030e+05	1.060e+04	-0.01	-0.76		73.0	1366.30	-3144.56	-145.72	1.016e+04	-1.037e+04	5.703e+04
		4.698e+04	-3310.49	-9.28e-05			0.0	1039.47	-7105.24	-190.59	1.510e+04	1.060e+04	4.030e+05
							36.5	1039.47	-4845.16	-190.59	1.393e+04	3646.07	1.854e+05
181	86	3.925e+05	9573.22	-0.01	-0.74		73.0	1039.47	-2774.26	-190.59	1.280e+04	-3310.49	4.698e+04
		4.601e+04	-3470.89	-8.46e-05			0.0	911.87	-6912.73	-178.69	1.514e+04	9573.22	3.925e+05
							36.5	911.87	-4715.82	-178.69	1.399e+04	3051.16	1.808e+05
181	87	4.217e+05	4664.11	-0.02	-0.78		73.0	911.87	-2704.19	-178.69	1.289e+04	-3470.89	4.601e+04
		5.128e+04	-6959.54	-8.08e-05			0.0	1107.19	-7371.38	-159.23	1.374e+04	4664.11	4.217e+05
							36.5	1107.19	-5041.25	-159.23	1.262e+04	-1147.72	1.957e+05
181	88	3.946e+05	9779.10	-0.01	-0.75		73.0	1107.19	-2906.85	-159.23	1.155e+04	-6959.54	5.128e+04
		4.620e+04	-3438.81	-8.63e-05			0.0	937.39	-6951.23	-181.07	1.514e+04	9779.10	3.946e+05
							36.5	937.39	-4741.69	-181.07	1.398e+04	3170.14	1.817e+05
181	91	3.925e+05	9573.22	-0.01	-0.74		73.0	937.39	-2718.20	-181.07	1.287e+04	-3438.81	4.620e+04
		4.601e+04	-3470.89	-8.46e-05			0.0	911.87	-6912.73	-178.69	1.514e+04	9573.22	3.925e+05
							36.5	911.87	-4715.82	-178.69	1.399e+04	3051.16	1.808e+05
181	92	4.100e+05	6627.75	-0.01	-0.76		73.0	911.87	-2704.19	-178.69	1.289e+04	-3470.89	4.601e+04
		4.917e+04	-5564.08	-8.23e-05			0.0	1029.06	-7187.92	-167.01	1.430e+04	6627.75	4.100e+05
							36.5	1029.06	-4911.08	-167.01	1.317e+04	531.83	1.897e+05
182	1	1.157e+05	-3889.00	-0.03	-1.22		73.0	1029.06	-2825.79	-167.01	1.209e+04	-5564.08	4.917e+04
		-4.612e+05	-1.925e+04	-4.74e-04			0.0	-2391.54	-1.044e+04	-75.55	1.602e+04	-3889.00	1.157e+05
							101.7	-2391.54	-1183.29	-75.55	1.068e+04	-1.157e+04	-4.525e+05
182	4	1.448e+05	-1.417e+04	-0.03	-1.37		203.3	-2391.54	6548.39	-75.55	5769.28	-1.925e+04	-1.775e+05
		-5.271e+05	-2.244e+04	-6.89e-04			0.0	-2244.09	-1.207e+04	-40.67	1.300e+04	-1.417e+04	1.448e+05
							101.7	-2244.09	-1451.03	-40.67	7838.55	-1.830e+04	5.160e+05
182	11	1.363e+05	-1.090e+04	-0.03	-1.35		203.3	-2244.09	7365.59	-40.67	2988.05	-2.244e+04	-2.122e+05
		-5.177e+05	-2.245e+04	-6.47e-04			0.0	-2212.60	-1.179e+04	-56.81	1.384e+04	-1.090e+04	1.363e+05
							101.7	-2212.60	-1376.58	-56.81	8523.99	-1.667e+04	-5.074e+05
182	12	8.491e+04	-1182.43	-0.02	-0.95		203.3	-2212.60	7311.04	-56.81	3548.07	-2.245e+04	-2.031e+05
		-3.622e+05	-1.593e+04	-3.71e-04			0.0	-1726.58	-8134.48	-72.53	1.259e+04	-1182.43	8.491e+04
							101.7	-1726.58	-880.32	-72.53	8305.86	-8556.48	-3.560e+05
182	14	1.052e+05	-8478.49	-0.02	-1.04		203.3	-1726.58	5231.42	-72.53	4350.18	-1.593e+04	-1.335e+05
		-4.027e+05	-1.764e+04	-5.09e-04			0.0	-1664.13	-9158.79	-45.06	1.052e+04	-8478.49	1.052e+05
							101.7	-1664.13	-1064.58	-45.06	6406.85	-1.306e+04	-3.948e+05
182	28	1.316e+05	-5539.97	-0.02	-0.93		203.3	-1664.13	5700.83	-45.06	2551.04	-1.764e+04	-1.571e+05
		-3.708e+05	-1.287e+04	-8.75e-04			0.0	-839.60	-8073.75	66.26	1.355e+04	-1.287e+04	1.316e+05
							101.7	-839.60	-628.78	66.26	8607.55	-9203.08	-3.590e+05
182	29	5.424e+04	4037.93	0.02	-0.98		203.3	-839.60	5601.01	66.26	4419.14	-5539.97	-1.137e+05
		-3.543e+05	-2.474e+04	1.14e-04			0.0	-2806.99	-8383.94	-171.74	1.023e+04	4037.93	5.424e+04
							101.7	-2806.99	-1263.09	-171.74	7039.97	-1.035e+04	-3.522e+05
182	39	1.862e+05	-4.422e+04	-0.03	-1.11		203.3	-2806.99	4655.53	-171.74	3719.32	-2.474e+04	-1.684e+05
		-3.227e+05	-6.884e+04	1.05e-03			0.0	-1893.05	-6424.02	-198.03	2545.86	-4.422e+04	1.862e+05
							101.7	-1893.05	-226.99	-198.03	2013.08	-5.653e+04	-3.223e+05
182	42	-357.75	3.856e+04	0.01	-0.80		203.3	-1893.05	5404.00	-198.03	-58.95	-6.884e+04	-7.195e+04
		-4.066e+05	3.539e+04	-1.83e-03			0.0	-1753.54	-1.003e+04	92.55	2.123e+04	3.539e+04	-357.75
							101.7	-1753.54	-1664.88	92.55	1.363e+04	3.698e+04	-3.889e+05
182	43	1.874e+05	-4.646e+04	-0.03	-1.11		203.3	-1753.54	4852.54	92.55	8197.41	3.856e+04	-2.102e+05
		-3.228e+05	-6.878e+04	1.02e-03			0.0	-1878.20	-6421.58	-188.42	2920.38	-4.646e+04	1.874e+05
							101.7	-1878.20	-218.58	-188.42	2480.57	-5.762e+04	-3.215e+05
182	60	1.421e+05	-2947.49	-0.02	-0.92		203.3	-1878.20	5423.80	-188.42	497.51	-6.878e+04	-7.131e+04
		-3.731e+05	-1.515e+04	-1.01e-03			0.0	-573.75	-8031.98	98.41	1.400e+04	-1.515e+04	1.421e+05
							101.7	-573.75	-543.09	98.41	8823.48	-9048.44	-3.599e+05
182	61	4.379e+04	6321.13	0.02	-0.98		203.3	-573.75	5728.74	98.41	4517.94	-2947.49	-1.063e+05
		-3.526e+05	-2.733e+04	2.25e-04			0.0	-3072.85	-8425.72	-203.89	9782.54	6321.13	4.379e+04
							101.7	-3072.85	-1348.78	-203.89	6824.04	-1.050e+04	-3.513e+05
							203.3	-3072.85	4527.80	-203.89	3620.52	-2.733e+04	-1.758e+05

182	71	2.114e+05-5.498e+04	-0.03	-1.15	0.0	-1911.99	-5936.35	-237.33	20.96-5.498e+04	2.114e+05
		-3.133e+05-8.335e+04	1.43e-03		101.7	-1911.99	-32.71	-237.33	442.85-6.916e+04	-3.133e+05
					203.3	-1911.99	5478.71	-237.33	-1174.75-8.335e+04	-5.327e+04
182	74	-2.557e+04 5.307e+04	0.01	-0.77	0.0	-1734.60	-1.052e+04	131.85	2.376e+04 4.615e+04	-2.557e+04
		-4.192e+05 4.615e+04	-2.21e-03		101.7	-1734.60	-1859.17	131.85	1.520e+04 4.961e+04	-3.979e+05
					203.3	-1734.60	4777.83	131.85	9313.22 5.307e+04	-2.289e+05
182	75	2.130e+05-5.782e+04	-0.03	-1.15	0.0	-1893.13	-5933.25	-225.13	497.22-5.782e+04	2.130e+05
		-3.123e+05-8.328e+04	1.40e-03		101.7	-1893.13	-22.02	-225.13	1037.39-7.055e+04	-3.123e+05
					203.3	-1893.13	5503.88	-225.13	-467.12-8.328e+04	-5.245e+04
182	79	8.713e+04 -2329.54	-0.02	-0.93	0.0	-1841.14	-7936.19	-60.59	1.248e+04 -2329.54	8.713e+04
		-3.510e+05-1.465e+04	-3.52e-04		101.7	-1841.14	-893.29	-60.59	8366.33 -8489.43	-3.445e+05
					203.3	-1841.14	4994.16	-60.59	4583.27-1.465e+04	-1.343e+05
182	82	1.065e+05 -9182.66	-0.03	-1.03	0.0	-1742.83	-9019.12	-37.33	1.047e+04 -9182.66	1.065e+05
		-3.950e+05-1.677e+04	-4.95e-04		101.7	-1742.83	-1071.78	-37.33	6472.13-1.298e+04	-3.868e+05
					203.3	-1742.83	5538.96	-37.33	2729.12-1.677e+04	-1.575e+05
182	83	8.729e+04 -2138.53	-0.02	-0.95	0.0	-1763.47	-8150.98	-66.41	1.242e+04 -2138.53	8.729e+04
		-3.617e+05-1.564e+04	-3.76e-04		101.7	-1763.47	-899.32	-66.41	8195.10 -8890.14	-3.553e+05
					203.3	-1763.47	5189.66	-66.41	4301.89-1.564e+04	-1.356e+05
182	85	1.008e+05 -7002.57	-0.02	-1.01	0.0	-1721.84	-8833.85	-48.09	1.103e+04 -7002.57	1.008e+05
		-3.887e+05-1.678e+04	-4.68e-04		101.7	-1721.84	-1022.15	-48.09	6929.09-1.189e+04	-3.811e+05
					203.3	-1721.84	5502.59	-48.09	3102.47-1.678e+04	-1.514e+05
182	86	8.713e+04 -2329.54	-0.02	-0.93	0.0	-1841.14	-7936.19	-60.59	1.248e+04 -2329.54	8.713e+04
		-3.510e+05-1.465e+04	-3.52e-04		101.7	-1841.14	-893.29	-60.59	8366.33 -8489.43	-3.445e+05
					203.3	-1841.14	4994.16	-60.59	4583.27-1.465e+04	-1.343e+05
182	87	9.679e+04 -5803.86	-0.02	-0.97	0.0	-1811.40	-8423.96	-47.51	1.150e+04 -5803.86	9.679e+04
		-3.703e+05-1.546e+04	-4.18e-04		101.7	-1811.40	-981.03	-47.51	7462.04-1.063e+04	-3.630e+05
					203.3	-1811.40	5217.68	-47.51	3726.54-1.546e+04	-1.456e+05
182	88	8.716e+04 -2291.34	-0.02	-0.93	0.0	-1825.60	-7979.15	-61.75	1.247e+04 -2291.34	8.716e+04
		-3.531e+05-1.485e+04	-3.57e-04		101.7	-1825.60	-894.50	-61.75	8332.09 -8569.57	-3.466e+05
					203.3	-1825.60	5033.26	-61.75	4527.00-1.485e+04	-1.346e+05
182	90	9.296e+04 -4375.93	-0.02	-0.96	0.0	-1807.76	-8271.81	-53.90	1.188e+04 -4375.93	9.296e+04
		-3.647e+05-1.534e+04	-3.96e-04		101.7	-1807.76	-947.14	-53.90	7789.51 -9856.07	-3.577e+05
					203.3	-1807.76	5167.37	-53.90	4012.96-1.534e+04	-1.413e+05
182	91	8.713e+04 -2329.54	-0.02	-0.93	0.0	-1841.14	-7936.19	-60.59	1.248e+04 -2329.54	8.713e+04
		-3.510e+05-1.465e+04	-3.52e-04		101.7	-1841.14	-893.29	-60.59	8366.33 -8489.43	-3.445e+05
					203.3	-1841.14	4994.16	-60.59	4583.27-1.465e+04	-1.343e+05
182	92	9.293e+04 -4414.13	-0.02	-0.95	0.0	-1823.30	-8228.85	-52.74	1.189e+04 -4414.13	9.293e+04
		-3.626e+05-1.514e+04	-3.92e-04		101.7	-1823.30	-945.94	-52.74	7823.76 -9775.93	-3.556e+05
					203.3	-1823.30	5128.27	-52.74	4069.23-1.514e+04	-1.411e+05
183	3	5.528e+04 -1.960e+04	2.96e-03	-1.04	0.0	-2346.62	1540.54	51.17	3361.96-2.158e+04	-6.887e+04
		-6.887e+04-2.158e+04	-2.12e-04		19.3	-2346.62	3205.99	51.17	2475.51-2.059e+04	-2.303e+04
					38.7	-2346.62	4900.21	51.17	1592.61-1.960e+04	5.528e+04
183	5	4.571e+04 -1.375e+04	2.11e-03	-0.72	0.0	-1781.21	1114.90	17.54	4692.48-1.442e+04	-4.095e+04
		-4.095e+04-1.442e+04	-1.10e-04		19.3	-1781.21	2237.71	17.54	3997.60-1.409e+04	-8572.32
					38.7	-1781.21	3381.10	17.54	3308.47-1.375e+04	4.571e+04
183	9	6.723e+04 -1.962e+04	2.97e-03	-0.99	0.0	-2223.38	1555.11	27.76	5307.29-2.069e+04	-5.322e+04
		-5.322e+04-2.069e+04	-1.65e-04		19.3	-2223.38	3110.20	27.76	4372.15-2.015e+04	-8164.21
					38.7	-2223.38	4694.24	27.76	3443.29-1.962e+04	6.723e+04
183	11	6.484e+04 -2.063e+04	3.10e-03	-1.05	0.0	-2234.83	1608.12	44.43	3666.67-2.234e+04	-6.235e+04
		-6.235e+04-2.234e+04	-2.05e-04		19.3	-2234.83	3284.30	44.43	2742.45-2.148e+04	-1.511e+04
					38.7	-2234.83	4990.67	44.43	1822.16-2.063e+04	6.484e+04
183	12	5.424e+04 -1.521e+04	2.32e-03	-0.75	0.0	-1674.33	1205.20	17.94	4294.06-1.590e+04	-3.835e+04
		-3.835e+04-1.590e+04	-1.21e-04		19.3	-1674.33	2390.63	17.94	3566.09-1.555e+04	-3621.46
					38.7	-1674.33	3598.61	17.94	2843.24-1.521e+04	5.424e+04
183	39	7.387e+04 -6.426e+04	-2.15e-03	-0.81	0.0	-2209.96	1416.08	137.64	-191.24-6.865e+04	-2.272e+04
		-2.272e+04-6.865e+04	-4.30e-05		19.3	-2209.96	2521.09	137.64	-799.64-6.645e+04	1.491e+04
					38.7	-2209.96	3702.00	137.64	-1569.10-6.426e+04	7.387e+04
183	42	1.556e+04 3.846e+04	3.02e-03	-0.68	0.0	-1371.78	857.44	-89.07	8295.64 3.846e+04	-6.664e+04
		-6.664e+04 3.594e+04	-2.10e-04		19.3	-1371.78	2095.77	-89.07	7521.64 3.720e+04	-3.774e+04
					38.7	-1371.78	3300.28	-89.07	6918.37 3.594e+04	1.556e+04
183	43	7.420e+04 -6.398e+04	-2.43e-03	-0.82	0.0	-2196.16	1424.50	143.08	342.91-6.860e+04	-2.280e+04
		-2.280e+04-6.860e+04	-5.73e-05		19.3	-2196.16	2532.36	143.08	-248.15-6.629e+04	1.501e+04
					38.7	-2196.16	3716.31	143.08	-1000.79-6.398e+04	7.420e+04
183	44	2.743e+04 3.484e+04	-3.26e-03	-0.68	0.0	-1076.32	1059.01	-66.95	7389.04 3.484e+04	-6.285e+04
		-6.285e+04 3.296e+04	-2.17e-04		19.3	-1076.32	2305.85	-66.95	6602.01 3.390e+04	-3.000e+04
					38.7	-1076.32	3520.12	-66.95	5983.03 3.296e+04	2.743e+04
183	45	6.199e+04 -6.128e+04	2.40e-03	-0.81	0.0	-2505.42	1214.51	115.52	715.35-6.503e+04	-2.652e+04
		-2.652e+04-6.503e+04	-3.63e-05		19.3	-2505.42	2311.01	115.52	120.00-6.316e+04	7173.22
					38.7	-2505.42	3482.16	115.52	-633.75-6.128e+04	6.199e+04
183	71	8.175e+04 -7.780e+04	-2.15e-03	-0.83	0.0	-2323.26	1491.61	168.27	-1338.22-8.313e+04	-1.679e+04
		-1.679e+04-8.313e+04	-2.04e-05		19.3	-2323.26	2578.67	168.27	-1924.27-8.046e+04	-2.202e+04
					38.7	-2323.26	3756.45	168.27	-2716.17-7.780e+04	8.175e+04
183	74	7675.41 5.293e+04	3.25e-03	-0.67	0.0	-1258.48	781.91	-119.70	9442.62 5.293e+04	-7.258e+04
		-7.258e+04 4.948e+04	-2.33e-04		19.3	-1258.48	2038.20	-119.70	8646.27 5.121e+04	-4.485e+04
					38.7	-1258.48	3245.83	-119.70	8065.45 4.948e+04	7675.41
183	75	8.218e+04 -7.745e+04	-2.50e-03	-0.84	0.0	-2305.71	1502.31	175.18	-659.03-8.306e+04	-1.689e+04
		-1.689e+04-8.306e+04	-3.85e-05		19.3	-2305.71	2592.98	175.18	-1223.06-8.026e+04	2.215e+04

183	76	2.276e+04	4.834e+04	-3.56e-03	-0.68	38.7	-2305.71	3774.63	175.18	-1993.59	-7.745e+04	8.218e+04
		-6.776e+04	4.570e+04	-2.41e-04		0.0	-883.19	1037.95	-91.61	8292.40	4.834e+04	-6.776e+04
183	77	6.666e+04	-7.402e+04	2.47e-03	-0.82	19.3	-883.19	2305.05	-91.61	7479.47	4.702e+04	-3.502e+04
		-2.161e+04	-7.853e+04	-1.19e-05		38.7	-883.19	3525.09	-91.61	6878.68	4.570e+04	2.276e+04
183	79	4.540e+04	-1.387e+04	2.12e-03	-0.73	0.0	-2698.55	1235.57	140.18	-188.00	-7.853e+04	-2.161e+04
		-4.207e+04	-1.463e+04	-1.15e-04		19.3	-2698.55	2311.81	140.18	-757.47	-7.627e+04	1.220e+04
183	81	4.311e+04	-1.483e+04	2.25e-03	-0.79	38.7	-2698.55	3477.20	140.18	-1529.40	-7.402e+04	6.666e+04
		-5.077e+04	-1.620e+04	-1.53e-04		0.0	-1787.60	1121.61	19.52	4520.95	-1.463e+04	-4.207e+04
183	83	5.108e+04	-1.484e+04	2.26e-03	-0.75	19.3	-1787.60	2258.69	19.52	3826.63	-1.425e+04	-9429.31
		-4.034e+04	-1.561e+04	-1.22e-04		38.7	-1787.60	3416.44	19.52	3137.82	-1.387e+04	4.540e+04
183	85	4.949e+04	-1.552e+04	2.34e-03	-0.79	0.0	-1798.50	1172.10	35.39	2958.45	-1.620e+04	-5.077e+04
		-4.643e+04	-1.671e+04	-1.49e-04		19.3	-1798.50	2424.50	35.39	2274.53	-1.552e+04	-1.604e+04
183	86	4.540e+04	-1.387e+04	2.12e-03	-0.73	38.7	-1798.50	3698.77	35.39	1593.88	-1.483e+04	4.311e+04
		-4.207e+04	-1.463e+04	-1.15e-04		0.0	-1716.34	1181.81	19.79	4255.34	-1.561e+04	-4.034e+04
183	87	4.426e+04	-1.435e+04	2.18e-03	-0.76	19.3	-1716.34	2360.64	19.79	3538.96	-1.523e+04	-6128.73
		-4.642e+04	-1.541e+04	-1.34e-04		38.7	-1716.34	3561.45	19.79	2827.67	-1.484e+04	5.108e+04
183	88	4.653e+04	-1.407e+04	2.15e-03	-0.73	0.0	-1723.98	1217.16	30.90	3161.59	-1.671e+04	-4.643e+04
		-4.173e+04	-1.482e+04	-1.17e-04		19.3	-1723.98	2476.70	30.90	2452.49	-1.611e+04	-1.076e+04
183	91	4.540e+04	-1.387e+04	2.12e-03	-0.73	38.7	-1723.98	3759.08	30.90	1746.91	-1.552e+04	4.949e+04
		-4.207e+04	-1.463e+04	-1.15e-04		0.0	-1787.60	1121.61	19.52	4520.95	-1.463e+04	-4.207e+04
183	92	4.471e+04	-1.416e+04	2.16e-03	-0.74	19.3	-1787.60	2258.69	19.52	3826.63	-1.425e+04	-9429.31
		-4.468e+04	-1.510e+04	-1.27e-04		38.7	-1787.60	3416.44	19.52	3137.82	-1.387e+04	4.540e+04
184	1	8.907e+04	-1.464e+04	-3.20e-03	-0.98	0.0	-1790.87	1136.76	24.28	4052.20	-1.510e+04	-4.468e+04
		4.558e+04	-1.800e+04	-2.39e-04		19.3	-1790.87	2308.43	24.28	3361.00	-1.463e+04	-1.141e+04
184	5	6.830e+04	-1.117e+04	-2.42e-03	-0.74	38.7	-1790.87	3501.14	24.28	2674.64	-1.416e+04	4.471e+04
		3.573e+04	-1.363e+04	-1.73e-04		0.0	-2047.12	-1440.21	66.12	3880.04	-1.800e+04	5.855e+04
184	7	6.974e+04	-1.177e+04	-2.74e-03	-0.84	25.4	-2047.12	594.35	66.12	2713.01	-1.632e+04	4.772e+04
		3.133e+04	-1.504e+04	-2.51e-04		50.8	-2047.12	2669.59	66.12	1552.71	-1.464e+04	8.907e+04
184	11	9.853e+04	-1.631e+04	-3.59e-03	-1.08	0.0	-1568.68	-1089.22	48.44	3225.99	-1.363e+04	4.559e+04
		4.994e+04	-2.043e+04	-3.11e-04		25.4	-1568.68	442.12	48.44	2328.13	-1.240e+04	3.731e+04
184	14	7.776e+04	-1.284e+04	-2.82e-03	-0.84	50.8	-1568.68	2004.32	48.44	1436.03	-1.117e+04	6.830e+04
		4.010e+04	-1.606e+04	-2.45e-04		0.0	-1550.67	-1226.52	64.48	1352.97	-1.504e+04	4.216e+04
184	27	8.788e+04	-2.673e+04	-4.96e-03	-0.80	25.4	-1550.67	537.52	64.48	466.67	-1.341e+04	3.333e+04
		5.876e+04	-3.308e+04	-2.39e-04		50.8	-1550.67	2336.42	64.48	-418.47	-1.177e+04	6.974e+04
184	28	8.038e+04	-2137.25	-5.12e-03	-0.76	0.0	-1934.12	-1625.23	81.11	2148.96	-2.043e+04	6.466e+04
		4.646e+04	-3998.81	-2.43e-04		25.4	-1934.12	659.55	81.11	944.80	-1.837e+04	5.230e+04
184	29	5.704e+04	-2.054e+04	4.95e-03	-0.77	50.8	-1934.12	2990.01	81.11	-257.03	-1.631e+04	9.853e+04
		2.242e+04	-2.406e+04	-1.47e-04		0.0	-1455.67	-1274.24	63.43	1494.92	-1.606e+04	5.170e+04
184	39	8.558e+04	-5.364e+04	-2.69e-03	-0.84	25.4	-1455.67	507.32	63.43	559.91	-1.445e+04	4.189e+04
		5.997e+04	-6.411e+04	-1.79e-04		50.8	-1455.67	2324.73	63.43	-373.71	-1.284e+04	7.776e+04
184	42	5.184e+04	3.605e+04	3.26e-03	-0.71	0.0	-1171.57	-966.43	136.68	995.42	-3.308e+04	7.194e+04
		8221.89	3.096e+04	-2.11e-04		25.4	-1171.57	631.93	136.68	193.40	-2.991e+04	5.944e+04
184	46	5.157e+04	3.580e+04	3.56e-03	-0.70	50.8	-1171.57	2264.62	136.68	-692.68	-2.673e+04	8.788e+04
		7955.39	3.058e+04	-1.87e-04		0.0	-872.79	-1034.82	43.85	3326.35	-3998.81	5.792e+04
184	59	9.307e+04	-3.089e+04	-5.62e-03	-0.81	25.4	-872.79	502.69	43.85	2361.03	-3068.03	4.791e+04
		6.520e+04	-3.824e+04	-2.51e-04		50.8	-872.79	2072.91	43.85	1469.10	-2137.25	8.038e+04
184	60	8.353e+04	349.27	-5.82e-03	-0.76	0.0	-2264.18	-1219.61	62.19	2103.60	-2.406e+04	3.126e+04
		4.970e+04	-1288.61	-2.55e-04		25.4	-2264.18	436.75	62.19	1277.98	-2.230e+04	2.444e+04
184	61	5.389e+04	-2.303e+04	5.61e-03	-0.77	50.8	-2264.18	2124.20	62.19	388.01	-2.054e+04	5.704e+04
		1.914e+04	-2.677e+04	-1.34e-04		0.0	-1918.62	-980.69	215.38	-1854.80	-6.411e+04	7.372e+04
184	71	9.014e+04	-6.508e+04	-2.74e-03	-0.85	25.4	-1918.62	712.96	215.38	-2501.06	-5.888e+04	6.039e+04
						50.8	-1918.62	2441.67	215.38	-3407.00	-5.364e+04	8.558e+04
						0.0	-1218.35	-1273.73	-109.35	7284.75	3.605e+04	1.546e+04
						25.4	-1218.35	226.48	-109.35	6140.08	3.351e+04	1.196e+04
						50.8	-1218.35	1755.44	-109.35	5264.10	3.096e+04	5.184e+04
						0.0	-1234.41	-1279.17	-112.88	6766.09	3.580e+04	1.513e+04
						25.4	-1234.41	225.05	-112.88	5594.92	3.319e+04	1.171e+04
						50.8	-1234.41	1757.98	-112.88	4693.61	3.058e+04	5.157e+04
						0.0	-1064.32	-922.97	159.29	532.72	-3.824e+04	7.933e+04
						25.4	-1064.32	675.74	159.29	-244.05	-3.456e+04	6.572e+04
						50.8	-1064.32	2309.44	159.29	-1128.83	-3.089e+04	9.307e+04
						0.0	-684.78	-1009.85	41.37	3493.85	-1288.61	6.152e+04
						25.4	-684.78	511.58	41.37	2509.67	-469.67	5.108e+04
						50.8	-684.78	2065.93	41.37	1617.45	349.27	8.353e+04
						0.0	-2452.19	-1244.58	64.66	1936.11	-2.677e+04	2.766e+04
						25.4	-2452.19	427.85	64.66	1129.35	-2.490e+04	2.127e+04
						50.8	-2452.19	2131.17	64.66	239.66	-2.303e+04	5.389e+04
						0.0	-2013.27	-941.09	259.26	-3090.01	-7.765e+04	8.159e+04

		6.672e+04	-7.765e+04	-1.74e-04		25.4	-2013.27	778.68	259.26	-3668.97	-7.137e+04	6.694e+04
184	74	4.728e+04	4.959e+04	3.46e-03	-0.70	50.8	-2013.27	2534.37	259.26	-4578.95	-6.508e+04	9.014e+04
		1033.66	4.240e+04	-2.15e-04		0.0	-1123.70	-1313.34	-153.23	8519.97	4.959e+04	7592.74
						25.4	-1123.70	160.76	-153.23	7307.99	4.599e+04	5411.07
184	78	4.694e+04	4.927e+04	3.85e-03	-0.70	50.8	-1123.70	1662.74	-153.23	6436.06	4.240e+04	4.728e+04
		681.89	4.191e+04	-1.85e-04		0.0	-1144.10	-1320.25	-157.71	7860.70	4.927e+04	7168.30
						25.4	-1144.10	158.94	-157.71	6615.05	4.559e+04	5098.45
184	79	6.842e+04	-1.122e+04	-2.44e-03	-0.75	50.8	-1144.10	1665.97	-157.71	5710.95	4.191e+04	4.694e+04
		3.535e+04	-1.375e+04	-1.79e-04		0.0	-1572.09	-1099.75	49.81	3089.58	-1.375e+04	4.528e+04
						25.4	-1572.09	450.64	49.81	2191.80	-1.248e+04	3.697e+04
184	81	6.938e+04	-1.162e+04	-2.65e-03	-0.81	50.8	-1572.09	2032.13	49.81	1299.45	-1.122e+04	6.842e+04
		3.242e+04	-1.469e+04	-2.31e-04		0.0	-1560.08	-1191.29	60.50	1840.90	-1.122e+04	6.842e+04
						25.4	-1560.08	514.24	60.50	950.83	-1.316e+04	3.432e+04
184	85	7.473e+04	-1.234e+04	-2.71e-03	-0.82	50.8	-1560.08	2253.53	60.50	63.12	-1.162e+04	6.938e+04
		3.826e+04	-1.537e+04	-2.27e-04		0.0	-1496.75	-1223.10	59.80	1935.53	-1.537e+04	4.935e+04
						25.4	-1496.75	494.10	59.80	1012.99	-1.385e+04	4.002e+04
184	86	6.842e+04	-1.122e+04	-2.44e-03	-0.75	50.8	-1496.75	2245.75	59.80	92.96	-1.234e+04	7.473e+04
		3.535e+04	-1.375e+04	-1.79e-04		0.0	-1572.09	-1099.75	49.81	3089.58	-1.375e+04	4.528e+04
						25.4	-1572.09	450.64	49.81	2191.80	-1.248e+04	3.697e+04
184	87	6.890e+04	-1.142e+04	-2.55e-03	-0.78	50.8	-1572.09	2032.13	49.81	1299.45	-1.122e+04	6.842e+04
		3.389e+04	-1.422e+04	-2.05e-04		0.0	-1566.08	-1145.52	55.15	2465.24	-1.422e+04	4.413e+04
						25.4	-1566.08	482.44	55.15	1571.32	-1.282e+04	3.564e+04
184	90	6.984e+04	-1.151e+04	-2.53e-03	-0.77	50.8	-1566.08	2142.83	55.15	681.29	-1.142e+04	6.890e+04
		3.546e+04	-1.422e+04	-1.97e-04		0.0	-1555.10	-1139.07	53.52	2658.98	-1.422e+04	4.573e+04
						25.4	-1555.10	469.51	53.52	1757.48	-1.287e+04	3.716e+04
184	91	6.842e+04	-1.122e+04	-2.44e-03	-0.75	50.8	-1555.10	2110.28	53.52	860.34	-1.151e+04	6.984e+04
		3.535e+04	-1.375e+04	-1.79e-04		0.0	-1572.09	-1099.75	49.81	3089.58	-1.375e+04	4.528e+04
						25.4	-1572.09	450.64	49.81	2191.80	-1.248e+04	3.697e+04
184	92	6.871e+04	-1.134e+04	-2.51e-03	-0.77	50.8	-1572.09	2032.13	49.81	1299.45	-1.122e+04	6.842e+04
		3.447e+04	-1.403e+04	-1.95e-04		0.0	-1568.49	-1127.21	53.02	2714.98	-1.403e+04	4.459e+04
						25.4	-1568.49	469.72	53.02	1819.51	-1.269e+04	3.617e+04
185	1	8.907e+04	-9017.45	-2.30e-03	-1.01	50.8	-1568.49	2098.55	53.02	928.55	-1.134e+04	6.871e+04
		4.086e+04	-1.439e+04	-2.73e-04		0.0	-1875.79	-2830.65	105.90	1829.00	-1.439e+04	8.907e+04
						25.4	-1875.79	-720.62	105.90	672.89	-1.171e+04	4.392e+04
185	5	6.830e+04	-6916.72	-1.73e-03	-0.76	50.8	-1875.79	1418.49	105.90	-481.55	-9017.45	5.273e+04
		3.171e+04	-1.098e+04	-1.98e-04		0.0	-1440.97	-2139.50	80.09	1585.91	-1.098e+04	6.830e+04
						25.4	-1440.97	-551.00	80.09	697.56	-8949.70	3.410e+04
185	7	6.974e+04	-7056.67	-2.07e-03	-0.86	50.8	-1440.97	1059.39	80.09	-189.06	-6916.72	4.051e+04
		2.956e+04	-1.155e+04	-2.78e-04		0.0	-1396.81	-2408.13	88.49	189.44	-1.155e+04	6.974e+04
						25.4	-1396.81	-578.74	88.49	-695.99	-9302.90	3.177e+04
185	11	9.853e+04	-9971.41	-2.61e-03	-1.11	50.8	-1396.81	1276.83	88.49	-1583.14	-7056.67	4.058e+04
		4.457e+04	-1.602e+04	-3.49e-04		0.0	-1770.05	-3173.94	119.14	400.43	-1.602e+04	9.853e+04
						25.4	-1770.05	-804.28	119.14	-801.21	-1.300e+04	4.796e+04
185	14	7.776e+04	-7870.69	-2.04e-03	-0.86	50.8	-1770.05	1598.30	119.14	-2004.85	-9971.41	5.798e+04
		3.542e+04	-1.261e+04	-2.74e-04		0.0	-1335.23	-2482.79	93.33	157.34	-1.261e+04	7.776e+04
						25.4	-1335.23	-634.66	93.33	-776.54	-1.024e+04	3.814e+04
185	24	8.068e+04	155.00	-4.27e-03	-0.78	50.8	-1335.23	1239.21	93.33	-1712.36	-7870.69	4.576e+04
		3.884e+04	-1911.18	-2.23e-04		0.0	-808.82	-2057.25	50.36	1800.01	-1911.18	8.068e+04
						25.4	-808.82	-455.37	50.36	912.38	-878.09	4.205e+04
185	25	5.673e+04	-1.407e+04	4.27e-03	-0.79	50.8	-808.82	1164.80	50.36	96.19	155.00	4.728e+04
		2.325e+04	-2.038e+04	-2.19e-04		0.0	-2057.65	-2372.06	114.73	610.90	-2.038e+04	5.673e+04
						25.4	-2057.65	-661.48	114.73	-278.10	-1.722e+04	2.487e+04
185	27	8.788e+04	-1.804e+04	-4.25e-03	-0.82	50.8	-2057.65	1076.85	114.73	-1236.96	-1.407e+04	3.382e+04
		4.321e+04	-2.655e+04	-2.89e-04		0.0	-1080.11	-2008.43	179.64	-539.75	-2.655e+04	8.788e+04
						25.4	-1080.11	-357.87	179.64	-1297.10	-2.229e+04	4.753e+04
185	30	4.953e+04	4261.16	4.30e-03	-0.75	50.8	-1080.11	1323.34	179.64	-2136.56	-1.804e+04	4.955e+04
		1.844e+04	4123.73	-1.52e-04		0.0	-1786.36	-2420.89	-14.55	2950.65	4261.16	4.953e+04
						25.4	-1786.36	-758.98	-14.55	1931.37	4192.44	1.939e+04
185	31	8.456e+04	-3.860e+04	-2.22e-03	-0.86	50.8	-1786.36	918.32	-14.55	995.79	4123.73	3.156e+04
		4.100e+04	-5.355e+04	-3.35e-04		0.0	-1754.71	-2094.90	299.52	-3161.46	-5.355e+04	8.456e+04
						25.4	-1754.71	-362.19	299.52	-4029.94	-4.607e+04	4.559e+04
185	34	5.285e+04	3.125e+04	2.25e-03	-0.72	50.8	-1754.71	1419.73	299.52	-5168.54	-3.860e+04	4.645e+04
		2.043e+04	2.469e+04	-1.06e-04		0.0	-1111.76	-2334.41	-134.44	5572.37	3.125e+04	5.285e+04
						25.4	-1111.76	-754.67	-134.44	4664.22	2.797e+04	2.133e+04
185	56	8.392e+04	2077.17	-4.94e-03	-0.78	50.8	-1111.76	821.92	-134.44	4027.77	2.469e+04	3.465e+04
		4.093e+04	583.96	-2.24e-04		0.0	-640.09	-2014.70	41.67	1961.88	583.96	8.392e+04
						25.4	-640.09	-427.51	41.67	1074.44	1330.56	4.437e+04
185	57	5.350e+04	-1.599e+04	4.93e-03	-0.80	50.8	-640.09	1176.68	41.67	277.50	2077.17	4.910e+04
		2.110e+04	-2.288e+04	-2.18e-04		0.0	-2226.38	-2414.62	123.42	449.03	-2.288e+04	5.350e+04
						25.4	-2226.38	-689.34	123.42	-440.16	-1.943e+04	2.255e+04
185	59	9.307e+04	-2.103e+04	-4.90e-03	-0.83	50.8	-2226.38	1064.97	123.42	-1418.27	-1.599e+04	3.200e+04
		4.632e+04	-3.072e+04	-3.08e-04		0.0	-984.69	-1952.66	205.89	-1010.40	-3.072e+04	9.307e+04
						25.4	-984.69	-303.66	205.89	-1732.35	-2.588e+04	5.133e+04
185	62	4.435e+04	8426.97	4.97e-03	-0.75	50.8	-984.69	1378.05	205.89	-2558.84	-2.103e+04	5.198e+04
		1.495e+04	7118.49	-1.34e-04		0.0	-1881.78	-2476.66	-40.80	3421.30	8426.97	4.435e+04
						25.4	-1881.78	-813.19	-40.80	2366.63	7772.73	1.558e+04
						50.8	-1881.78	863.60	-40.80	1418.06	7118.49	2.912e+04

185	63	8.884e+04	-4.715e+04	-2.33e-03	-0.88	0.0	-1841.59	-2062.55	358.17	-4341.92	-6.501e+04	8.884e+04
		4.352e+04	-6.501e+04	-3.66e-04		25.4	-1841.59	-309.17	358.17	-5205.00	-5.608e+04	4.886e+04
						50.8	-1841.59	1500.48	358.17	-6411.39	-4.715e+04	4.805e+04
185	66	4.857e+04	4.271e+04	2.37e-03	-0.72	0.0	-1024.89	-2366.77	-193.08	6752.82	4.271e+04	4.857e+04
		1.743e+04	3.324e+04	-7.53e-05		25.4	-1024.89	-807.68	-193.08	5839.28	3.798e+04	1.805e+04
						50.8	-1024.89	741.17	-193.08	5270.62	3.324e+04	3.306e+04
185	79	6.842e+04	-6927.90	-1.75e-03	-0.77	0.0	-1442.07	-2160.93	80.86	1484.75	-1.103e+04	6.842e+04
		3.156e+04	-1.103e+04	-2.05e-04		25.4	-1442.07	-552.88	80.86	595.85	-8980.60	3.392e+04
						50.8	-1442.07	1077.34	80.86	-291.57	-6927.90	4.054e+04
185	81	6.938e+04	-7021.20	-1.98e-03	-0.83	0.0	-1412.63	-2340.02	86.46	553.76	-1.141e+04	6.938e+04
		3.012e+04	-1.141e+04	-2.58e-04		25.4	-1412.63	-571.37	86.46	-333.18	-9216.07	3.237e+04
						50.8	-1412.63	1222.30	86.46	-1220.95	-7021.20	4.058e+04
185	85	7.473e+04	-7563.88	-1.96e-03	-0.84	0.0	-1371.58	-2389.79	89.69	532.37	-1.212e+04	7.473e+04
		3.403e+04	-1.212e+04	-2.56e-04		25.4	-1371.58	-608.65	89.69	-386.89	-9840.67	3.662e+04
						50.8	-1371.58	1197.22	89.69	-1307.10	-7563.88	4.404e+04
185	86	6.842e+04	-6927.90	-1.75e-03	-0.77	0.0	-1442.07	-2160.93	80.86	1484.75	-1.103e+04	6.842e+04
		3.156e+04	-1.103e+04	-2.05e-04		25.4	-1442.07	-552.88	80.86	595.85	-8980.60	3.392e+04
						50.8	-1442.07	1077.34	80.86	-291.57	-6927.90	4.054e+04
185	87	6.890e+04	-6974.55	-1.87e-03	-0.80	0.0	-1427.35	-2250.48	83.66	1019.26	-1.122e+04	6.890e+04
		3.084e+04	-1.122e+04	-2.31e-04		25.4	-1427.35	-562.12	83.66	131.33	-9098.33	3.315e+04
						50.8	-1427.35	1149.82	83.66	-756.26	-6974.55	4.056e+04
185	90	6.983e+04	-7070.02	-1.83e-03	-0.79	0.0	-1423.26	-2235.36	83.52	1145.31	-1.131e+04	6.983e+04
		3.182e+04	-1.131e+04	-2.24e-04		25.4	-1423.26	-566.99	83.52	250.66	-9190.29	3.421e+04
						50.8	-1423.26	1124.51	83.52	-643.38	-7070.02	4.124e+04
185	91	6.842e+04	-6927.90	-1.75e-03	-0.77	0.0	-1442.07	-2160.93	80.86	1484.75	-1.103e+04	6.842e+04
		3.156e+04	-1.103e+04	-2.05e-04		25.4	-1442.07	-552.88	80.86	595.85	-8980.60	3.392e+04
						50.8	-1442.07	1077.34	80.86	-291.57	-6927.90	4.054e+04
185	92	6.871e+04	-6955.89	-1.82e-03	-0.79	0.0	-1433.24	-2214.66	82.54	1205.45	-1.115e+04	6.871e+04
		3.112e+04	-1.115e+04	-2.21e-04		25.4	-1433.24	-558.43	82.54	317.14	-9051.24	3.346e+04
						50.8	-1433.24	1120.83	82.54	-570.39	-6955.89	4.055e+04
186	1	5.273e+04	269.10	-2.37e-03	-1.03	0.0	-1466.85	-3538.73	138.57	172.28	-8524.62	5.273e+04
		-2.056e+04	-8524.62	-3.68e-04		31.7	-1466.85	-830.04	138.57	-1271.47	-4127.76	-1.668e+04
						63.5	-1466.85	1915.82	138.57	-2720.14	269.10	442.17
186	3	5.280e+04	218.74	-2.85e-03	-1.13	0.0	-1363.93	-3877.83	139.15	-698.89	-8611.62	5.280e+04
		-2.620e+04	-8611.62	-4.68e-04		31.7	-1363.93	-856.38	139.15	-2147.14	-4196.44	-2.243e+04
						63.5	-1363.93	2209.86	139.15	-3603.71	218.74	-1077.64
186	8	4.318e+04	75.68	-2.25e-03	-0.90	0.0	-1007.02	-3104.58	112.04	-861.66	-7034.51	4.318e+04
		-2.030e+04	-7034.51	-3.82e-04		31.7	-1007.02	-695.13	112.04	-2005.88	-3479.41	-1.719e+04
						63.5	-1007.02	1749.69	112.04	-3157.87	75.68	-560.52
186	11	5.798e+04	85.52	-2.71e-03	-1.14	0.0	-1344.12	-3959.83	149.33	-903.21	-9390.99	5.798e+04
		-2.374e+04	-9390.99	-4.66e-04		31.7	-1344.12	-916.96	149.33	-2412.90	-4652.74	-1.950e+04
						63.5	-1344.12	2168.45	149.33	-3931.93	85.52	233.97
186	18	3.194e+04	5684.65	2.96e-03	-0.78	0.0	-1272.20	-2873.42	-11.35	2843.38	5684.65	3.194e+04
		-2.270e+04	2419.65	6.89e-04		31.7	-1272.20	-717.89	-11.35	1751.88	4052.15	-2.036e+04
						63.5	-1272.20	1397.17	-11.35	802.08	2419.65	-3612.86
186	27	4.954e+04	-1824.20	-3.88e-03	-0.83	0.0	-908.45	-2643.70	222.20	-1750.04	-1.768e+04	4.954e+04
		-1.094e+04	-1.768e+04	-3.98e-04		31.7	-908.45	-561.54	222.20	-2629.85	-9751.01	-7111.76
						63.5	-908.45	1608.55	222.20	-3634.14	-1824.20	3957.51
186	31	4.645e+04	-1.160e+04	-2.33e-03	-0.88	0.0	-1467.30	-2641.44	410.50	-4139.29	-3.817e+04	4.645e+04
		-1.160e+04	-3.817e+04	-8.29e-04		31.7	-1467.30	-578.04	410.50	-4936.93	-2.489e+04	-7701.35
						63.5	-1467.30	1717.76	410.50	-6202.77	-1.160e+04	1945.46
186	34	3.465e+04	2.504e+04	2.13e-03	-0.74	0.0	-754.26	-2896.24	-197.35	4151.35	2.504e+04	3.465e+04
		-2.192e+04	1.199e+04	2.36e-04		31.7	-754.26	-706.05	-197.35	2728.01	1.851e+04	-1.958e+04
						63.5	-754.26	1311.22	-197.35	1764.31	1.199e+04	-1706.75
186	44	3.899e+04	2.282e+04	-2.46e-03	-0.75	0.0	-562.04	-2830.72	-186.37	4008.37	2.282e+04	3.899e+04
		-1.889e+04	1.180e+04	-1.01e-04		31.7	-562.04	-672.22	-186.37	2218.15	1.731e+04	-1.628e+04
						63.5	-562.04	1351.72	-186.37	766.55	1.180e+04	439.41
186	45	4.211e+04	-1.141e+04	2.48e-03	-0.87	0.0	-1659.53	-2706.96	399.53	-3996.31	-3.596e+04	4.211e+04
		-1.449e+04	-3.596e+04	-4.92e-04		31.7	-1659.53	-611.87	399.53	-4427.07	-2.368e+04	-1.100e+04
						63.5	-1659.53	1677.27	399.53	-5205.01	-1.141e+04	-200.70
186	50	2.961e+04	8996.69	3.24e-03	-0.77	0.0	-1315.79	-2901.68	-43.23	3610.38	8996.69	2.961e+04
		-2.434e+04	3022.60	9.55e-04		31.7	-1315.79	-738.39	-43.23	2524.03	6009.65	-2.218e+04
						63.5	-1315.79	1365.47	-43.23	1618.77	3022.60	-4621.41
186	59	5.198e+04	-2370.99	-4.42e-03	-0.84	0.0	-853.79	-2609.85	253.47	-2224.21	-2.068e+04	5.198e+04
		-9436.97	-2.068e+04	-4.26e-04		31.7	-853.79	-539.77	253.47	-3041.68	-1.153e+04	-5347.24
						63.5	-853.79	1633.96	253.47	-4016.12	-2370.99	4994.87
186	63	4.805e+04	-1.479e+04	-2.45e-03	-0.90	0.0	-1563.66	-2607.01	492.65	-5260.76	-4.672e+04	4.805e+04
		-1.028e+04	-4.672e+04	-9.73e-04		31.7	-1563.66	-560.74	492.65	-5973.90	-3.075e+04	-6096.39
						63.5	-1563.66	1772.69	492.65	-7280.44	-1.479e+04	2438.91
186	66	3.306e+04	3.358e+04	2.20e-03	-0.73	0.0	-657.90	-2930.67	-279.49	5272.83	3.358e+04	3.306e+04
		-2.335e+04	1.518e+04	3.80e-04		31.7	-657.90	-723.35	-279.49	3764.98	2.438e+04	-2.118e+04
						63.5	-657.90	1256.29	-279.49	2841.98	1.518e+04	-2200.20
186	76	3.857e+04	3.077e+04	-2.62e-03	-0.74	0.0	-413.74	-2847.48	-265.55	5090.16	3.077e+04	3.857e+04
		-1.950e+04	1.493e+04	-4.86e-05		31.7	-413.74	-680.39	-265.55	3116.28	2.285e+04	-1.699e+04
						63.5	-413.74	1307.72	-265.55	1573.68	1.493e+04	525.65
186	77	4.254e+04	-1.454e+04	2.64e-03	-0.88	0.0	-1807.82	-2690.21	478.70	-5078.09	-4.391e+04	4.254e+04
		-1.395e+04	-4.391e+04	-5.44e-04		31.7	-1807.82	-603.70	478.70	-5325.20	-2.922e+04	-1.029e+04

186	79	4.054e+04	204.05	-1.80e-03	-0.79	63.5	-1807.82	1721.26	478.70	-6012.15	-1.454e+04	-286.94
		-1.548e+04	-6551.91	-2.76e-04		0.0	-1131.37	-2701.02	106.46	180.27	-6551.91	4.054e+04
186	81	4.058e+04	170.47	-2.12e-03	-0.85	31.7	-1131.37	-636.78	106.46	-929.33	-3173.93	-1.249e+04
		-1.924e+04	-6609.91	-3.43e-04		63.5	-1131.37	1455.69	106.46	-2042.52	204.05	423.32
186	82	4.232e+04	121.03	-2.12e-03	-0.87	0.0	-1062.75	-2927.09	106.85	-400.51	-6609.91	4.058e+04
		-1.898e+04	-6878.40	-3.52e-04		31.7	-1062.75	-654.34	106.85	-1513.11	-3219.72	-1.632e+04
186	85	4.404e+04	81.66	-2.03e-03	-0.86	63.5	-1062.75	1651.71	106.85	-2631.57	170.47	-589.89
		-1.760e+04	-7129.49	-3.42e-04		0.0	-1045.85	-2988.33	110.30	-555.73	-6878.40	4.232e+04
186	86	4.054e+04	204.05	-1.80e-03	-0.79	31.7	-1045.85	-677.16	110.30	-1689.26	-3378.69	-1.592e+04
		-1.548e+04	-6551.91	-2.76e-04		63.5	-1045.85	1667.31	110.30	-2829.33	121.03	-304.67
186	87	4.056e+04	187.26	-1.96e-03	-0.82	0.0	-1049.55	-2981.75	113.63	-536.72	-7129.49	4.404e+04
		-1.736e+04	-6580.91	-3.10e-04		31.7	-1049.55	-694.72	113.63	-1690.28	-3523.92	-1.437e+04
186	90	4.124e+04	174.20	-1.89e-03	-0.81	63.5	-1049.55	1624.10	113.63	-2850.38	81.66	284.51
		-1.651e+04	-6676.71	-3.00e-04		0.0	-1131.37	-2701.02	106.46	180.27	-6551.91	4.054e+04
186	91	4.054e+04	204.05	-1.80e-03	-0.79	31.7	-1131.37	-636.78	106.46	-929.33	-3173.93	-1.249e+04
		-1.548e+04	-6551.91	-2.76e-04		63.5	-1131.37	1455.69	106.46	-2042.52	204.05	423.32
186	92	4.055e+04	193.98	-1.89e-03	-0.81	0.0	-1110.78	-2768.84	106.58	6.03	-6569.31	4.055e+04
		-1.661e+04	-6569.31	-2.96e-04		31.7	-1110.78	-642.05	106.58	-1104.46	-3187.67	-1.364e+04
187	1	2879.19	5420.87	-1.62e-03	-1.05	63.5	-1110.78	1514.49	106.58	-2219.23	193.98	119.36
		-1.593e+04	563.17	-2.33e-04		0.0	-1420.80	-1692.71	121.44	-1099.19	563.17	441.12
187	3	4327.37	5272.90	-1.97e-03	-1.15	20.0	-1420.80	58.25	121.44	-2016.13	2992.02	-1.593e+04
		-1.807e+04	469.10	-2.97e-04		40.0	-1420.80	1825.43	121.44	-2936.16	5420.87	2879.19
187	4	4274.75	5370.78	-1.96e-03	-1.17	0.0	-1314.73	-1825.31	120.09	-1438.09	469.10	-1078.81
		-1.822e+04	420.98	-3.06e-04		20.0	-1314.73	131.88	120.09	-2361.33	2871.00	-1.805e+04
187	8	3423.40	4118.75	-1.55e-03	-0.91	40.0	-1314.73	2108.73	120.09	-3288.22	5272.90	4327.37
		-1.425e+04	291.14	-2.42e-04		0.0	-1309.90	-1873.62	123.74	-1648.82	420.98	-650.99
187	9	2773.93	5616.62	-1.62e-03	-1.08	20.0	-1309.90	119.87	123.74	-2593.01	2895.88	-1.822e+04
		-1.628e+04	466.92	-2.51e-04		40.0	-1309.90	2132.99	123.74	-3541.20	5370.78	4274.75
187	14	2936.32	4261.02	-1.44e-03	-0.90	0.0	-990.26	-1463.27	95.69	-1354.71	291.14	-561.48
		-1.379e+04	271.23	-2.32e-04		20.0	-990.26	97.04	95.69	-2085.44	2204.94	-1.425e+04
187	27	7213.39	6589.02	-2.73e-03	-0.85	40.0	-990.26	1672.84	95.69	-2819.38	4118.75	3423.40
		-8135.66	-1665.07	-2.52e-04		0.0	-1411.15	-1789.32	128.74	-1520.65	466.92	1296.77
187	30	-2367.14	2493.96	2.71e-03	-0.79	20.0	-1411.15	34.24	128.74	-2479.49	3041.77	-1.628e+04
		-1.696e+04	1690.68	-1.24e-04		40.0	-1411.15	1873.95	128.74	-3442.13	5616.62	2773.93
187	32	392.05	1.307e+04	-1.55e-03	-0.75	0.0	-1017.25	-1471.79	99.74	-1463.77	271.23	322.32
		-1.435e+04	476.92	-1.69e-05		20.0	-1017.25	62.94	99.74	-2213.56	2266.12	-1.379e+04
187	33	4699.75	7802.78	1.72e-03	-0.89	40.0	-1017.25	1612.11	99.74	-2966.75	4261.02	2936.32
		-1.084e+04	-1.224e+04	-3.59e-04		0.0	-1023.64	-1258.59	231.93	-2354.02	-1665.07	3956.67
187	44	438.60	1.216e+04	-1.67e-03	-0.76	20.0	-1023.64	85.81	231.93	-2879.64	2461.97	-8135.66
		-1.440e+04	-59.30	-3.71e-05		40.0	-1023.64	1472.24	231.93	-3450.95	6589.02	7213.39
187	45	4914.80	8339.00	1.75e-03	-0.88	0.0	-1126.94	-1381.47	-45.66	562.56	2493.96	-3719.64
		-1.081e+04	-1.133e+04	-3.39e-04		20.0	-1126.94	25.09	-45.66	-323.38	2092.32	-1.696e+04
187	59	8507.97	7250.54	-3.12e-03	-0.85	40.0	-1126.94	1415.61	-45.66	-1168.57	1690.68	-2367.14
		-6945.35	-2228.36	-2.69e-04		0.0	-604.52	-1467.89	-273.82	1646.21	1.307e+04	392.05
187	62	-3661.72	3057.26	3.09e-03	-0.78	20.0	-604.52	-5.54	-273.82	507.66	6772.42	-1.435e+04
		-1.815e+04	1029.16	-1.07e-04		40.0	-604.52	1400.66	-273.82	-427.95	476.92	146.50
187	64	465.74	1.649e+04	-1.62e-03	-0.75	0.0	-1546.06	-1172.17	460.09	-3437.67	-1.224e+04	-155.01
		-1.484e+04	-513.36	2.94e-05		20.0	-1546.06	116.44	460.09	-3710.69	-2218.13	-1.074e+04
187	65	5314.95	8793.06	1.83e-03	-0.90	40.0	-1546.06	1487.19	460.09	-4191.57	7802.78	4699.75
		-1.040e+04	-1.566e+04	-4.05e-04		0.0	-588.14	-1464.66	-274.45	2348.45	1.216e+04	438.60
187	76	524.96	1.534e+04	-1.78e-03	-0.75	20.0	-588.14	-13.44	-274.45	1105.76	6051.18	-1.440e+04
						40.0	-588.14	1408.33	-274.45	-19.70	-59.30	-68.55
187						0.0	-1562.44	-1175.41	460.72	-4139.91	-1.133e+04	-201.57
						20.0	-1562.44	124.34	460.72	-4308.78	-1496.88	-1.070e+04
187						40.0	-1562.44	1479.52	460.72	-4599.82	8339.00	4914.80
						0.0	-1009.73	-1242.06	269.45	-2747.99	-2228.36	4994.00
187						20.0	-1009.73	93.94	269.45	-3224.92	2511.09	-6943.08
						40.0	-1009.73	1479.89	269.45	-3759.23	7250.54	8507.97
187						0.0	-1140.85	-1398.00	-83.18	956.53	3057.26	-4756.97
						20.0	-1140.85	16.96	-83.18	21.90	2043.21	-1.815e+04
187						40.0	-1140.85	1407.96	-83.18	-860.29	1029.16	-3661.72
						0.0	-477.32	-1507.88	-372.99	2334.33	1.649e+04	465.74
187						20.0	-477.32	-22.05	-372.99	1078.97	7987.28	-1.484e+04
						40.0	-477.32	1388.95	-372.99	81.97	-513.36	-468.70
187						0.0	-1673.26	-1132.18	559.26	-4125.78	-1.566e+04	-228.71
						20.0	-1673.26	132.95	559.26	-4281.99	-3432.98	-1.026e+04
187						40.0	-1673.26	1498.90	559.26	-4701.50	8793.06	5314.95
						0.0	-456.51	-1503.77	-373.80	3225.17	1.534e+04	524.96

		-1.489e+04	-1194.07	3.60e-06		20.0	-456.51	-32.09	-373.80	1837.39	7071.34	-1.489e+04
						40.0	-456.51	1398.70	-373.80	599.19	-1194.07	-742.26
187	77	5588.51	9473.77	1.87e-03	-0.90	0.0	-1694.08	-1136.30	560.07	-5016.63	-1.451e+04	-287.93
		-1.036e+04	-1.451e+04	-3.80e-04		20.0	-1694.08	142.98	560.07	-5040.41	-2517.04	-1.020e+04
						40.0	-1694.08	1489.15	560.07	-5218.71	9473.77	5588.51
187	79	2133.49	4169.44	-1.23e-03	-0.80	0.0	-1096.51	-1293.51	93.40	-827.95	433.26	422.50
		-1.213e+04	433.26	-1.75e-04		20.0	-1096.51	40.72	93.40	-1532.47	2301.35	-1.213e+04
						40.0	-1096.51	1387.26	93.40	-2239.35	4169.44	2133.49
187	81	3098.95	4070.80	-1.46e-03	-0.87	0.0	-1025.79	-1381.91	92.51	-1053.88	370.55	-590.79
		-1.354e+04	370.55	-2.18e-04		20.0	-1025.79	89.81	92.51	-1762.61	2220.67	-1.354e+04
						40.0	-1025.79	1576.13	92.51	-2474.05	4070.80	3098.95
187	82	3063.86	4136.05	-1.46e-03	-0.88	0.0	-1022.57	-1414.11	94.94	-1194.36	338.47	-305.57
		-1.365e+04	338.47	-2.24e-04		20.0	-1022.57	81.81	94.94	-1917.06	2237.26	-1.365e+04
						40.0	-1022.57	1592.30	94.94	-2642.71	4136.05	3063.86
187	83	2063.32	4299.94	-1.23e-03	-0.82	0.0	-1090.07	-1357.92	98.27	-1108.92	369.10	992.93
		-1.236e+04	369.10	-1.87e-04		20.0	-1090.07	24.72	98.27	-1841.38	2334.52	-1.236e+04
						40.0	-1090.07	1419.61	98.27	-2576.66	4299.94	2063.32
187	85	2739.14	4230.89	-1.39e-03	-0.87	0.0	-1040.57	-1419.80	97.64	-1267.07	325.20	283.63
		-1.335e+04	325.20	-2.17e-04		20.0	-1040.57	59.08	97.64	-2002.47	2278.04	-1.335e+04
						40.0	-1040.57	1551.82	97.64	-2740.96	4230.89	2739.14
187	86	2133.49	4169.44	-1.23e-03	-0.80	0.0	-1096.51	-1293.51	93.40	-827.95	433.26	422.50
		-1.213e+04	433.26	-1.75e-04		20.0	-1096.51	40.72	93.40	-1532.47	2301.35	-1.213e+04
						40.0	-1096.51	1387.26	93.40	-2239.35	4169.44	2133.49
187	87	2616.22	4120.12	-1.34e-03	-0.83	0.0	-1061.15	-1337.71	92.96	-940.91	401.91	-84.14
		-1.283e+04	401.91	-1.96e-04		20.0	-1061.15	65.27	92.96	-1647.54	2261.01	-1.283e+04
						40.0	-1061.15	1481.70	92.96	-2356.70	4120.12	2616.22
187	88	2119.45	4195.54	-1.23e-03	-0.80	0.0	-1095.22	-1306.39	94.38	-884.14	420.43	536.59
		-1.217e+04	420.43	-1.78e-04		20.0	-1095.22	37.52	94.38	-1594.25	2307.99	-1.217e+04
						40.0	-1095.22	1393.73	94.38	-2306.81	4195.54	2119.45
187	90	2409.09	4165.95	-1.30e-03	-0.82	0.0	-1074.00	-1332.91	94.11	-951.92	401.62	232.60
		-1.260e+04	401.62	-1.90e-04		20.0	-1074.00	52.25	94.11	-1663.29	2283.78	-1.260e+04
						40.0	-1074.00	1450.39	94.11	-2377.22	4165.95	2409.09
187	91	2133.49	4169.44	-1.23e-03	-0.80	0.0	-1096.51	-1293.51	93.40	-827.95	433.26	422.50
		-1.213e+04	433.26	-1.75e-04		20.0	-1096.51	40.72	93.40	-1532.47	2301.35	-1.213e+04
						40.0	-1096.51	1387.26	93.40	-2239.35	4169.44	2133.49
187	92	2423.13	4139.85	-1.30e-03	-0.82	0.0	-1075.29	-1320.03	93.14	-895.73	414.45	118.52
		-1.255e+04	414.45	-1.88e-04		20.0	-1075.29	55.45	93.14	-1601.51	2277.15	-1.255e+04
						40.0	-1075.29	1443.92	93.14	-2309.76	4139.85	2423.13
188	3	1.262e+04	-6.187e+04	-3.34e-03	-0.97	0.0	518.51	-1282.97	-276.31	874.80	-6.187e+04	3864.55
		-6384.04	-7.223e+04	2.34e-04		18.8	518.51	228.22	-276.31	1087.70	-6.705e+04	-6072.62
						37.5	518.51	1770.75	-276.31	1302.06	-7.223e+04	1.262e+04
188	7	9286.04	-4.672e+04	-2.55e-03	-0.75	0.0	390.82	-996.54	-206.29	752.71	-4.672e+04	2349.02
		-5584.13	-5.446e+04	1.79e-04		18.8	390.82	180.99	-206.29	912.62	-5.059e+04	-5334.02
						37.5	390.82	1382.48	-206.29	1073.77	-5.446e+04	9286.04
188	9	2.014e+04	-7.741e+04	-3.83e-03	-0.91	0.0	668.85	-1211.80	-403.57	-403.92	-7.741e+04	1.302e+04
		3101.50	-9.254e+04	2.45e-04		18.8	668.85	183.90	-403.57	-121.60	-8.497e+04	3325.65
						37.5	668.85	1615.55	-403.57	160.55	-9.254e+04	2.014e+04
188	31	2.030e+04	-6.810e+04	-3.85e-03	-0.74	0.0	348.91	-781.52	-145.32	-1335.72	-6.810e+04	1.284e+04
		6692.01	-8.520e+04	-1.01e-04		18.8	348.91	215.34	-145.32	-916.78	-7.665e+04	7019.83
						37.5	348.91	1249.64	-145.32	-505.37	-8.520e+04	2.030e+04
188	36	5327.94	-4.277e+04	-2.19e-03	-0.65	0.0	611.04	-1028.87	-485.32	805.81	-4.277e+04	2470.50
		-6679.04	-4.931e+04	4.80e-04		18.8	611.04	92.65	-485.32	940.70	-4.604e+04	-6679.04
						37.5	611.04	1225.81	-485.32	1081.74	-4.931e+04	5327.94
188	37	1.961e+04	-6.253e+04	3.97e-03	-0.73	0.0	288.90	-807.36	-16.59	-413.62	-6.253e+04	1.170e+04
		5783.55	-7.481e+04	-1.23e-04		18.8	288.90	186.13	-16.59	-153.47	-6.867e+04	6171.75
						37.5	288.90	1218.05	-16.59	101.59	-7.481e+04	1.961e+04
188	38	4830.84	-3.636e+04	2.19e-03	-0.64	0.0	539.80	-1049.70	-339.78	1734.72	-3.636e+04	1018.77
		-7757.51	-3.745e+04	4.40e-04		18.8	539.80	64.82	-339.78	1711.80	-3.491e+04	-7698.79
						37.5	539.80	1191.67	-339.78	1697.31	-3.745e+04	4830.84
188	43	1.848e+04	-7.162e+04	-3.87e-03	-0.73	0.0	388.23	-799.65	-514.17	-1398.95	-7.162e+04	1.184e+04
		5377.95	-9.068e+04	5.51e-04		18.8	388.23	208.40	-514.17	-973.02	-8.115e+04	5639.04
						37.5	388.23	1255.24	-514.17	-550.64	-9.068e+04	1.848e+04
188	46	6458.75	-3.343e+04	2.31e-03	-0.65	0.0	511.70	-1036.57	12.26	1791.14	-3.368e+04	2333.35
		-6225.46	-3.368e+04	-1.94e-04		18.8	511.70	70.38	12.26	1760.25	-3.356e+04	-6146.33
						37.5	511.70	1188.62	12.26	1733.97	-3.343e+04	6458.75
188	63	2.242e+04	-7.227e+04	-4.17e-03	-0.75	0.0	321.59	-744.61	-116.77	-1751.75	-7.227e+04	1.439e+04
		8576.45	-9.145e+04	-1.77e-04		18.8	321.59	235.88	-116.77	-1273.25	-8.186e+04	8985.43
						37.5	321.59	1257.17	-116.77	-804.56	-9.145e+04	2.242e+04
188	68	3397.49	-4.009e+04	-2.06e-03	-0.64	0.0	654.56	-1058.80	-548.65	972.44	-4.009e+04	1222.94
		-8415.73	-4.586e+04	5.62e-04		18.8	654.56	80.02	-548.65	1090.66	-4.298e+04	-8415.73
						37.5	654.56	1226.83	-548.65	1216.65	-4.586e+04	3397.49
188	69	2.154e+04	-6.520e+04	4.32e-03	-0.74	0.0	245.37	-777.42	46.75	-580.24	-6.520e+04	1.295e+04
		7422.78	-7.826e+04	-2.05e-04		18.8	245.37	198.77	46.75	-303.43	-7.173e+04	7908.44
						37.5	245.37	1217.04	46.75	-33.32	-7.826e+04	2.154e+04
188	70	2766.19	-3.080e+04	2.06e-03	-0.64	0.0	564.08	-1085.26	-363.79	2152.67	-3.196e+04	-620.98
		-9739.55	-3.196e+04	5.11e-04		18.8	564.08	44.66	-363.79	2070.46	-3.138e+04	-9710.94
						37.5	564.08	1183.46	-363.79	1998.90	-3.080e+04	2766.19

188	75	2.010e+04-7.675e+04 6945.81-9.842e+04	-4.19e-03 6.52e-04	-0.75	0.0 18.8 37.5	371.55 371.55 371.55	-767.66 227.05 1264.30	-585.30 -585.30 -585.30	-1831.59-7.675e+04 -1344.01-8.758e+04 -861.13-9.842e+04	1.312e+04 7231.44 2.010e+04
188	78	4834.74-2.570e+04 -7793.32-2.855e+04	2.22e-03 -2.95e-04	-0.64	0.0 18.8 37.5	528.38 528.38 528.38	-1068.57 51.74 1179.56	83.40 83.40 83.40	2223.78-2.855e+04 2131.24-2.712e+04 2044.46-2.570e+04	1048.71 -7738.73 4834.74
188	81	1.042e+04-4.886e+04 -3755.13-5.720e+04	-2.60e-03 1.79e-04	-0.73	0.0 18.8 37.5	411.91 411.91 411.91	-968.98 166.24 1325.81	-222.29 -222.29 -222.29	552.61-4.886e+04 725.44-5.303e+04 899.24-5.720e+04	4030.17 -3533.42 1.042e+04
188	83	1.543e+04-5.922e+04 2568.57-7.074e+04	-2.92e-03 1.87e-04	-0.69	0.0 18.8 37.5	512.13 512.13 512.13	-921.53 136.70 1222.34	-307.12 -307.12 -307.12	-299.87-5.922e+04 -80.76-6.498e+04 138.23-7.074e+04	1.013e+04 2732.10 1.543e+04
188	87	1.188e+04-5.157e+04 -1375.57-6.067e+04	-2.65e-03 1.79e-04	-0.70	0.0 18.8 37.5	439.09 439.09 439.09	-932.64 147.06 1251.61	-242.76 -242.76 -242.76	297.96-5.157e+04 488.42-5.612e+04 679.54-6.067e+04	6212.90 -1190.72 1.188e+04
188	88	1.377e+04-5.526e+04 1316.90-6.546e+04	-2.75e-03 1.80e-04	-0.68	0.0 18.8 37.5	475.45 475.45 475.45	-901.35 129.65 1186.40	-272.01 -272.01 -272.01	-25.33-5.526e+04 184.97-6.036e+04 395.52-6.546e+04	8743.07 1468.00 1.377e+04
188	91	1.335e+04-5.427e+04 1003.98-6.414e+04	-2.70e-03 1.78e-04	-0.67	0.0 18.8 37.5	466.28 466.28 466.28	-896.31 127.88 1177.41	-263.24 -263.24 -263.24	43.31-5.427e+04 251.41-5.921e+04 459.85-6.414e+04	8395.64 1151.97 1.335e+04
188	92	1.247e+04-5.265e+04 -423.75-6.206e+04	-2.67e-03 1.79e-04	-0.69	0.0 18.8 37.5	449.97 449.97 449.97	-918.11 139.39 1221.93	-250.95 -250.95 -250.95	196.10-5.265e+04 393.62-5.735e+04 591.66-6.206e+04	7086.00 -253.64 1.247e+04
189	3	3866.12-4.442e+04 -2.364e+04-6.097e+04	3.28e-03 3.12e-04	-0.93	0.0 18.8 37.5	-80.53 -80.53 -80.53	-843.82 605.40 2085.40	-441.31 -441.31 -441.31	2293.86-4.442e+04 2500.95-5.269e+04 2711.42-6.097e+04	-1.903e+04 -2.131e+04 3866.12
189	7	2350.33-3.356e+04 -1.912e+04-4.602e+04	2.50e-03 2.38e-04	-0.73	0.0 18.8 37.5	-74.91 -74.91 -74.91	-657.15 473.08 1626.79	-332.46 -332.46 -332.46	1836.08-3.356e+04 1991.34-3.979e+04 2149.29-4.602e+04	-1.554e+04 -1.730e+04 2350.33
189	9	1.302e+04-5.482e+04 -1.228e+04-7.657e+04	3.85e-03 3.44e-04	-0.87	0.0 18.8 37.5	92.99 92.99 92.99	-765.99 557.43 1916.98	-580.05 -580.05 -580.05	1034.42-5.482e+04 1314.15-6.570e+04 1595.65-7.657e+04	-8110.07 -1.012e+04 1.302e+04
189	12	1.150e+04-4.396e+04 -7759.39-6.163e+04	3.07e-03 2.70e-04	-0.67	0.0 18.8 37.5	98.61 98.61 98.61	-579.32 425.11 1458.37	-471.19 -471.19 -471.19	576.64-4.396e+04 804.54-5.279e+04 1033.53-6.163e+04	-4618.19 -6108.72 1.150e+04
189	35	1.315e+04-4.605e+04 -7061.57-6.804e+04	-4.02e-03 -2.05e-05	-0.70	0.0 18.8 37.5	-53.68 -53.68 -53.68	-472.77 494.21 1479.04	-598.15 -598.15 -598.15	17.97-4.605e+04 151.97-5.705e+04 277.43-6.804e+04	-4650.48 -4902.19 1.315e+04
189	36	2471.44-3.100e+04 -1.497e+04-4.231e+04	-2.32e-03 5.60e-04	-0.63	0.0 18.8 37.5	166.22 166.22 166.22	-705.76 350.48 1438.91	-290.52 -290.52 -290.52	2090.85-3.100e+04 2501.91-3.665e+04 2914.80-4.231e+04	-1.062e+04 -1.396e+04 2471.44
189	37	1.170e+04-4.443e+04 -8977.09-6.170e+04	4.03e-03 -6.93e-05	-0.69	0.0 18.8 37.5	-118.14 -118.14 -118.14	-479.43 479.20 1455.58	-471.70 -471.70 -471.70	471.04-4.443e+04 448.49-5.307e+04 428.12-6.170e+04	-6633.75 -6704.63 1.170e+04
189	38	1019.70-2.938e+04 -1.687e+04-3.597e+04	2.32e-03 5.11e-04	-0.63	0.0 18.8 37.5	101.76 101.76 101.76	-712.43 335.47 1415.45	-164.07 -164.07 -164.07	2543.91-2.938e+04 2798.44-3.268e+04 3065.48-3.597e+04	-1.260e+04 -1.576e+04 1019.70
189	43	1.184e+04-4.730e+04 -8010.98-7.070e+04	-3.93e-03 6.38e-04	-0.70	0.0 18.8 37.5	-28.92 -28.92 -28.92	-487.92 484.25 1476.45	-629.79 -629.79 -629.79	-48.27-4.730e+04 86.74-5.900e+04 213.61-7.070e+04	-5352.50 -6018.91 1.184e+04
189	46	2334.26-2.814e+04 -1.587e+04-3.332e+04	2.44e-03 -1.47e-04	-0.63	0.0 18.8 37.5	77.01 77.01 77.01	-697.27 345.43 1418.04	-132.43 -132.43 -132.43	2610.16-2.814e+04 2863.67-3.073e+04 3129.31-3.332e+04	-1.190e+04 -1.464e+04 2334.26
189	67	1.479e+04-4.830e+04 -5770.37-7.237e+04	-4.39e-03 -9.24e-05	-0.71	0.0 18.8 37.5	-74.68 -74.68 -74.68	-440.39 515.67 1487.66	-656.80 -656.80 -656.80	-325.00-4.830e+04 -207.08-6.034e+04 -100.61-7.237e+04	-3576.25 -3435.05 1.479e+04
189	68	1223.82-2.918e+04 -1.582e+04-3.969e+04	-2.23e-03 6.45e-04	-0.62	0.0 18.8 37.5	204.65 204.65 204.65	-736.35 333.08 1436.63	-266.03 -266.03 -266.03	2311.19-2.918e+04 2780.62-3.444e+04 3251.83-3.969e+04	-1.116e+04 -1.494e+04 1223.82
189	69	1.295e+04-4.625e+04 -8203.62-6.432e+04	4.39e-03 -1.54e-04	-0.70	0.0 18.8 37.5	-156.56 -156.56 -156.56	-448.84 496.60 1457.86	-496.18 -496.18 -496.18	250.70-4.625e+04 169.79-5.529e+04 91.09-6.432e+04	-6095.56 -5724.63 1.295e+04
189	70	-620.13-2.713e+04 -1.821e+04-3.164e+04	2.23e-03 5.83e-04	-0.62	0.0 18.8 37.5	122.77 122.77 122.77	-744.81 314.01 1406.83	-105.42 -105.42 -105.42	2886.89-2.713e+04 3157.49-2.938e+04 3443.52-3.164e+04	-1.368e+04 -1.723e+04 -620.13
189	75	1.312e+04-4.988e+04 -6975.65-7.575e+04	-4.28e-03 7.44e-04	-0.71	0.0 18.8 37.5	-43.23 -43.23 -43.23	-459.63 503.02 1484.40	-697.00 -697.00 -697.00	-408.12-4.988e+04 -289.00-6.282e+04 -180.80-7.575e+04	-4466.95 -4853.12 1.312e+04
189	78	1049.67-2.555e+04 -1.694e+04-2.826e+04	2.39e-03 -2.53e-04	-0.62	0.0 18.8 37.5	91.32 91.32 91.32	-725.57 326.66 1410.09	-65.22 -65.22 -65.22	2970.01-2.555e+04 3239.40-2.691e+04 3523.72-2.826e+04	-1.278e+04 -1.581e+04 1049.67
189	81	4031.33-3.506e+04 -1.657e+04-4.818e+04	2.56e-03 2.41e-04	-0.70	0.0 18.8 37.5	-39.82 -39.82 -39.82	-634.41 452.52 1563.46	-349.96 -349.96 -349.96	1639.66-3.506e+04 1808.33-4.162e+04 1979.44-4.818e+04	-1.309e+04 -1.483e+04 4031.33
189	83	1.013e+04-4.199e+04 -8991.56-5.858e+04	2.94e-03 2.62e-04	-0.66	0.0 18.8	75.86 75.86	-582.53 420.54	-442.45 -442.45	800.03-4.199e+04 1017.13-5.029e+04	-5809.14 -7370.59

189	87	6213.90 -3.696e+04 -1.324e+04 -5.091e+04	2.63e-03 2.44e-04	-0.68	37.5 0.0 18.8	75.86 5.80 5.80	1451.18 -604.55 425.61	-442.45 -372.21 -372.21	1235.60 -5.858e+04 1383.43 -3.696e+04 1570.38 -4.394e+04	1.013e+04 -9900.75 -1.162e+04
189	88	8743.90 -3.948e+04 -9726.26 -5.463e+04	2.75e-03 2.50e-04	-0.65	37.5 0.0 18.8	5.80 56.30 56.30	1480.45 -576.25 403.06	-372.21 -404.06 -404.06	1759.45 -5.091e+04 1061.77 -3.948e+04 1269.37 -4.706e+04	6213.90 -6532.31 -8196.02
189	91	8396.48 -3.885e+04 -9909.94 -5.365e+04	2.70e-03 2.47e-04	-0.65	37.5 0.0 18.8	56.30 51.41 51.41	1408.19 -574.68 398.69	-404.06 -394.46 -394.46	1478.69 -5.463e+04 1127.21 -3.885e+04 1332.44 -4.625e+04	8743.90 -6713.10 -8402.38
189	92	7086.93 -3.772e+04 -1.191e+04 -5.201e+04	2.66e-03 2.45e-04	-0.66	37.5 0.0 18.8	51.41 24.04 24.04	1397.44 -592.60 414.84	-394.46 -381.11 -381.11	1539.46 -5.365e+04 1280.94 -3.772e+04 1475.20 -4.486e+04	8396.48 -8625.69 -1.033e+04
190	3	-1.903e+04 -1.199e+04 -6.422e+04 -4.364e+04	4.27e-03 5.51e-04	-0.90	37.5 0.0 27.5	24.04 -422.26 -422.26	1447.24 -1471.94 541.03	-381.11 -575.42 -575.42	1671.46 -5.201e+04 3028.63 -1.199e+04 3315.26 -2.782e+04	7086.93 -4.933e+04 -6.225e+04
190	4	-1.835e+04 -1.223e+04 -6.470e+04 -4.599e+04	4.53e-03 5.73e-04	-0.91	55.0 0.0 27.5	2612.86 -420.65 -420.65	575.42 -1475.48 563.55	-575.42 -613.95 -613.95	3611.54 -4.364e+04 2781.49 -1.223e+04 3082.43 -2.911e+04	-1.903e+04 -4.992e+04 -6.259e+04
190	7	-1.554e+04 -9075.33 -5.063e+04 -3.296e+04	3.24e-03 4.20e-04	-0.70	55.0 0.0 27.5	-420.65 -337.06 -337.06	2665.03 -1155.18 417.00	-613.95 -434.19 -434.19	3392.33 -4.599e+04 2396.68 -9075.33 2610.91 -2.102e+04	-1.835e+04 -3.888e+04 -4.913e+04
190	9	-8111.78 -1.384e+04 -5.193e+04 -5.409e+04	5.28e-03 6.19e-04	-0.84	55.0 0.0 27.5	-337.06 -287.22 -287.22	2033.81 574.59 2451.32	-434.19 -731.89 -731.89	2832.74 -3.296e+04 1728.52 -1.384e+04 2128.00 -3.397e+04	-1.554e+04 -4.038e+04 -4.955e+04
190	12	-4619.50 -1.092e+04 -3.839e+04 -4.341e+04	4.25e-03 4.88e-04	-0.64	55.0 0.0 27.5	-287.22 -202.02 -202.02	2451.32 -912.63 450.56	-731.89 -590.66 -590.66	2533.66 -5.409e+04 1096.57 -1.092e+04 1423.64 -2.716e+04	-8111.78 -2.994e+04 -3.642e+04
190	23	-4426.32 -4775.42 -3.757e+04 -4.200e+04	-6.21e-03 4.39e-04	-0.66	55.0 0.0 27.5	-202.02 -190.03 -190.03	1872.27 -886.89 454.40	-590.66 -693.32 -693.32	1754.86 -4.341e+04 754.80 -4775.42 1084.89 -2.339e+04	-4619.50 -2.846e+04 -3.576e+04
190	24	-6216.47 -3338.81 -3.842e+04 -3.764e+04	-5.48e-03 6.87e-04	-0.65	55.0 0.0 27.5	-190.03 -148.13 -148.13	1866.59 -961.35 400.64	-693.32 -605.27 -605.27	987.66 -4.200e+04 2185.31 -3338.81 2639.58 -2.049e+04	-4426.32 -3.005e+04 -3.672e+04
190	25	-1.104e+04 -1.683e+04 -4.372e+04 -3.667e+04	6.21e-03 1.92e-04	-0.63	55.0 0.0 27.5	-148.13 -335.63 -335.63	1842.78 -988.83 417.06	-605.27 -378.97 -378.97	2671.75 -3.764e+04 1453.22 -1.683e+04 1547.31 -2.675e+04	-6216.47 -3.309e+04 -4.220e+04
190	30	-1.262e+04 -1.547e+04 -4.463e+04 -3.194e+04	5.54e-03 1.54e-04	-0.62	55.0 0.0 27.5	1841.75 -335.63 -297.99	1841.75 417.06 -1057.59	-378.97 -378.97 -281.65	2075.67 -3.667e+04 2958.30 -1.547e+04 3174.71 -2.371e+04	-1.104e+04 -3.474e+04 -4.316e+04
190	43	-5353.65 -1.041e+04 -3.850e+04 -4.645e+04	-5.36e-03 1.02e-03	-0.67	55.0 0.0 27.5	-297.99 -275.68 -275.68	1820.67 -854.69 488.79	-281.65 -716.91 -716.91	3830.87 -3.194e+04 -918.23 -1.041e+04 -809.46 -2.843e+04	-1.262e+04 -2.801e+04 -3.690e+04
190	55	-3291.03 -3339.92 -3.663e+04 -4.331e+04	-6.92e-03 4.38e-04	-0.67	55.0 0.0 27.5	-275.68 -176.01 -176.01	1876.59 -863.06 466.70	-716.91 -747.68 -747.68	-833.36 -4.645e+04 467.36 -3339.92 813.00 -2.332e+04	-5353.65 -2.762e+04 -3.476e+04
190	56	-5564.96 -1515.02 -3.773e+04 -3.777e+04	-5.99e-03 7.54e-04	-0.65	55.0 0.0 27.5	-176.01 -122.79 -122.79	1873.18 -957.64 398.41	-747.68 -635.84 -635.84	613.43 -4.331e+04 2284.66 -1515.02 2788.01 -1.964e+04	-3291.03 -3.476e+04 -3.598e+04
190	57	-1.169e+04 -1.866e+04 -4.443e+04 -3.654e+04	6.92e-03 1.25e-04	-0.63	55.0 0.0 27.5	-122.79 -122.79 -360.97	1842.93 1842.93 419.29	-635.84 -635.84 -348.40	2752.78 -3.777e+04 1353.88 -1.866e+04 1398.87 -2.760e+04	-5564.96 -3.550e+04 -4.294e+04
190	62	-1.370e+04 -1.693e+04 -4.560e+04 -3.053e+04	6.06e-03 7.64e-05	-0.61	55.0 0.0 27.5	-360.97 -313.16 -313.16	1841.61 -1079.89 356.82	-348.40 -224.78 -224.78	1994.64 -3.654e+04 3265.80 -1.693e+04 3466.16 -2.373e+04	-1.169e+04 -3.560e+04 -4.416e+04
190	75	-4468.09 -1.050e+04 -3.780e+04 -4.896e+04	-5.83e-03 1.17e-03	-0.67	55.0 0.0 27.5	-313.16 -284.81 -284.81	1814.82 -822.16 510.38	-224.78 -777.66 -777.66	4224.24 -3.053e+04 -1657.94 -1.050e+04 -1593.71 -2.973e+04	-1.370e+04 -2.705e+04 -3.620e+04
190	81	-1.309e+04 -9441.01 -4.725e+04 -3.447e+04	3.36e-03 4.28e-04	-0.68	55.0 0.0 27.5	-284.81 -303.39 -303.39	1885.89 -1091.58 414.21	-777.66 -455.07 -455.07	-1699.89 -4.896e+04 2195.33 -9441.01 2430.19 -2.196e+04	-4468.09 -3.630e+04 -4.571e+04
190	82	-1.264e+04 -9595.46 -4.756e+04 -3.604e+04	3.54e-03 4.42e-04	-0.69	55.0 0.0 27.5	-303.39 -302.32 -302.32	1966.35 -1093.94 429.22	-455.07 -480.76 -480.76	2672.12 -3.447e+04 2030.57 -9595.46 2274.96 -2.282e+04	-1.309e+04 -3.669e+04 -4.594e+04
190	83	-5810.43 -1.067e+04 -3.906e+04 -4.144e+04	4.04e-03 4.73e-04	-0.63	55.0 0.0 27.5	-302.32 -213.37 -213.37	2001.13 -929.88 436.58	-480.76 -559.38 -559.38	2525.97 -3.604e+04 1328.59 -1.067e+04 1638.67 -2.605e+04	-1.264e+04 -3.033e+04 -3.724e+04
190	87	-9901.93 -9901.84 -4.283e+04 -3.639e+04	3.52e-03 4.36e-04	-0.65	55.0 0.0 27.5	-213.37 -259.45 -259.45	1858.65 -1008.37 410.38	-559.38 -481.53 -481.53	1953.53 -4.144e+04 1926.71 -9901.84 2189.65 -2.314e+04	-5810.43 -3.292e+04 -4.125e+04
190	88	-6533.55 -1.042e+04 -3.854e+04 -3.893e+04	3.76e-03 4.50e-04	-0.62	55.0 0.0 27.5	-259.45 -215.09 -215.09	1877.72 -926.11 412.56	-481.53 -518.28 -518.28	2458.97 -3.639e+04 1592.20 -1.042e+04 1887.03 -2.468e+04	-9901.93 -2.970e+04 -3.687e+04
190	91	-6714.33 -1.036e+04 -3.842e+04 -3.830e+04	3.69e-03 4.44e-04	-0.62	55.0 0.0 27.5	-215.09 -215.52 -215.52	1803.00 -925.17 406.56	-518.28 -508.00 -508.00	2187.36 -3.893e+04 1658.10 -1.036e+04 1949.12 -2.433e+04	-6533.55 -2.954e+04 -3.678e+04
190	92	-8626.89 -1.009e+04	3.59e-03	-0.64	55.0 0.0	-215.52 -241.88	1789.09 -975.09	-508.00 -492.12	2245.82 -3.830e+04 1819.27 -1.009e+04	-6714.33 -3.157e+04

		-4.107e+04 -3.715e+04	4.39e-04			27.5	-241.88	408.85	-492.12	2093.44	-2.362e+04 -3.946e+04
						55.0	-241.88	1842.27	-492.12	2373.71	-3.715e+04 -8626.89
191		4 -3.945e+04 2.938e+04	3.46e-03	-0.87		0.0	-747.49	-2134.46	-741.80	2105.67	2.938e+04 -3.945e+04
		-7.189e+04 -1.142e+04	6.02e-04			27.5	-747.49	-198.25	-741.80	2391.69	8983.16 -7.163e+04
						55.0	-747.49	1785.51	-741.80	2684.67	-1.142e+04 -4.992e+04
191		5 -2.670e+04 2.448e+04	3.09e-03	-0.57		0.0	-491.95	-1265.70	-624.74	1104.60	2.448e+04 -2.670e+04
		-4.481e+04 -9877.80	4.71e-04			27.5	-491.95	-44.27	-624.74	1394.25	7302.48 -4.481e+04
						55.0	-491.95	1219.64	-624.74	1687.96	-9877.80 -2.875e+04
191		9 -3.793e+04 3.529e+04	4.39e-03	-0.78		0.0	-692.92	-1731.31	-879.39	1070.87	3.529e+04 -3.793e+04
		-6.262e+04 -1.307e+04	6.53e-04			27.5	-692.92	-54.68	-879.39	1460.88	1.111e+04 -6.262e+04
						55.0	-692.92	1682.35	-879.39	1855.15	-1.307e+04 -4.038e+04
191		19 -2.519e+04 3.523e+04	-6.07e-03	-0.62		0.0	-485.98	-1290.94	-711.45	62.94	3.523e+04 -2.519e+04
		-4.459e+04 -5079.15	1.20e-03			27.5	-485.98	-33.83	-711.45	116.86	1.507e+04 -4.459e+04
						55.0	-485.98	1280.07	-711.45	-34.64	-5079.15 -2.847e+04
191		22 -2.982e+04 1.165e+04	5.59e-03	-0.58		0.0	-539.61	-1468.36	-486.01	2590.56	1.165e+04 -2.982e+04
		-5.078e+04 -1.391e+04	-2.73e-04			27.5	-539.61	-127.17	-486.01	3065.03	-1128.91 -3.075e+04
						55.0	-539.61	1236.98	-486.01	3754.17	-1.391e+04 -3.466e+04
191		25 -2.640e+04 1.510e+04	6.11e-03	-0.59		0.0	-527.94	-1450.12	-549.63	772.43	1.510e+04 -2.640e+04
		-4.828e+04 -1.625e+04	2.51e-04			27.5	-527.94	-107.66	-549.63	1314.89	-576.32 -4.808e+04
						55.0	-527.94	1263.20	-549.63	1900.07	-1.625e+04 -3.509e+04
191		27 -2.537e+04 3.755e+04	-6.27e-03	-0.63		0.0	-490.63	-1272.97	-736.30	-41.30	3.755e+04 -2.537e+04
		-4.492e+04 -4125.38	1.30e-03			27.5	-490.63	-18.15	-736.30	-166.35	1.671e+04 -4.492e+04
						55.0	-490.63	1279.30	-736.30	-331.38	-4125.38 -2.840e+04
191		31 -2.158e+04 3.474e+04	-5.04e-03	-0.62		0.0	-494.40	-1291.09	-752.58	-1761.08	3.474e+04 -2.158e+04
		-4.329e+04 -1.034e+04	1.18e-04			27.5	-494.40	-5.64	-752.58	-1732.33	1.220e+04 -4.312e+04
						55.0	-494.40	1309.94	-752.58	-1771.27	-1.034e+04 -2.825e+04
191		34 -3.343e+04 1.214e+04	3.10e-03	-0.58		0.0	-531.20	-1468.21	-444.88	4414.58	1.214e+04 -3.343e+04
		-5.221e+04 -8645.83	8.10e-04			27.5	-531.20	-155.35	-444.88	4914.22	1744.77 -5.221e+04
						55.0	-531.20	1207.11	-444.88	5490.81	-8645.83 -3.489e+04
191		51 -2.457e+04 3.841e+04	-6.93e-03	-0.63		0.0	-478.73	-1266.96	-741.89	-277.13	3.841e+04 -2.457e+04
		-4.376e+04 -3886.72	1.40e-03			27.5	-478.73	-21.22	-741.89	-280.43	1.726e+04 -4.376e+04
						55.0	-478.73	1285.87	-741.89	-545.92	-3886.72 -2.764e+04
191		54 -3.044e+04 8464.00	6.32e-03	-0.58		0.0	-546.86	-1492.34	-455.57	2930.63	8464.00 -3.044e+04
		-5.163e+04 -1.510e+04	-4.72e-04			27.5	-546.86	-139.77	-455.57	3462.33	-3317.43 -5.158e+04
						55.0	-546.86	1231.18	-455.57	4265.46	-1.510e+04 -3.550e+04
191		57 -2.611e+04 1.285e+04	6.97e-03	-0.59		0.0	-532.05	-1469.18	-536.37	621.65	1.285e+04 -2.611e+04
		-4.845e+04 -1.808e+04	1.94e-04			27.5	-532.05	-115.00	-536.37	1239.75	-2616.31 -4.819e+04
						55.0	-532.05	1264.49	-536.37	1910.60	-1.808e+04 -3.350e+04
191		59 -2.479e+04 4.136e+04	-7.18e-03	-0.63		0.0	-484.62	-1244.13	-773.47	-410.01	4.136e+04 -2.479e+04
		-4.418e+04 -2674.66	1.53e-03			27.5	-484.62	-1.30	-773.47	-640.69	1.934e+04 -4.418e+04
						55.0	-484.62	1284.90	-773.47	-923.15	-2674.66 -2.754e+04
191		63 -1.998e+04 3.779e+04	-5.62e-03	-0.63		0.0	-489.42	-1267.16	-794.14	-2595.13	3.779e+04 -1.998e+04
		-4.211e+04 -1.057e+04	2.40e-05			27.5	-489.42	14.58	-794.14	-2630.11	1.361e+04 -4.189e+04
						55.0	-489.42	1323.83	-794.14	-2752.33	-1.057e+04 -2.735e+04
191		66 -3.503e+04 9081.50	3.15e-03	-0.58		0.0	-536.17	-1492.15	-403.31	5248.64	9081.50 -3.503e+04
		-5.344e+04 -8416.79	9.04e-04			27.5	-536.17	-175.58	-403.31	5812.01	332.36 -5.344e+04
						55.0	-536.17	1193.22	-403.31	6471.87	-8416.79 -3.579e+04
191		79 -2.693e+04 2.421e+04	3.04e-03	-0.58		0.0	-497.92	-1297.82	-617.96	1171.75	2.421e+04 -2.693e+04
		-4.561e+04 -9777.94	4.70e-04			27.5	-497.92	-54.40	-617.96	1453.60	7216.05 -4.561e+04
						55.0	-497.92	1230.77	-617.96	1739.68	-9777.94 -2.954e+04
191		82 -2.974e+04 2.300e+04	2.75e-03	-0.65		0.0	-560.74	-1574.61	-581.45	1515.25	2.300e+04 -2.974e+04
		-5.344e+04 -8981.25	4.65e-04			27.5	-560.74	-132.67	-581.45	1748.71	7008.53 -5.330e+04
						55.0	-560.74	1347.02	-581.45	1987.26	-8981.25 -3.669e+04
191		83 -2.872e+04 2.694e+04	3.37e-03	-0.59		0.0	-524.35	-1305.84	-673.17	825.39	2.694e+04 -2.872e+04
		-4.729e+04 -1.009e+04	4.99e-04			27.5	-524.35	-36.96	-673.17	1128.17	8426.68 -4.729e+04
						55.0	-524.35	1278.25	-673.17	1434.24	-1.009e+04 -3.033e+04
191		86 -2.693e+04 2.421e+04	3.04e-03	-0.58		0.0	-497.92	-1297.82	-617.96	1171.75	2.421e+04 -2.693e+04
		-4.561e+04 -9777.94	4.70e-04			27.5	-497.92	-54.40	-617.96	1453.60	7216.05 -4.561e+04
						55.0	-497.92	1230.77	-617.96	1739.68	-9777.94 -2.954e+04
191		87 -2.789e+04 2.292e+04	2.81e-03	-0.61		0.0	-522.72	-1434.21	-585.90	1430.09	2.292e+04 -2.789e+04
		-4.908e+04 -9302.71	4.60e-04			27.5	-522.72	-97.90	-585.90	1682.51	6809.64 -4.904e+04
						55.0	-522.72	1277.03	-585.90	1939.83	-9302.71 -3.292e+04
191		88 -2.729e+04 2.476e+04	3.10e-03	-0.58		0.0	-503.20	-1299.42	-629.00	1102.48	2.476e+04 -2.729e+04
		-4.595e+04 -9839.45	4.76e-04			27.5	-503.20	-50.91	-629.00	1388.51	7458.18 -4.595e+04
						55.0	-503.20	1240.27	-629.00	1678.59	-9839.45 -2.970e+04
191		91 -2.693e+04 2.421e+04	3.04e-03	-0.58		0.0	-497.92	-1297.82	-617.96	1171.75	2.421e+04 -2.693e+04
		-4.561e+04 -9777.94	4.70e-04			27.5	-497.92	-54.40	-617.96	1453.60	7216.05 -4.561e+04
						55.0	-497.92	1230.77	-617.96	1739.68	-9777.94 -2.954e+04
191		92 -2.751e+04 2.344e+04	2.90e-03	-0.60		0.0	-512.80	-1379.65	-598.73	1326.75	2.344e+04 -2.751e+04
		-4.767e+04 -9492.80	4.64e-04			27.5	-512.80	-80.50	-598.73	1590.95	6972.20 -4.767e+04
						55.0	-512.80	1258.53	-598.73	1859.77	-9492.80 -3.157e+04
192		5 -1.655e+04 5.087e+04	1.72e-03	-0.54		0.0	-606.33	-1054.54	-713.98	-28.63	5.087e+04 -1.655e+04
		-2.967e+04 2.481e+04	2.80e-04			18.2	-606.33	-280.81	-713.98	162.04	3.784e+04 -2.876e+04
						36.5	-606.33	508.59	-713.98	352.92	2.481e+04 -2.670e+04
192		7 -1.376e+04 4.302e+04	1.21e-03	-0.64		0.0	-611.87	-1404.02	-604.99	629.66	4.302e+04 -1.376e+04
		-3.230e+04 2.094e+04	2.66e-04			18.2	-611.87	-435.07	-604.99	759.90	3.198e+04 -3.056e+04
						36.5	-611.87	544.93	-604.99	891.11	2.094e+04 -2.957e+04

192	9	-2.390e+04 -4.196e+04	7.216e+04 3.572e+04	2.45e-03 3.86e-04	-0.74	0.0	-853.55	-1448.26	-998.40	-455.16	7.216e+04-2.390e+04
						18.2	-853.55	-388.07	-998.40	-197.22	5.394e+04-4.069e+04
						36.5	-853.55	694.46	-998.40	60.46	3.572e+04-3.793e+04
192	11	-2.194e+04 -4.379e+04	6.667e+04 3.302e+04	2.09e-03 3.77e-04	-0.81	0.0	-857.43	-1692.89	-922.11	5.65	6.667e+04-2.194e+04
						18.2	-857.43	-496.04	-922.11	221.28	4.984e+04-4.195e+04
						36.5	-857.43	719.89	-922.11	437.20	3.302e+04-3.993e+04
192	30	-1.946e+04 -3.275e+04	3.173e+04 9599.33	5.68e-03 2.93e-04	-0.55	0.0	-592.37	-1248.34	-604.69	2015.28	3.173e+04-1.946e+04
						18.2	-592.37	-382.07	-604.69	2470.45	2.066e+04-3.185e+04
						36.5	-592.37	493.88	-604.69	2931.70	9599.33-2.964e+04
192	35	-9377.55 -2.437e+04	6.565e+04 3.596e+04	-4.18e-03 1.39e-04	-0.59	0.0	-554.05	-1096.84	-818.15	-2929.34	6.565e+04 -9377.55
						18.2	-554.05	-286.07	-818.15	-2942.88	5.080e+04-2.312e+04
						36.5	-554.05	547.54	-818.15	-2961.87	3.596e+04-2.163e+04
192	36	-2.082e+04 -3.594e+04	3.918e+04 1.812e+04	1.99e-03 4.47e-04	-0.57	0.0	-680.64	-1155.46	-572.71	2728.82	3.918e+04-2.082e+04
						18.2	-680.64	-330.74	-572.71	2939.12	2.865e+04-3.475e+04
						36.5	-680.64	501.47	-572.71	3153.22	1.812e+04-3.302e+04
192	37	-1.073e+04 -2.487e+04	5.831e+04 2.940e+04	-1.97e-03 1.06e-04	-0.57	0.0	-535.63	-1148.27	-796.26	-2406.81	5.831e+04-1.073e+04
						18.2	-535.63	-316.68	-796.26	-2270.61	4.385e+04-2.377e+04
						36.5	-535.63	536.22	-796.26	-2137.37	2.940e+04-2.199e+04
192	38	-2.217e+04 -3.644e+04	3.185e+04 1.157e+04	4.19e-03 4.14e-04	-0.56	0.0	-662.21	-1206.90	-550.82	3251.35	3.185e+04-2.217e+04
						18.2	-662.21	-361.35	-550.82	3611.39	2.171e+04-2.540e+04
						36.5	-662.21	490.14	-550.82	3977.73	1.157e+04-3.338e+04
192	43	-1.032e+04 -2.508e+04	6.839e+04 3.782e+04	-4.14e-03 5.15e-05	-0.59	0.0	-567.52	-1090.30	-839.81	-3378.23	6.839e+04-1.032e+04
						18.2	-567.52	-283.94	-839.81	-3387.70	5.311e+04-2.391e+04
						36.5	-567.52	544.80	-839.81	-3402.98	3.782e+04-2.222e+04
192	62	-2.046e+04 -3.339e+04	2.713e+04 5772.12	6.79e-03 2.98e-04	-0.55	0.0	-588.12	-1274.45	-583.14	2515.90	2.713e+04-2.046e+04
						18.2	-588.12	-397.86	-583.14	3047.37	1.645e+04-3.256e+04
						36.5	-588.12	487.12	-583.14	3586.40	5772.12-3.022e+04
192	67	-7648.53 -2.274e+04	7.021e+04 3.925e+04	-4.88e-03 1.02e-04	-0.59	0.0	-539.44	-1081.95	-854.27	-3764.31	7.021e+04 -7648.53
						18.2	-539.44	-275.89	-854.27	-3828.36	5.473e+04-2.147e+04
						36.5	-539.44	555.30	-854.27	-3899.43	3.925e+04-2.004e+04
192	68	-2.219e+04 -3.744e+04	3.660e+04 1.660e+04	2.10e-03 4.94e-04	-0.57	0.0	-700.23	-1156.44	-542.49	3422.86	3.660e+04-2.219e+04
						18.2	-700.23	-332.63	-542.49	3643.14	2.660e+04-3.623e+04
						36.5	-700.23	496.77	-542.49	3868.14	1.660e+04-3.450e+04
192	69	-9366.78 -2.337e+04	6.089e+04 3.092e+04	-2.08e-03 5.98e-05	-0.57	0.0	-516.04	-1147.30	-826.47	-3100.85	6.089e+04 -9366.78
						18.2	-516.04	-314.78	-826.47	-2974.63	4.591e+04-2.229e+04
						36.5	-516.04	540.91	-826.47	-2852.29	3.092e+04-2.050e+04
192	70	-2.390e+04 -3.807e+04	2.728e+04 8272.74	4.90e-03 4.51e-04	-0.56	0.0	-676.83	-1221.78	-514.70	4086.32	2.728e+04-2.390e+04
						18.2	-676.83	-371.53	-514.70	4496.87	1.778e+04-3.706e+04
						36.5	-676.83	482.39	-514.70	4915.29	8272.74-3.497e+04
192	75	-8851.05 -2.364e+04	7.370e+04 4.163e+04	-4.84e-03 -1.40e-05	-0.59	0.0	-556.54	-1073.61	-881.77	-4334.50	7.370e+04 -8851.05
						18.2	-556.54	-273.16	-881.77	-4393.39	5.766e+04-2.246e+04
						36.5	-556.54	551.83	-881.77	-4459.75	4.163e+04-2.079e+04
192	79	-1.633e+04 -2.988e+04	5.031e+04 2.454e+04	1.68e-03 2.79e-04	-0.55	0.0	-607.03	-1081.97	-706.28	29.35	5.031e+04-1.633e+04
						18.2	-607.03	-292.86	-706.28	214.68	3.743e+04-2.890e+04
						36.5	-607.03	511.58	-706.28	400.29	2.454e+04-2.693e+04
192	81	-1.447e+04 -3.162e+04	4.509e+04 2.196e+04	1.34e-03 2.70e-04	-0.62	0.0	-610.72	-1314.96	-633.62	468.21	4.509e+04-1.447e+04
						18.2	-610.72	-395.69	-633.62	613.25	3.352e+04-3.010e+04
						36.5	-610.72	535.80	-633.62	759.08	2.196e+04-2.884e+04
192	83	-1.825e+04 -3.182e+04	5.519e+04 2.727e+04	1.88e-03 2.95e-04	-0.56	0.0	-649.51	-1091.48	-764.90	-338.18	5.519e+04-1.825e+04
						18.2	-649.51	-289.73	-764.90	-137.95	4.123e+04-3.088e+04
						36.5	-649.51	529.19	-764.90	62.10	2.727e+04-2.872e+04
192	85	-1.695e+04 -3.304e+04	5.153e+04 2.546e+04	1.65e-03 2.89e-04	-0.61	0.0	-652.09	-1254.57	-714.04	-30.97	5.153e+04-1.695e+04
						18.2	-652.09	-361.71	-714.04	141.05	3.849e+04-3.172e+04
						36.5	-652.09	546.15	-714.04	313.26	2.546e+04-2.006e+04
192	86	-1.633e+04 -2.988e+04	5.031e+04 2.454e+04	1.68e-03 2.79e-04	-0.55	0.0	-607.03	-1081.97	-706.28	29.35	5.031e+04-1.633e+04
						18.2	-607.03	-292.86	-706.28	214.68	3.743e+04-2.890e+04
						36.5	-607.03	511.58	-706.28	400.29	2.454e+04-2.693e+04
192	87	-1.540e+04 -3.075e+04	4.770e+04 2.325e+04	1.51e-03 2.75e-04	-0.59	0.0	-608.87	-1198.46	-669.95	248.78	4.770e+04-1.540e+04
						18.2	-608.87	-344.28	-669.95	413.97	3.547e+04-2.950e+04
						36.5	-608.87	523.69	-669.95	579.69	2.325e+04-2.789e+04
192	88	-1.672e+04 -3.027e+04	5.129e+04 2.508e+04	1.72e-03 2.83e-04	-0.55	0.0	-615.52	-1083.87	-718.00	-44.16	5.129e+04-1.672e+04
						18.2	-615.52	-292.23	-718.00	144.15	3.819e+04-2.930e+04
						36.5	-615.52	515.10	-718.00	332.65	2.508e+04-2.729e+04
192	90	-1.616e+04 -3.079e+04	4.972e+04 2.431e+04	1.62e-03 2.80e-04	-0.57	0.0	-616.63	-1153.77	-696.21	87.50	4.972e+04-1.616e+04
						18.2	-616.63	-323.08	-696.21	263.73	3.701e+04-2.966e+04
						36.5	-616.63	522.37	-696.21	440.29	2.431e+04-2.786e+04
192	91	-1.633e+04 -2.988e+04	5.031e+04 2.454e+04	1.68e-03 2.79e-04	-0.55	0.0	-607.03	-1081.97	-706.28	29.35	5.031e+04-1.633e+04
						18.2	-607.03	-292.86	-706.28	214.68	3.743e+04-2.890e+04
						36.5	-607.03	511.58	-706.28	400.29	2.454e+04-2.693e+04
192	92	-1.578e+04 -3.040e+04	4.875e+04 2.376e+04	1.58e-03 2.77e-04	-0.57	0.0	-608.13	-1151.87	-684.48	161.01	4.875e+04-1.578e+04
						18.2	-608.13	-323.71	-684.48	334.25	3.625e+04-2.926e+04
						36.5	-608.13	518.84	-684.48	507.93	2.376e+04-2.750e+04
193	7	-4143.31 -1.832e+04	6.806e+04 4.312e+04	1.05e-03 2.13e-04	-0.63	0.0	-329.40	-1214.16	-683.47	-941.99	6.806e+04 -4143.3

						36.5	-604.59	807.38	-1109.08	-1921.05	7.233e+04	-2.390e+04
193	35	-2619.23 -1.365e+04	9.773e+04 6.588e+04	-5.95e-03 1.68e-04	-0.58	0.0	-332.18	-906.93	-872.57	-4038.47	9.773e+04	-2619.23
						18.2	-332.18	-146.62	-872.57	-4029.80	8.181e+04	-1.324e+04
						36.5	-332.18	645.58	-872.57	-4028.73	6.588e+04	-9376.92
193	36	-1.271e+04 -2.501e+04	6.321e+04 3.916e+04	3.43e-03 2.90e-04	-0.55	0.0	-503.37	-1032.32	-653.38	534.37	6.321e+04	-1.271e+04
						18.2	-503.37	-212.93	-653.38	725.90	5.119e+04	-2.448e+04
						36.5	-503.37	601.94	-653.38	920.38	3.916e+04	-2.082e+04
193	37	-4917.73 -1.516e+04	9.043e+04 5.857e+04	-3.43e-03 1.43e-04	-0.56	0.0	-293.68	-956.89	-878.51	-3211.54	9.043e+04	-4917.73
						18.2	-293.68	-172.86	-878.51	-3052.53	7.450e+04	-1.486e+04
						36.5	-293.68	641.47	-878.51	-2899.46	5.857e+04	-1.073e+04
193	38	-1.501e+04 -2.653e+04	5.591e+04 3.185e+04	5.96e-03 2.65e-04	-0.53	0.0	-464.87	-1082.28	-659.32	1361.29	5.591e+04	-1.501e+04
						18.2	-464.87	-239.18	-659.32	1703.17	4.388e+04	-2.609e+04
						36.5	-464.87	597.83	-659.32	2049.65	3.185e+04	-2.217e+04
193	43	-3792.89 -1.472e+04	1.012e+05 6.864e+04	-5.66e-03 1.25e-04	-0.58	0.0	-350.14	-902.25	-891.44	-4499.59	1.012e+05	-3792.89
						18.2	-350.14	-140.44	-891.44	-4492.46	8.494e+04	-1.435e+04
						36.5	-350.14	646.83	-891.44	-4492.55	6.864e+04	-1.032e+04
193	46	-1.383e+04 -2.546e+04	5.241e+04 2.909e+04	5.65e-03 3.07e-04	-0.53	0.0	-446.91	-1086.96	-640.45	1822.42	5.241e+04	-1.383e+04
						18.2	-446.91	-245.35	-640.45	2165.82	4.075e+04	-2.499e+04
						36.5	-446.91	596.58	-640.45	2513.47	2.909e+04	-2.123e+04
193	67	-945.45 -1.191e+04	1.034e+05 7.048e+04	-7.18e-03 1.54e-04	-0.59	0.0	-314.25	-883.23	-901.39	-4767.97	1.034e+05	-945.45
						18.2	-314.25	-134.10	-901.39	-4804.34	8.693e+04	-1.151e+04
						36.5	-314.25	652.03	-901.39	-4849.95	7.048e+04	-7647.92
193	68	-1.376e+04 -2.635e+04	5.954e+04 3.654e+04	3.98e-03 3.09e-04	-0.55	0.0	-531.70	-1042.52	-622.97	1040.59	5.954e+04	-1.376e+04
						18.2	-531.70	-218.34	-622.97	1236.49	4.804e+04	-2.578e+04
						36.5	-531.70	596.60	-622.97	1436.55	3.654e+04	-2.218e+04
193	69	-3865.15 -1.383e+04	9.411e+04 6.119e+04	-3.98e-03 1.23e-04	-0.57	0.0	-265.35	-946.69	-908.92	-3717.77	9.411e+04	-3865.15
						18.2	-265.35	-167.45	-908.92	-3563.13	7.765e+04	-1.356e+04
						36.5	-265.35	646.81	-908.92	-3415.63	6.119e+04	-9366.09
193	70	-1.668e+04 -2.827e+04	5.026e+04 2.725e+04	7.18e-03 2.78e-04	-0.53	0.0	-482.80	-1105.98	-630.50	2090.80	5.026e+04	-1.668e+04
						18.2	-482.80	-251.69	-630.50	2477.71	3.876e+04	-2.783e+04
						36.5	-482.80	591.38	-630.50	2870.88	2.725e+04	-2.390e+04
193	75	-2435.82 -1.327e+04	1.078e+05 7.399e+04	-6.81e-03 1.01e-04	-0.59	0.0	-337.06	-877.25	-925.36	-5353.71	1.078e+05	-2435.82
						18.2	-337.06	-126.24	-925.36	-5392.05	9.091e+04	-1.291e+04
						36.5	-337.06	653.64	-925.36	-5439.16	7.399e+04	-8850.52
193	78	-1.519e+04 -2.691e+04	4.582e+04 2.375e+04	6.80e-03 3.32e-04	-0.53	0.0	-459.99	-1111.96	-606.53	2676.54	4.582e+04	-1.519e+04
						18.2	-459.99	-259.56	-606.53	3065.41	3.478e+04	-2.643e+04
						36.5	-459.99	589.77	-606.53	3460.08	2.375e+04	-2.270e+04
193	81	-5797.05 -1.895e+04	7.122e+04 4.519e+04	1.18e-03 2.14e-04	-0.61	0.0	-354.02	-1136.60	-713.19	-1078.33	7.122e+04	-5797.05
						18.2	-354.02	-239.51	-713.19	-931.89	5.820e+04	-1.837e+04
						36.5	-354.02	668.35	-713.19	-786.64	4.519e+04	-1.447e+04
193	83	-1.206e+04 -2.259e+04	8.634e+04 5.532e+04	1.70e-03 2.27e-04	-0.54	0.0	-463.52	-942.30	-849.84	-1854.89	8.634e+04	-1.206e+04
						18.2	-463.52	-172.32	-849.84	-1651.41	7.083e+04	-2.225e+04
						36.5	-463.52	613.17	-849.84	-1450.03	5.532e+04	-1.825e+04
193	87	-7951.29 -1.976e+04	7.522e+04 4.782e+04	1.35e-03 2.16e-04	-0.57	0.0	-385.81	-1035.18	-750.87	-1264.23	7.522e+04	-7951.29
						18.2	-385.81	-206.21	-750.87	-1097.20	6.152e+04	-1.930e+04
						36.5	-385.81	635.03	-750.87	-931.57	4.782e+04	-1.540e+04
193	88	-1.050e+04 -2.098e+04	8.065e+04 5.142e+04	1.55e-03 2.19e-04	-0.54	0.0	-426.79	-935.46	-800.81	-1531.08	8.065e+04	-1.050e+04
						18.2	-426.79	-172.80	-800.81	-1340.28	6.603e+04	-2.063e+04
						36.5	-426.79	604.01	-800.81	-1151.20	5.142e+04	-1.672e+04
193	91	-1.011e+04 -2.057e+04	7.922e+04 5.044e+04	1.51e-03 2.17e-04	-0.53	0.0	-417.60	-933.75	-788.55	-1450.12	7.922e+04	-1.011e+04
						18.2	-417.60	-172.92	-788.55	-1262.50	6.483e+04	-2.022e+04
						36.5	-417.60	601.71	-788.55	-1076.50	5.044e+04	-1.633e+04
193	92	-8812.99 -2.009e+04	7.682e+04 4.887e+04	1.41e-03 2.16e-04	-0.56	0.0	-398.53	-994.61	-765.94	-1338.59	7.682e+04	-8812.99
						18.2	-398.53	-192.90	-765.94	-1163.32	6.284e+04	-1.967e+04
						36.5	-398.53	621.71	-765.94	-989.54	4.887e+04	-1.578e+04
194	3	8005.14 -1.768e+04	-6.131e+04 -8.985e+04	-6.66e-04 2.21e-04	-0.81	0.0	-329.52	-1442.80	574.67	7238.95	-8.985e+04	-1909.85
						24.8	-329.52	198.24	574.67	6473.65	-7.558e+04	-1.738e+04
						49.7	-329.52	1847.60	574.67	5723.70	-6.131e+04	8005.14
194	7	6630.92 -1.368e+04	-4.626e+04 -6.783e+04	-4.98e-04 1.71e-04	-0.64	0.0	-230.49	-1126.73	434.27	4996.35	-6.783e+04	-1429.47
						24.8	-230.49	161.25	434.27	4432.76	-5.705e+04	-1.343e+04
						49.7	-230.49	1455.44	434.27	3879.69	-4.626e+04	6630.92
194	9	2033.25 -1.774e+04	-7.676e+04 -1.126e+05	-9.52e-04 2.07e-04	-0.72	0.0	-650.18	-1278.14	722.26	1.623e+04	-1.126e+05	-3055.85
						24.8	-650.18	100.49	722.26	1.505e+04	-9.470e+04	-1.770e+04
						49.7	-650.18	1490.96	722.26	1.391e+04	-7.676e+04	2033.25
194	11	5571.33 -1.838e+04	-7.098e+04 -1.042e+05	-8.12e-04 2.18e-04	-0.79	0.0	-486.81	-1409.94	667.95	1.196e+04	-1.042e+05	-2688.27
						24.8	-486.81	164.61	667.95	1.097e+04	-8.757e+04	-1.817e+04
						49.7	-486.81	1749.28	667.95	1.000e+04	-7.098e+04	5571.33
194	27	4704.86 -1.009e+04	-6.616e+04 -9.504e+04	-5.33e-03 2.96e-04	-0.59	0.0	-413.71	-942.88	552.08	4963.98	-9.504e+04	893.95
						24.8	-413.71	116.50	552.08	4210.14	-8.060e+04	-1.006e+04
						49.7	-413.71	1261.01	552.08	3462.71	-6.616e+04	4704.86
194	40	2237.11 -1.475e+04	-3.460e+04 -5.842e+04	2.83e-03 -2.20e-04	-0.54	0.0	-292.38	-1008.59	580.20	1.190e+04	-5.842e+04	-3962.53
						24.8	-292.38	66.74	580.20	1.163e+04	-4.651e+04	-1.458e+04
						49.7	-292.38	1139.93	580.20	1.141e+04	-3.460e+04	2237.11
194	41	3721.41 -1.131e+04	-6.999e+04 -9.491e+04	-2.82e-03 5.40e-04	-0.58	0.0	-507.12	-973.64	401.03	6911.87	-9.491e+04	355.57
						24.8	-507.12	123.20	401.03	5662.94	-8.245e+04	-1.131e+04
						49.7	-507.12	1238.11	401.03	4420.09	-6.999e+04	3721.41
194	43	4484.63	-7.421e+04	-5.19e-03	-0.59	0.0	-493.00	-945.89	442.07	5150.82	-1.011e+05	1334.11

		-1.008e+04 -1.011e+05	5.38e-04		24.8	-493.00	128.99	442.07	4001.09 -8.768e+04 -1.008e+04
					49.7	-493.00	1269.47	442.07	2850.81 -7.421e+04 4484.63
194	46	1473.89 -3.038e+04	5.19e-03	-0.53	0.0	-306.50	-1036.34	539.16	1.366e+04 -5.218e+04 -4941.07
		-1.599e+04 -5.218e+04	-2.18e-04		24.8	-306.50	60.95	539.16	1.329e+04 -4.128e+04 -1.581e+04
					49.7	-306.50	1108.57	539.16	1.297e+04 -3.038e+04 1473.89
194	59	5171.11 -6.991e+04	-6.60e-03	-0.60	0.0	-417.49	-929.83	568.68	3763.95 -1.000e+05 1622.62
		-9297.23 -1.000e+05	3.33e-04		24.8	-417.49	122.32	568.68	3010.69 -8.496e+04 -9284.14
					49.7	-417.49	1280.48	568.68	2260.01 -6.991e+04 5171.11
194	72	2036.52 -2.982e+04	3.42e-03	-0.53	0.0	-263.36	-1013.32	604.40	1.257e+04 -5.348e+04 -4546.23
		-1.522e+04 -5.348e+04	-3.23e-04		24.8	-263.36	59.10	604.40	1.244e+04 -4.165e+04 -1.502e+04
					49.7	-263.36	1126.65	604.40	1.235e+04 -2.982e+04 2036.52
194	73	3922.00 -7.477e+04	-3.41e-03	-0.59	0.0	-536.14	-968.91	376.84	6237.90 -9.935e+04 939.27
		-1.087e+04 -9.985e+04	6.43e-04		24.8	-536.14	130.83	376.84	4855.82 -8.731e+04 -1.087e+04
					49.7	-536.14	1251.39	376.84	3475.89 -7.477e+04 3922.00
194	75	4891.37 -8.013e+04	-6.42e-03	-0.60	0.0	-518.19	-933.66	428.95	4000.96 -1.078e+05 2181.96
		-9308.78 -1.078e+05	6.41e-04		24.8	-518.19	138.18	428.95	2744.89 -9.394e+04 -9308.78
					49.7	-518.19	1291.23	428.95	1482.55 -8.013e+04 4891.37
194	78	1067.14 -2.446e+04	6.43e-03	-0.52	0.0	-281.31	-1048.57	552.28	1.481e+04 -4.557e+04 -5788.92
		-1.679e+04 -4.557e+04	-3.20e-04		24.8	-281.31	51.75	552.28	1.455e+04 -3.502e+04 -1.658e+04
					49.7	-281.31	1086.81	552.28	1.434e+04 -2.446e+04 1067.14
194	81	5337.98 -4.844e+04	-5.47e-04	-0.61	0.0	-290.84	-1078.98	454.41	6557.31 -7.102e+04 -1558.42
		-1.345e+04 -7.102e+04	1.67e-04		24.8	-290.84	137.72	454.41	5925.56 -5.973e+04 -1.326e+04
					49.7	-290.84	1361.23	454.41	5307.88 -4.844e+04 5337.98
194	83	1356.72 -5.875e+04	-7.37e-04	-0.55	0.0	-504.61	-969.21	552.80	1.255e+04 -8.620e+04 -2322.43
		-1.350e+04 -8.620e+04	1.58e-04		24.8	-504.61	72.55	552.80	1.165e+04 -7.247e+04 -1.347e+04
					49.7	-504.61	1123.47	552.80	1.076e+04 -5.875e+04 1356.72
194	85	3715.44 -5.489e+04	-6.44e-04	-0.60	0.0	-395.70	-1057.07	516.60	9707.96 -8.055e+04 -2077.37
		-1.392e+04 -8.055e+04	1.65e-04		24.8	-395.70	115.30	516.60	8923.34 -6.772e+04 -1.379e+04
					49.7	-395.70	1295.68	516.60	8159.88 -5.489e+04 3715.44
194	87	3653.18 -5.119e+04	-6.14e-04	-0.57	0.0	-368.63	-1016.22	480.27	8590.53 -7.505e+04 -1733.46
		-1.315e+04 -7.505e+04	1.62e-04		24.8	-368.63	107.18	480.27	7870.13 -6.312e+04 -1.304e+04
					49.7	-368.63	1238.22	480.27	7168.39 -5.119e+04 3653.18
194	88	1846.05 -5.491e+04	-6.92e-04	-0.54	0.0	-458.06	-956.61	515.47	1.101e+04 -8.051e+04 -1991.29
		-1.298e+04 -8.051e+04	1.57e-04		24.8	-458.06	75.83	515.47	1.018e+04 -6.771e+04 -1.294e+04
					49.7	-458.06	1116.87	515.47	9376.05 -5.491e+04 1846.05
194	90	2856.93 -5.326e+04	-6.52e-04	-0.56	0.0	-411.39	-994.27	499.95	9789.96 -7.809e+04 -1886.26
		-1.316e+04 -7.809e+04	1.60e-04		24.8	-411.39	94.15	499.95	9014.16 -6.567e+04 -1.308e+04
					49.7	-411.39	1190.67	499.95	8259.74 -5.326e+04 2856.93
194	91	1968.38 -5.395e+04	-6.81e-04	-0.54	0.0	-446.43	-953.46	506.13	1.062e+04 -7.908e+04 -1908.50
		-1.285e+04 -7.908e+04	1.57e-04		24.8	-446.43	76.65	506.13	9814.69 -6.651e+04 -1.281e+04
					49.7	-446.43	1115.22	506.13	9028.91 -5.395e+04 1968.38
194	92	2979.26 -5.230e+04	-6.41e-04	-0.56	0.0	-399.75	-991.12	490.62	9403.82 -7.666e+04 -1803.48
		-1.303e+04 -7.666e+04	1.60e-04		24.8	-399.75	94.97	490.62	8647.95 -6.448e+04 -1.295e+04
					49.7	-399.75	1189.02	490.62	7912.60 -5.230e+04 2979.26
195	3	1.578e+04 -3.913e+04	-7.52e-04	-0.82	0.0	-232.00	-1503.85	468.87	6525.92 -6.241e+04 8028.90
		-8901.06 -6.241e+04	7.86e-05		24.8	-232.00	154.53	468.87	5790.51 -5.077e+04 -8743.92
					49.7	-232.00	1822.28	468.87	5068.83 -3.913e+04 1.578e+04
195	7	1.290e+04 -2.960e+04	-5.60e-04	-0.64	0.0	-153.77	-1176.29	352.86	4523.56 -4.713e+04 6648.54
		-6557.30 -4.713e+04	6.30e-05		24.8	-153.77	124.65	352.86	3980.46 -3.837e+04 -6423.38
					49.7	-153.77	1432.56	352.86	3446.79 -2.960e+04 1.290e+04
195	9	6654.00 -4.757e+04	-1.09e-03	-0.73	0.0	-570.68	-1313.20	607.22	1.442e+04 -7.773e+04 2068.78
		-1.315e+04 -7.773e+04	3.49e-05		24.8	-570.68	90.06	607.22	1.331e+04 -6.265e+04 -1.315e+04
					49.7	-570.68	1506.86	607.22	1.223e+04 -4.757e+04 6654.00
195	15	8790.33 -4.106e+04	-4.26e-03	-0.59	0.0	-295.40	-965.14	436.24	5361.71 -6.419e+04 4445.50
		-6693.27 -6.419e+04	6.60e-05		24.8	-295.40	91.63	436.24	4665.44 -5.262e+04 -6635.37
					49.7	-295.40	1226.02	436.24	3963.90 -4.106e+04 8790.33
195	26	5530.52 -2.384e+04	3.73e-03	-0.55	0.0	-358.78	-1062.99	354.24	1.230e+04 -3.991e+04 1305.01
		-1.079e+04 -3.991e+04	-2.96e-05		24.8	-358.78	69.74	354.24	1.162e+04 -3.187e+04 -1.075e+04
					49.7	-358.78	1158.01	354.24	1.098e+04 -2.384e+04 5530.52
195	39	8500.79 -5.039e+04	-4.30e-03	-0.60	0.0	-267.01	-965.19	340.69	4896.14 -7.434e+04 4443.85
		-6892.59 -7.434e+04	3.29e-04		24.8	-267.01	97.47	340.69	3782.26 -6.236e+04 -6847.12
					49.7	-267.01	1230.43	340.69	2662.67 -5.039e+04 8500.79
195	42	5695.42 -1.507e+04	4.31e-03	-0.54	0.0	-407.77	-1078.25	477.39	1.181e+04 -3.173e+04 1561.77
		-1.057e+04 -3.173e+04	-2.52e-04		24.8	-407.77	64.42	477.39	1.149e+04 -2.340e+04 -1.055e+04
					49.7	-407.77	1154.92	477.39	1.121e+04 -1.507e+04 5695.42
195	43	8463.39 -5.055e+04	-4.15e-03	-0.59	0.0	-273.19	-969.78	348.96	4609.34 -7.493e+04 4520.38
		-6888.25 -7.493e+04	3.42e-04		24.8	-273.19	97.62	348.96	3477.00 -6.274e+04 -6850.36
					49.7	-273.19	1230.82	348.96	2342.23 -5.055e+04 8463.39
195	46	5732.81 -1.490e+04	4.15e-03	-0.54	0.0	-401.59	-1073.66	469.11	1.209e+04 -3.114e+04 1485.24
		-1.058e+04 -3.114e+04	-2.64e-04		24.8	-401.59	64.27	469.11	1.179e+04 -2.302e+04 -1.054e+04
					49.7	-401.59	1154.52	469.11	1.153e+04 -1.490e+04 5732.81
195	47	9247.53 -4.331e+04	-5.21e-03	-0.60	0.0	-284.06	-949.85	443.58	4553.93 -6.720e+04 4835.10
		-6142.16 -6.720e+04	7.33e-05		24.8	-284.06	94.51	443.58	3863.02 -5.526e+04 -6078.48
					49.7	-284.06	1235.04	443.58	3160.52 -4.331e+04 9247.53
195	58	5106.96 -2.143e+04	4.55e-03	-0.54	0.0	-364.54	-1074.15	339.44	1.336e+04 -3.636e+04 846.33
		-1.134e+04 -3.636e+04	-4.81e-05		24.8	-364.54	66.72	339.44	1.270e+04 -2.890e+04 -1.130e+04
					49.7	-364.54	1148.63	339.44	1.207e+04 -2.143e+04 5106.96

195	71	8879.85-5.516e+04	-5.27e-03	-0.60	0.0	-247.99	-949.91	322.21	3962.00-8.010e+04	4833.12
		-6395.27-8.010e+04	4.08e-04		24.8	-247.99	101.93	322.21	2740.72-6.763e+04	-6347.38
					49.7	-247.99	1240.64	322.21	1507.27-5.516e+04	8879.85
195	74	5316.35-1.029e+04	5.28e-03	-0.53	0.0	-426.79	-1093.53	495.86	1.274e+04-2.598e+04	1172.50
		-1.107e+04-2.598e+04	-3.30e-04		24.8	-426.79	59.96	495.86	1.253e+04-1.814e+04	-1.105e+04
					49.7	-426.79	1144.70	495.86	1.237e+04-1.029e+04	5316.35
195	75	8832.36-5.537e+04	-5.07e-03	-0.60	0.0	-255.84	-955.74	332.73	3597.67-8.085e+04	4930.37
		-6389.71-8.085e+04	4.24e-04		24.8	-255.84	102.12	332.73	2352.94-6.811e+04	-6351.46
					49.7	-255.84	1241.14	332.73	1100.22-5.537e+04	8832.36
195	78	5363.84-1.008e+04	5.08e-03	-0.53	0.0	-418.94	-1087.70	485.34	1.310e+04-2.522e+04	1075.24
		-1.108e+04-2.522e+04	-3.46e-04		24.8	-418.94	59.76	485.34	1.292e+04-1.765e+04	-1.104e+04
					49.7	-418.94	1144.20	485.34	1.277e+04-1.008e+04	5363.84
195	81	1.084e+04-3.074e+04	-6.18e-04	-0.61	0.0	-219.14	-1121.78	372.96	5878.81-4.927e+04	5357.65
		-7330.76-4.927e+04	5.47e-05		24.8	-219.14	109.13	372.96	5274.39-4.000e+04	-7231.49
					49.7	-219.14	1347.73	372.96	4682.49-3.074e+04	1.084e+04
195	83	4756.39-3.637e+04	-8.43e-04	-0.55	0.0	-444.93	-994.67	465.19	1.114e+04-5.947e+04	1384.23
		-1.017e+04-5.947e+04	2.63e-05		24.8	-444.93	66.15	465.19	1.029e+04-4.792e+04	-1.017e+04
					49.7	-444.93	1137.45	465.19	9456.22-3.637e+04	4756.39
195	87	8167.63-3.216e+04	-6.97e-04	-0.58	0.0	-303.60	-1050.31	398.73	7644.37-5.196e+04	3675.62
		-8332.48-5.196e+04	4.34e-05		24.8	-303.60	89.00	398.73	6960.21-4.203e+04	-8278.01
					49.7	-303.60	1236.97	398.73	6292.55-3.216e+04	8167.63
195	88	5346.32-3.413e+04	-7.89e-04	-0.55	0.0	-399.44	-982.01	432.63	9756.36-5.562e+04	1871.72
		-9500.24-5.562e+04	3.18e-05		24.8	-399.44	68.32	432.63	8974.21-4.488e+04	-9492.79
					49.7	-399.44	1128.46	432.63	8213.34-3.413e+04	5346.32
195	91	5493.80-3.357e+04	-7.76e-04	-0.55	0.0	-388.07	-978.84	424.50	9409.93-5.466e+04	1993.59
		-9334.19-5.466e+04	3.34e-05		24.8	-388.07	68.87	424.50	8646.02-4.412e+04	-9324.52
					49.7	-388.07	1126.22	424.50	7902.62-3.357e+04	5493.80
195	92	7098.10-3.273e+04	-7.29e-04	-0.57	0.0	-337.39	-1021.72	409.04	8350.59-5.304e+04	3002.81
		-8733.16-5.304e+04	3.91e-05		24.8	-337.39	80.94	409.04	7634.53-4.288e+04	-8696.61
					49.7	-337.39	1192.67	409.04	6936.58-3.273e+04	7098.10
196	3	2.518e+04-1.905e+04	-7.20e-04	-0.83	0.0	-3.45	-1489.91	413.40	5447.67-3.958e+04	1.580e+04
		-644.54-3.958e+04	-1.18e-05		24.8	-3.45	187.20	413.40	4738.47-2.931e+04	-389.63
					49.7	-3.45	1873.28	413.40	4040.50-1.905e+04	2.518e+04
196	7	2.029e+04-1.449e+04	-5.28e-04	-0.65	0.0	23.70	-1167.40	311.23	3755.18-2.995e+04	1.291e+04
		34.18-2.995e+04	-5.35e-06		24.8	23.70	147.44	311.23	3230.06-2.222e+04	236.16
					49.7	23.70	1468.87	311.23	2712.61-1.449e+04	2.029e+04
196	9	1.439e+04-2.168e+04	-1.15e-03	-0.74	0.0	-354.82	-1278.13	531.37	1.242e+04-4.807e+04	6682.07
		-7516.14-4.807e+04	-8.08e-05		24.8	-354.82	152.73	531.37	1.137e+04-3.487e+04	-7320.90
					49.7	-354.82	1597.95	531.37	1.035e+04-2.168e+04	1.439e+04
196	31	1.590e+04-2.851e+04	-3.52e-03	-0.60	0.0	-106.06	-940.61	456.52	3171.72-4.965e+04	8695.91
		-1498.49-4.965e+04	7.91e-05		24.8	-106.06	143.92	456.52	1991.44-3.908e+04	-1268.07
					49.7	-106.06	1262.65	456.52	801.74-2.851e+04	1.590e+04
196	34	1.053e+04-1.983.25	3.52e-03	-0.55	0.0	-243.51	-1059.10	261.37	1.106e+04-1.650e+04	5539.53
		-6440.18-1.650e+04	-1.53e-04		24.8	-243.51	98.49	261.37	1.088e+04-9244.12	-6354.76
					49.7	-243.51	1240.66	261.37	1.073e+04-1.983.25	1.053e+04
196	36	1.133e+04-2891.86	2.95e-03	-0.55	0.0	-244.63	-1050.67	293.91	9935.32-1.887e+04	6323.46
		-5577.63-1.887e+04	-1.57e-04		24.8	-244.63	101.15	293.91	9832.61-1.088e+04	-5492.80
					49.7	-244.63	1244.43	293.91	9760.73-2891.86	1.133e+04
196	37	1.510e+04-2.760e+04	-2.95e-03	-0.60	0.0	-104.95	-949.04	423.98	4295.27-4.728e+04	7911.98
		-2361.04-4.728e+04	8.36e-05		24.8	-104.95	141.27	423.98	3035.41-3.744e+04	-2130.04
					49.7	-104.95	1258.89	423.98	1775.24-2.760e+04	1.510e+04
196	43	1.536e+04-2.786e+04	-3.19e-03	-0.60	0.0	-127.78	-952.25	481.76	3855.62-5.083e+04	8499.73
		-1912.05-5.083e+04	1.84e-04		24.8	-127.78	139.70	481.76	2740.11-3.934e+04	-1703.57
					49.7	-127.78	1264.32	481.76	1619.05-2.786e+04	1.536e+04
196	63	1.663e+04-3.209e+04	-4.27e-03	-0.61	0.0	-87.50	-924.60	482.89	2105.83-5.412e+04	9122.33
		-830.83-5.412e+04	1.10e-04		24.8	-87.50	150.06	482.89	790.74-4.311e+04	-580.82
					49.7	-87.50	1265.62	482.89	-540.46-3.209e+04	1.663e+04
196	66	9805.45-1601.01	4.27e-03	-0.55	0.0	-262.08	-1075.11	235.00	1.212e+04-1.203e+04	5113.12
		-7107.84-1.203e+04	-1.84e-04		24.8	-262.08	92.35	235.00	1.208e+04-5213.09	-7042.02
					49.7	-262.08	1237.69	235.00	1.208e+04-1601.01	9805.45
196	68	1.083e+04-446.98	3.55e-03	-0.55	0.0	-263.49	-1064.41	276.34	1.070e+04-1.504e+04	6108.87
		-6012.20-1.504e+04	-1.90e-04		24.8	-263.49	95.72	276.34	1.075e+04-7294.91	-5947.11
					49.7	-263.49	1242.47	276.34	1.084e+04-446.98	1.083e+04
196	69	1.560e+04-3.094e+04	-3.55e-03	-0.60	0.0	-86.08	-935.31	441.55	3533.10-5.111e+04	8126.58
		-1926.47-5.111e+04	1.16e-04		24.8	-86.08	146.69	441.55	2116.93-4.103e+04	-1675.72
					49.7	-86.08	1260.84	441.55	696.23-3.094e+04	1.560e+04
196	75	1.594e+04-3.126e+04	-3.85e-03	-0.60	0.0	-115.08	-939.38	514.95	2973.91-5.563e+04	8873.23
		-1356.10-5.563e+04	2.44e-04		24.8	-115.08	144.70	514.95	1741.21-4.345e+04	-1133.96
					49.7	-115.08	1267.76	514.95	497.28-3.126e+04	1.594e+04
196	81	1.778e+04-1.478e+04	-6.07e-04	-0.62	0.0	-46.83	-1108.23	328.35	4944.89-3.109e+04	1.086e+04
		-1387.79-3.109e+04	-1.63e-05		24.8	-46.83	138.13	328.35	4364.41-2.294e+04	-1201.48
					49.7	-46.83	1392.06	328.35	3794.27-1.478e+04	1.778e+04
196	83	1.059e+04-1.654e+04	-8.96e-04	-0.56	0.0	-281.08	-967.05	407.00	9595.63-3.675e+04	4778.04
		-5968.85-3.675e+04	-6.23e-05		24.8	-281.08	115.16	407.00	8787.50-2.664e+04	-5822.33
					49.7	-281.08	1208.51	407.00	8000.21-1.654e+04	1.059e+04
196	87	1.452e+04-1.511e+04	-7.12e-04	-0.59	0.0	-138.23	-1030.82	350.20	6495.18-3.251e+04	8186.83
		-3231.75-3.251e+04	-3.09e-05		24.8	-138.23	126.04	350.20	5842.69-2.381e+04	-3065.72

196	88	1.112e+04 -1.566e+04 -5254.34 -3.449e+04	-8.33e-04 -4.89e-05	-0.55	49.7	-138.23	1291.77	350.20	5204.07	-1.511e+04	1.452e+04
					0.0	-239.92	-956.14	379.04	8355.50	-3.449e+04	5366.85
					24.8	-239.92	114.19	379.04	7614.29	-2.508e+04	-5108.44
196	91	1.126e+04 -1.545e+04 -5075.71 -3.393e+04	-8.17e-04 -4.55e-05	-0.55	49.7	-239.92	1194.89	379.04	6891.14	-1.566e+04	1.112e+04
					0.0	-229.63	-953.41	372.05	8045.46	-3.393e+04	5514.06
					24.8	-229.63	113.95	372.05	7320.98	-2.469e+04	-4929.96
196	92	1.322e+04 -1.525e+04 -3969.33 -3.308e+04	-7.54e-04 -3.67e-05	-0.57	49.7	-229.63	1191.48	372.05	6613.87	-1.545e+04	1.126e+04
					0.0	-174.79	-999.86	358.94	7115.29	-3.308e+04	7117.72
					24.8	-174.79	121.21	358.94	6434.01	-2.416e+04	-3811.42
197	3	3.826e+04 -796.52 1.013e+04 -1.919e+04	5.53e-04 -5.60e-05	-0.83	49.7	-174.79	1251.66	358.94	5767.99	-1.525e+04	1.322e+04
					0.0	283.93	-1431.26	370.27	4358.75	-1.919e+04	2.514e+04
					24.8	283.93	263.02	370.27	3670.75	-9992.22	1.062e+04
197	9	2.698e+04 1301.55 1944.67 -2.194e+04	1.11e-03 -1.32e-04	-0.75	49.7	283.93	1964.20	370.27	2991.46	-796.52	3.826e+04
					0.0	-61.18	-1206.97	467.90	1.045e+04	-2.194e+04	1.432e+04
					24.8	-61.18	252.54	467.90	9449.36	-1.032e+04	2444.20
197	12	1.917e+04 1371.23 281.21 -1.735e+04	9.45e-04 -1.14e-04	-0.57	49.7	-61.18	1725.88	467.90	8472.75	1301.55	2.698e+04
					0.0	-99.92	-898.85	376.83	9065.83	-1.735e+04	9449.30
					24.8	-99.92	193.74	376.83	8244.10	-7987.27	669.59
197	31	2.632e+04 -8402.38 6694.99 -2.855e+04	-2.80e-03 -2.18e-05	-0.61	49.7	-99.92	1298.11	376.83	7441.93	1371.23	1.917e+04
					0.0	126.04	-905.44	427.78	2606.35	-2.855e+04	1.583e+04
					24.8	126.04	209.10	427.78	1436.79	-1.848e+04	7125.07
197	34	1.899e+04 9155.95 -6.29 -2261.19	2.37e-03 -1.23e-04	-0.56	49.7	126.04	1344.77	427.78	252.45	-8402.38	2.632e+04
					0.0	-44.33	-995.00	207.70	9167.67	-2261.19	1.052e+04
					24.8	-44.33	169.71	207.70	9032.83	3447.38	295.74
197	36	1.982e+04 1.008e+04 726.75 -3175.69	2.75e-03 -1.20e-04	-0.56	49.7	-44.33	1330.55	207.70	8937.62	9155.95	1.899e+04
					0.0	-65.82	-989.87	234.59	8238.75	-3175.69	1.130e+04
					24.8	-65.82	171.63	234.59	8177.46	3451.94	1028.19
197	37	2.549e+04 -9326.00 5961.94 -2.763e+04	-2.21e-03 -2.45e-05	-0.60	49.7	-65.82	1339.49	234.59	8145.01	1.008e+04	1.982e+04
					0.0	147.53	-910.58	400.89	3535.27	-2.763e+04	1.505e+04
					24.8	147.53	207.18	400.89	2292.17	-1.848e+04	6392.62
197	63	2.731e+04 -1.077e+04 7586.03 -3.210e+04	-3.36e-03 -8.18e-06	-0.61	49.7	147.53	1335.84	400.89	1045.07	-9326.00	2.549e+04
					0.0	149.06	-893.34	457.51	1719.53	-3.210e+04	1.655e+04
					24.8	149.06	214.42	457.51	410.20	-2.144e+04	8047.82
197	66	1.800e+04 1.153e+04 -911.74 1290.80	2.82e-03 -1.36e-04	-0.56	49.7	149.06	1346.69	457.51	-921.27	-1.077e+04	2.731e+04
					0.0	-67.35	-1007.11	177.96	1.005e+04	1290.80	9804.23
					24.8	-67.35	164.38	177.96	1.006e+04	6409.61	-627.00
197	68	1.905e+04 1.270e+04 19.41 129.27	3.30e-03 -1.33e-04	-0.56	49.7	-67.35	1328.63	177.96	1.011e+04	1.153e+04	1.800e+04
					0.0	-94.64	-1000.59	212.11	8874.40	129.27	1.079e+04
					24.8	-94.64	166.82	212.11	8972.74	6415.42	303.39
197	69	2.626e+04 -1.195e+04 6651.65 -3.094e+04	-2.62e-03 -1.16e-05	-0.60	49.7	-94.64	1339.98	212.11	9104.38	1.270e+04	1.905e+04
					0.0	176.36	-899.86	423.36	2899.62	-3.094e+04	1.556e+04
					24.8	176.36	211.98	423.36	1496.89	-2.144e+04	7117.42
197	81	2.769e+04 -347.45 6650.97 -1.491e+04	4.95e-04 -5.07e-05	-0.62	49.7	176.36	1335.34	423.36	85.69	-1.195e+04	2.626e+04
					0.0	172.72	-1062.01	293.09	4006.66	-1.491e+04	1.775e+04
					24.8	172.72	198.98	293.09	3445.78	-7626.44	7023.41
197	83	2.017e+04 1051.27 1191.65 -1.674e+04	8.66e-04 -1.01e-04	-0.57	49.7	172.72	1466.15	293.09	2893.07	-347.45	2.769e+04
					0.0	-57.36	-912.48	358.18	8066.41	-1.674e+04	1.054e+04
					24.8	-57.36	192.00	358.18	7298.18	-7844.11	1572.39
197	87	2.409e+04 169.86 4289.10 -1.526e+04	6.36e-04 -6.62e-05	-0.59	49.7	-57.36	1307.27	358.18	6547.27	1051.27	2.017e+04
					0.0	78.53	-982.16	310.70	5349.76	-1.526e+04	1.448e+04
					24.8	78.53	192.14	310.70	4723.66	-7546.31	4656.98
197	88	2.043e+04 759.99 1780.11 -1.584e+04	7.95e-04 -8.55e-05	-0.56	49.7	78.53	1374.37	310.70	4108.76	169.86	2.409e+04
					0.0	-24.00	-904.35	334.28	6967.58	-1.584e+04	1.108e+04
					24.8	-24.00	186.64	334.28	6260.87	-7541.77	2146.92
197	91	2.050e+04 687.17 1927.23 -1.562e+04	7.77e-04 -8.16e-05	-0.56	49.7	-24.00	1287.53	334.28	5569.01	759.99	2.043e+04
					0.0	-15.66	-902.32	328.30	6692.87	-1.562e+04	1.121e+04
					24.8	-15.66	185.30	328.30	6001.54	-7466.18	2290.55
197	92	2.265e+04 376.78 3344.35 -1.541e+04	6.92e-04 -7.23e-05	-0.58	49.7	-15.66	1282.59	328.30	5324.45	687.17	2.050e+04
					0.0	40.86	-950.22	317.74	5887.01	-1.541e+04	1.318e+04
					24.8	40.86	189.40	317.74	5234.81	-7514.26	3710.41
198	3	5.477e+04 1.557e+04 2.457e+04 -838.70	-2.02e-04 -5.86e-05	-0.83	49.7	40.86	1337.66	317.74	4595.04	376.78	2.265e+04
					0.0	592.02	-1374.12	330.41	3402.47	-838.70	3.825e+04
					24.8	592.02	332.14	330.41	2730.76	7365.27	2.531e+04
198	4	5.500e+04 1.678e+04 2.433e+04 -585.37	-2.74e-04 -7.26e-05	-0.84	49.7	592.02	2040.96	330.41	2065.53	1.557e+04	5.477e+04
					0.0	571.48	-1379.04	349.59	4302.02	-585.37	3.801e+04
					24.8	571.48	341.56	349.59	3577.10	8094.88	2.511e+04
198	9	4.417e+04 2.152e+04 1.608e+04 1125.61	-8.89e-04 -1.30e-04	-0.76	49.7	571.48	2065.62	349.59	2860.66	1.678e+04	5.500e+04
					0.0	279.69	-1142.24	410.71	8579.93	1125.61	2.700e+04
					24.8	279.69	343.88	410.71	7623.55	1.132e+04	1.706e+04
198	12	3.257e+04 1.759e+04 1.117e+04 1213.83	-7.95e-04 -1.12e-04	-0.57	49.7	279.69	1841.09	410.71	6685.26	2.152e+04	4.417e+04
					0.0	168.41	-847.65	329.82	7479.35	1213.83	1.919e+04
					24.8	168.41	267.81	329.82	6694.88	9403.22	1.196e+04
198	31	3.976e+04 8670.93 1.799e+04 -8406.22	-2.06e-03 -8.15e-05	-0.61	49.7	168.41	1393.19	329.82	5926.29	1.759e+04	3.257e+04
					0.0	392.00	-867.16	402.18	2215.62	-8406.22	2.634e+04
					24.8	392.00	268.36	402.18	1058.36	132.36	1.876e+04
198	34	3.060e+04 1.973e+04	1.61e-03	-0.56	49.7	392.00	1425.86	402.18	-119.42	8670.93	3.976e+04
					0.0	177.59	-942.74	158.27	7268.78	8976.29	1.898e+04

		9744.80	8976.29	-6.31e-05		24.8	177.59	233.61	158.27	7168.63	1.435e+04	1.029e+04
						49.7	177.59	1400.45	158.27	7108.52	1.973e+04	3.060e+04
198	36	3.163e+04	2.151e+04	2.06e-03	-0.57	0.0	143.95	-930.80	180.01	6488.31	9884.94	1.983e+04
		1.047e+04	9884.94	-5.06e-05		24.8	143.95	236.67	180.01	6459.38	1.570e+04	1.102e+04
						49.7	143.95	1423.42	180.01	6458.69	2.151e+04	3.163e+04
198	37	3.872e+04	6895.71	-1.62e-03	-0.60	0.0	425.64	-879.11	380.43	2996.08	-9314.87	2.549e+04
		1.726e+04	-9314.87	-9.40e-05		24.8	425.64	265.29	380.43	1767.61	-1209.58	1.803e+04
						49.7	425.64	1402.89	380.43	530.41	6895.71	3.872e+04
198	63	4.099e+04	7176.38	-2.48e-03	-0.62	0.0	420.97	-856.95	435.13	1532.49	-1.075e+04	2.733e+04
		1.910e+04	-1.075e+04	-8.39e-05		24.8	420.97	273.05	435.13	232.45	-1789.28	1.991e+04
						49.7	420.97	1429.29	435.13	-1096.32	7176.38	4.099e+04
198	66	2.936e+04	2.123e+04	1.91e-03	-0.56	0.0	148.61	-952.95	125.31	7951.90	1.133e+04	1.798e+04
		8631.02	1.133e+04	-6.06e-05		24.8	148.61	228.91	125.31	7994.54	1.628e+04	9144.50
						49.7	148.61	1397.02	125.31	8085.42	2.123e+04	2.936e+04
198	68	3.068e+04	2.348e+04	2.49e-03	-0.57	0.0	105.89	-937.78	152.93	6960.33	1.248e+04	1.906e+04
		9555.53	1.248e+04	-4.47e-05		24.8	105.89	232.80	152.93	7093.42	1.798e+04	1.008e+04
						49.7	105.89	1426.20	152.93	7259.76	2.348e+04	3.068e+04
198	69	3.968e+04	4921.73	-1.93e-03	-0.60	0.0	463.70	-872.12	407.51	2524.06	-1.191e+04	2.626e+04
		1.818e+04	-1.191e+04	-9.98e-05		24.8	463.70	269.16	407.51	1133.57	-3493.67	1.897e+04
						49.7	463.70	1400.11	407.51	-270.66	4921.73	3.968e+04
198	81	4.034e+04	1.255e+04	-2.45e-04	-0.63	0.0	411.38	-1017.76	260.65	3165.63	-395.20	2.768e+04
		1.760e+04	-395.20	-5.21e-05		24.8	411.38	254.30	260.65	2620.11	6076.72	1.819e+04
						49.7	411.38	1529.45	260.65	2080.80	1.255e+04	4.034e+04
198	82	4.049e+04	1.335e+04	-2.93e-04	-0.63	0.0	397.69	-1021.04	273.44	3765.32	-226.31	2.752e+04
		1.745e+04	-226.31	-6.15e-05		24.8	397.69	260.58	273.44	3184.33	6563.12	1.807e+04
						49.7	397.69	1545.89	273.44	2610.89	1.335e+04	4.049e+04
198	83	3.327e+04	1.652e+04	-7.03e-04	-0.58	0.0	203.16	-863.17	314.19	6617.27	914.35	2.018e+04
		1.195e+04	914.35	-9.96e-05		24.8	203.16	262.13	314.19	5881.97	8715.57	1.270e+04
						49.7	203.16	1396.20	314.19	5160.62	1.652e+04	3.327e+04
198	87	3.665e+04	1.373e+04	-4.26e-04	-0.60	0.0	320.96	-937.18	274.63	4291.75	90.68	2.409e+04
		1.493e+04	90.68	-6.65e-05		24.8	320.96	251.93	274.63	3686.81	6909.74	1.557e+04
						49.7	320.96	1446.38	274.63	3090.62	1.373e+04	3.665e+04
198	88	3.303e+04	1.523e+04	-6.27e-04	-0.57	0.0	225.06	-857.92	293.73	5657.75	644.12	2.044e+04
		1.220e+04	644.12	-8.46e-05		24.8	225.06	252.07	293.73	4979.21	7937.32	1.290e+04
						49.7	225.06	1369.89	293.73	4312.48	1.523e+04	3.303e+04
198	91	3.296e+04	1.491e+04	-6.08e-04	-0.57	0.0	230.54	-856.61	288.61	5417.87	576.57	2.051e+04
		1.226e+04	576.57	-8.09e-05		24.8	230.54	249.56	288.61	4753.52	7742.76	1.295e+04
						49.7	230.54	1363.31	288.61	4100.45	1.491e+04	3.296e+04
198	92	3.518e+04	1.420e+04	-4.99e-04	-0.58	0.0	284.79	-904.95	280.22	4742.20	285.04	2.266e+04
		1.387e+04	285.04	-7.23e-05		24.8	284.79	250.98	280.22	4113.50	7242.95	1.453e+04
						49.7	284.79	1413.15	280.22	3494.55	1.420e+04	3.518e+04
199	3	7.024e+04	3.013e+04	-3.72e-04	-0.83	0.0	891.72	-1396.62	293.90	2561.43	1.554e+04	5.480e+04
		4.070e+04	1.554e+04	-2.41e-05		24.8	891.72	311.56	293.90	1901.69	2.284e+04	4.133e+04
						49.7	891.72	2015.16	293.90	1246.45	3.013e+04	7.024e+04
199	4	7.112e+04	3.214e+04	-3.03e-04	-0.84	0.0	885.11	-1399.78	310.38	3332.34	1.673e+04	5.503e+04
		4.101e+04	1.673e+04	-3.53e-05		24.8	885.11	324.53	310.38	2623.25	2.443e+04	4.169e+04
						49.7	885.11	2045.14	310.38	1920.38	3.214e+04	7.112e+04
199	5	4.488e+04	2.776e+04	-3.24e-04	-0.56	0.0	470.53	-845.43	255.28	4410.63	1.508e+04	3.214e+04
		2.408e+04	1.508e+04	-5.07e-05		24.8	470.53	255.86	255.28	3754.82	2.142e+04	2.481e+04
						49.7	470.53	1361.21	255.28	3107.92	2.776e+04	4.488e+04
199	7	5.497e+04	2.266e+04	-3.46e-04	-0.65	0.0	707.71	-1097.92	222.23	1719.56	1.162e+04	4.319e+04
		3.204e+04	1.162e+04	-1.57e-05		24.8	707.71	237.90	222.23	1227.62	1.714e+04	3.252e+04
						49.7	707.71	1569.48	222.23	738.59	2.266e+04	5.497e+04
199	9	6.191e+04	3.925e+04	-4.37e-04	-0.76	0.0	641.31	-1150.44	359.91	6794.32	2.138e+04	4.421e+04
		3.329e+04	2.138e+04	-8.21e-05		24.8	641.31	355.46	359.91	5872.01	3.032e+04	3.433e+04
						49.7	641.31	1866.84	359.91	4963.64	3.925e+04	6.191e+04
199	12	4.665e+04	3.178e+04	-4.63e-04	-0.58	0.0	457.30	-851.74	288.24	5952.45	1.746e+04	3.261e+04
		2.465e+04	1.746e+04	-7.34e-05		24.8	457.30	281.81	288.24	5197.94	2.462e+04	2.551e+04
						49.7	457.30	1421.15	288.24	4455.77	3.178e+04	4.665e+04
199	31	5.315e+04	2.044e+04	-1.34e-03	-0.61	0.0	662.01	-884.71	380.38	1919.90	8665.55	3.980e+04
		3.120e+04	8665.55	-1.03e-04		24.8	662.01	267.71	380.38	774.91	1.455e+04	3.196e+04
						49.7	662.01	1443.21	380.38	-395.45	2.044e+04	5.315e+04
199	34	4.222e+04	3.230e+04	1.07e-03	-0.56	0.0	411.19	-946.34	112.68	5406.39	1.959e+04	3.061e+04
		2.139e+04	1.959e+04	2.13e-05		24.8	411.19	234.12	112.68	5330.47	2.595e+04	2.194e+04
						49.7	411.19	1394.97	112.68	5294.41	3.230e+04	4.222e+04
199	36	4.381e+04	3.484e+04	1.36e-03	-0.57	0.0	368.62	-930.71	129.96	4723.21	2.135e+04	3.166e+04
		2.233e+04	2.135e+04	4.32e-05		24.8	368.62	244.22	129.96	4720.31	2.809e+04	2.292e+04
						49.7	368.62	1435.96	129.96	4746.50	3.484e+04	4.381e+04
199	37	5.155e+04	1.791e+04	-1.08e-03	-0.60	0.0	704.57	-900.33	363.10	2603.08	6899.88	3.875e+04
		3.026e+04	6899.88	-1.25e-04		24.8	704.57	257.61	363.10	1385.07	1.240e+04	3.097e+04
						49.7	704.57	1402.22	363.10	152.46	1.791e+04	5.155e+04
199	43	5.197e+04	3.616e+04	-1.21e-03	-0.61	0.0	625.43	-886.96	389.09	2266.74	1.038e+04	3.880e+04
		3.009e+04	1.038e+04	-1.08e-04		24.8	625.43	264.34	389.09	1214.13	2.327e+04	3.082e+04
						49.7	625.43	1443.98	389.09	126.10	3.616e+04	5.197e+04
199	63	5.462e+04	1.883e+04	-1.67e-03	-0.62	0.0	695.90	-876.38	416.56	1448.35	7189.80	4.104e+04
		3.253e+04	7189.80	-1.20e-04		24.8	695.90	272.25	416.56	159.01	1.301e+04	3.331e+04
						49.7	695.90	1449.73	416.56	-1164.57	1.883e+04	5.462e+04

199	66	4.074e+04	3.391e+04	1.40e-03	-0.56	0.0	377.30	-954.66	76.50	5877.93	2.106e+04	2.937e+04
		2.007e+04	2.106e+04	3.80e-05		24.8	377.30	229.58	76.50	5946.37	2.749e+04	2.059e+04
						49.7	377.30	1388.45	76.50	6063.53	3.391e+04	4.074e+04
199	68	4.277e+04	3.712e+04	1.69e-03	-0.58	0.0	323.23	-934.82	98.45	5009.90	2.330e+04	3.070e+04
		2.126e+04	2.330e+04	6.59e-05		24.8	323.23	242.41	98.45	5171.07	3.021e+04	2.183e+04
						49.7	323.23	1440.52	98.45	5367.29	3.712e+04	4.277e+04
199	69	5.260e+04	1.562e+04	-1.41e-03	-0.60	0.0	749.97	-896.22	394.61	2316.39	4947.29	3.971e+04
		3.133e+04	4947.29	-1.47e-04		24.8	749.97	259.42	394.61	934.31	1.028e+04	3.206e+04
						49.7	749.97	1397.66	394.61	-468.33	1.562e+04	5.260e+04
199	75	5.313e+04	3.881e+04	-1.50e-03	-0.62	0.0	649.43	-879.25	427.62	1886.85	9365.55	3.977e+04
		3.112e+04	9365.55	-1.26e-04		24.8	649.43	267.97	427.62	715.52	2.409e+04	3.187e+04
						49.7	649.43	1450.72	427.62	-503.09	3.881e+04	5.313e+04
199	79	4.567e+04	2.739e+04	-2.70e-04	-0.57	0.0	489.16	-865.02	253.14	4201.36	1.482e+04	3.300e+04
		2.470e+04	1.482e+04	-4.78e-05		24.8	489.16	254.51	253.14	3558.13	2.110e+04	2.541e+04
						49.7	489.16	1377.44	253.14	2923.35	2.739e+04	4.567e+04
199	81	5.239e+04	2.399e+04	-1.76e-04	-0.63	0.0	647.28	-1033.35	231.11	2407.31	1.251e+04	4.036e+04
		3.003e+04	1.251e+04	-2.43e-05		24.8	647.28	242.54	231.11	1873.33	1.825e+04	3.055e+04
						49.7	647.28	1516.28	231.11	1343.80	2.399e+04	5.239e+04
199	82	5.298e+04	2.533e+04	-1.30e-04	-0.63	0.0	642.87	-1035.46	242.10	2921.25	1.330e+04	4.052e+04
		3.022e+04	1.330e+04	-3.18e-05		24.8	642.87	251.19	242.10	2354.37	1.932e+04	4.078e+04
						49.7	642.87	1536.26	242.10	1793.08	2.533e+04	5.298e+04
199	83	4.684e+04	3.007e+04	-3.63e-04	-0.58	0.0	480.34	-869.23	275.11	5229.24	1.640e+04	3.331e+04
		2.508e+04	1.640e+04	-6.30e-05		24.8	480.34	271.81	275.11	4520.22	2.324e+04	2.588e+04
						49.7	480.34	1417.40	275.11	3821.92	3.007e+04	4.684e+04
199	86	4.567e+04	2.739e+04	-2.70e-04	-0.57	0.0	489.16	-865.02	253.14	4201.36	1.482e+04	3.300e+04
		2.470e+04	1.482e+04	-4.78e-05		24.8	489.16	254.51	253.14	3558.13	2.110e+04	2.541e+04
						49.7	489.16	1377.44	253.14	2923.35	2.739e+04	4.567e+04
199	87	4.903e+04	2.569e+04	-6.62e-05	-0.60	0.0	568.22	-949.19	242.12	3304.34	1.366e+04	3.668e+04
		2.736e+04	1.366e+04	-3.60e-05		24.8	568.22	248.52	242.12	2715.73	1.968e+04	2.798e+04
						49.7	568.22	1446.86	242.12	2133.57	2.569e+04	4.903e+04
199	88	4.590e+04	2.793e+04	-2.89e-04	-0.57	0.0	487.40	-865.86	257.53	4406.93	1.514e+04	3.306e+04
		2.477e+04	1.514e+04	-5.09e-05		24.8	487.40	257.97	257.53	3750.55	2.153e+04	2.550e+04
						49.7	487.40	1385.43	257.53	3103.06	2.793e+04	4.590e+04
199	91	4.567e+04	2.739e+04	-2.70e-04	-0.57	0.0	489.16	-865.02	253.14	4201.36	1.482e+04	3.300e+04
		2.470e+04	1.482e+04	-4.78e-05		24.8	489.16	254.51	253.14	3558.13	2.110e+04	2.541e+04
						49.7	489.16	1377.44	253.14	2923.35	2.739e+04	4.567e+04
199	92	4.768e+04	2.637e+04	-1.36e-04	-0.59	0.0	536.60	-915.52	246.53	3663.14	1.413e+04	3.521e+04
		2.630e+04	1.413e+04	-4.08e-05		24.8	536.60	250.91	246.53	3052.69	2.025e+04	2.695e+04
						49.7	536.60	1419.09	246.53	2449.48	2.637e+04	4.768e+04
200	4	7.491e+04	4.589e+04	1.08e-03	-0.84	0.0	1161.28	-1634.61	275.99	2396.92	3.218e+04	7.116e+04
		5.185e+04	3.218e+04	3.71e-05		24.8	1161.28	77.66	275.99	1699.18	3.903e+04	5.185e+04
						49.7	1161.28	1776.52	275.99	1005.46	4.589e+04	7.491e+04
200	5	4.999e+04	3.885e+04	1.65e-04	-0.56	0.0	721.18	-1003.32	223.40	3145.56	2.775e+04	4.488e+04
		3.360e+04	2.775e+04	1.18e-05		24.8	721.18	103.25	223.40	2506.07	3.330e+04	3.370e+04
						49.7	721.18	1207.79	223.40	1872.54	3.885e+04	4.999e+04
200	7	5.717e+04	3.255e+04	9.48e-04	-0.65	0.0	902.08	-1278.24	198.31	1163.24	2.706e+04	5.501e+04
		3.973e+04	2.270e+04	3.58e-05		24.8	902.08	45.49	198.31	676.47	2.763e+04	3.973e+04
						49.7	902.08	1357.46	198.31	191.31	3.255e+04	5.717e+04
200	9	6.918e+04	5.489e+04	2.40e-04	-0.76	0.0	989.97	-1366.07	315.20	5024.44	3.923e+04	6.191e+04
		4.661e+04	3.923e+04	-1.03e-05		24.8	989.97	146.86	315.20	4127.91	4.706e+04	4.677e+04
						49.7	989.97	1656.83	315.20	3241.18	5.489e+04	6.918e+04
200	31	5.726e+04	5.000e+04	-1.03e-03	-0.61	0.0	914.19	-1057.69	364.95	1636.78	2.048e+04	5.313e+04
		4.057e+04	2.048e+04	-8.89e-05		24.8	914.19	99.95	364.95	500.36	3.524e+04	4.060e+04
						49.7	914.19	1289.66	364.95	-665.81	5.000e+04	5.726e+04
200	34	4.671e+04	3.227e+04	1.44e-03	-0.56	0.0	629.45	-1101.51	68.80	3552.55	3.227e+04	4.225e+04
		3.009e+04	2.429e+04	1.26e-04		24.8	629.45	74.56	68.80	3494.51	2.828e+04	3.015e+04
						49.7	629.45	1209.03	68.80	3475.71	2.429e+04	4.671e+04
200	36	4.875e+04	3.479e+04	1.04e-03	-0.57	0.0	583.78	-1073.96	83.00	2916.11	3.479e+04	4.382e+04
		3.140e+04	2.741e+04	1.56e-04		24.8	583.78	83.25	83.00	2934.97	3.110e+04	3.148e+04
						49.7	583.78	1259.10	83.00	2985.63	2.741e+04	4.875e+04
200	37	5.523e+04	4.688e+04	-1.46e-03	-0.60	0.0	959.86	-1085.24	350.75	2273.22	1.795e+04	5.157e+04
		3.926e+04	1.795e+04	-1.18e-04		24.8	959.86	91.26	350.75	1059.90	3.241e+04	3.928e+04
						49.7	959.86	1239.59	350.75	-175.73	4.688e+04	5.523e+04
200	43	5.615e+04	5.273e+04	-9.02e-04	-0.61	0.0	878.12	-1056.30	358.57	1726.87	3.613e+04	5.196e+04
		3.938e+04	3.613e+04	-1.34e-04		24.8	878.12	99.79	358.57	733.15	4.443e+04	3.941e+04
						49.7	878.12	1289.23	358.57	-345.56	5.273e+04	5.615e+04
200	46	4.782e+04	2.156e+04	1.35e-03	-0.56	0.0	665.52	-1102.90	75.18	3462.46	1.662e+04	4.342e+04
		3.128e+04	1.662e+04	1.71e-04		24.8	665.52	74.71	75.18	3261.72	1.909e+04	3.134e+04
						49.7	665.52	1209.47	75.18	3155.45	2.156e+04	4.782e+04
200	63	5.869e+04	5.348e+04	-1.20e-03	-0.62	0.0	952.66	-1051.77	404.97	1377.07	1.888e+04	5.460e+04
		4.199e+04	1.888e+04	-1.18e-04		24.8	952.66	103.38	404.97	95.28	3.618e+04	4.202e+04
						49.7	952.66	1300.56	404.97	-1225.82	5.348e+04	5.869e+04
200	66	4.528e+04	3.386e+04	1.73e-03	-0.56	0.0	590.98	-1107.43	28.78	3812.27	3.386e+04	4.078e+04
		2.867e+04	2.081e+04	1.55e-04		24.8	590.98	71.13	28.78	3899.59	2.734e+04	2.873e+04
						49.7	590.98	1198.14	28.78	4035.72	2.081e+04	4.528e+04
200	68	4.787e+04	3.707e+04	1.22e-03	-0.58	0.0	532.97	-1072.44	46.82	3003.60	3.707e+04	4.277e+04
		3.033e+04	2.478e+04	1.93e-04		24.8	532.97	82.16	46.82	3188.58	3.093e+04	3.042e+04

200	69	5.610e+04	4.951e+04	-1.75e-03	-0.60	49.7	532.97	1261.74	46.82	3412.90	2.478e+04	4.787e+04
		4.033e+04	1.568e+04	-1.55e-04		0.0	1010.67	-1086.76	386.93	2185.74	1.568e+04	5.261e+04
						24.8	1010.67	92.34	386.93	806.30	3.259e+04	4.033e+04
200	75	5.727e+04	5.694e+04	-1.04e-03	-0.62	49.7	1010.67	1236.96	386.93	-603.01	4.951e+04	5.610e+04
		4.047e+04	3.876e+04	-1.75e-04		0.0	906.84	-1050.01	396.86	1488.01	3.876e+04	5.311e+04
						24.8	906.84	103.18	396.86	388.96	4.785e+04	4.050e+04
200	78	4.670e+04	1.735e+04	1.61e-03	-0.56	49.7	906.84	1300.02	396.86	-820.33	5.694e+04	5.727e+04
		3.019e+04	1.398e+04	2.13e-04		0.0	636.80	-1109.19	36.89	3701.32	1.398e+04	4.227e+04
						24.8	636.80	71.32	36.89	3605.91	1.567e+04	3.025e+04
200	79	5.055e+04	3.840e+04	2.28e-04	-0.57	49.7	636.80	1198.68	36.89	3630.23	1.735e+04	4.670e+04
		3.408e+04	2.738e+04	1.38e-05		0.0	735.64	-1024.62	221.89	2991.13	2.738e+04	4.566e+04
						24.8	735.64	98.80	221.89	2363.36	2.738e+04	3.417e+04
200	81	5.534e+04	3.421e+04	7.49e-04	-0.62	49.7	735.64	1219.41	221.89	1741.19	3.840e+04	5.055e+04
		3.819e+04	2.402e+04	2.98e-05		0.0	856.24	-1207.90	205.17	1669.59	2.402e+04	5.242e+04
						24.8	856.24	60.29	205.17	1143.62	2.911e+04	3.819e+04
200	82	5.631e+04	3.601e+04	7.10e-04	-0.63	49.7	856.24	1319.19	205.17	620.37	3.421e+04	5.534e+04
		3.881e+04	2.535e+04	2.52e-05		0.0	862.63	-1212.16	214.58	2099.72	2.535e+04	5.301e+04
						24.8	862.63	67.91	214.58	1543.04	3.068e+04	3.881e+04
200	83	5.249e+04	4.201e+04	1.48e-04	-0.58	49.7	862.63	1339.18	214.58	990.03	3.601e+04	5.631e+04
		3.529e+04	3.005e+04	-7.96e-06		0.0	748.42	-1033.13	240.72	3851.40	3.005e+04	4.684e+04
						24.8	748.42	114.04	240.72	3162.20	3.603e+04	3.543e+04
200	86	5.055e+04	3.840e+04	2.28e-04	-0.57	49.7	748.42	1259.39	240.72	2480.50	4.201e+04	5.249e+04
		3.408e+04	2.738e+04	1.38e-05		0.0	735.64	-1024.62	221.89	2991.13	2.738e+04	4.566e+04
						24.8	735.64	98.80	221.89	2363.36	2.738e+04	3.417e+04
200	87	5.294e+04	3.631e+04	4.89e-04	-0.60	49.7	735.64	1219.41	221.89	1741.19	3.840e+04	5.055e+04
		3.616e+04	2.570e+04	2.18e-05		0.0	795.94	-1116.26	213.53	2330.36	2.570e+04	4.904e+04
						24.8	795.94	79.55	213.53	1753.49	3.100e+04	3.618e+04
200	88	5.094e+04	3.912e+04	2.12e-04	-0.57	49.7	795.94	1269.30	213.53	1180.78	3.631e+04	5.294e+04
		3.433e+04	2.792e+04	1.20e-05		0.0	738.20	-1026.32	225.66	3163.18	2.792e+04	4.590e+04
						24.8	738.20	101.85	225.66	2523.13	3.352e+04	3.442e+04
200	91	5.055e+04	3.840e+04	2.28e-04	-0.57	49.7	738.20	1227.41	225.66	1889.06	3.912e+04	5.094e+04
		3.408e+04	2.738e+04	1.38e-05		0.0	735.64	-1024.62	221.89	2991.13	2.738e+04	4.566e+04
						24.8	735.64	98.80	221.89	2363.36	2.738e+04	3.417e+04
200	92	5.199e+04	3.714e+04	3.84e-04	-0.58	49.7	735.64	1219.41	221.89	1741.19	3.840e+04	5.055e+04
		3.533e+04	2.637e+04	1.86e-05		0.0	771.82	-1079.60	216.87	2594.67	2.637e+04	4.769e+04
						24.8	771.82	87.25	216.87	1997.44	3.176e+04	3.538e+04
201	4	7.482e+04	5.789e+04	-1.87e-03	-0.83	49.7	771.82	1249.35	216.87	1404.95	3.714e+04	5.199e+04
		3.819e+04	4.646e+04	1.41e-04		0.0	1350.08	-2228.47	230.30	1532.24	4.646e+04	7.482e+04
						24.8	1350.08	-548.25	230.30	841.53	5.218e+04	4.038e+04
201	5	4.995e+04	4.833e+04	-6.96e-04	-0.56	49.7	1350.08	1108.62	230.30	152.82	5.789e+04	4.739e+04
		2.738e+04	3.923e+04	9.97e-05		0.0	920.54	-1414.28	183.21	1938.75	3.923e+04	4.995e+04
						24.8	920.54	-315.23	183.21	1309.74	4.378e+04	2.849e+04
201	7	5.710e+04	4.123e+04	-1.55e-03	-0.64	49.7	920.54	775.13	183.21	683.82	4.833e+04	3.422e+04
		2.850e+04	3.299e+04	1.10e-04		0.0	1027.50	-1729.15	165.95	651.74	3.299e+04	5.710e+04
						24.8	1027.50	-432.92	165.95	167.58	3.711e+04	3.029e+04
201	9	6.912e+04	6.827e+04	-9.76e-04	-0.76	49.7	1027.50	843.98	165.95	-316.19	4.123e+04	3.544e+04
		3.829e+04	5.541e+04	1.30e-04		0.0	1269.09	-1932.62	258.99	3349.22	5.541e+04	6.912e+04
						24.8	1269.09	-430.38	258.99	2470.30	6.184e+04	3.980e+04
201	31	5.721e+04	6.602e+04	-1.64e-03	-0.61	49.7	1269.09	1059.67	258.99	1597.24	6.827e+04	4.764e+04
		3.033e+04	5.038e+04	-4.54e-05		0.0	1111.10	-1409.12	343.52	823.62	5.038e+04	5.721e+04
						24.8	1111.10	-272.98	343.52	82.78	5.820e+04	3.223e+04
201	34	4.665e+04	2.683e+04	2.03e-03	-0.56	49.7	1111.10	879.96	343.52	-1020.17	6.602e+04	3.621e+04
		2.493e+04	2.471e+04	2.48e-04		0.0	790.55	-1594.11	14.23	2338.12	2.471e+04	4.665e+04
						24.8	790.55	-422.75	14.23	1901.07	2.577e+04	2.575e+04
201	36	4.870e+04	3.043e+04	1.65e-03	-0.57	49.7	790.55	708.46	14.23	1830.83	2.683e+04	3.291e+04
		2.594e+04	2.785e+04	2.84e-04		0.0	748.08	-1532.04	26.94	1682.94	2.785e+04	4.870e+04
						24.8	748.08	-406.73	26.94	1325.43	2.914e+04	2.682e+04
201	37	5.517e+04	6.242e+04	-2.06e-03	-0.59	49.7	748.08	744.54	26.94	1330.57	3.043e+04	3.420e+04
		2.933e+04	4.724e+04	-7.86e-05		0.0	1153.57	-1471.19	330.80	1478.81	4.724e+04	5.517e+04
						24.8	1153.57	-289.00	330.80	658.42	5.483e+04	3.116e+04
201	43	5.610e+04	6.792e+04	-1.54e-03	-0.61	49.7	1153.57	843.88	330.80	-519.91	6.242e+04	3.491e+04
		2.973e+04	5.309e+04	-1.21e-04		0.0	1077.67	-1420.61	318.85	715.20	5.309e+04	5.610e+04
						24.8	1077.67	-288.49	318.85	26.35	6.050e+04	3.146e+04
201	46	4.777e+04	2.493e+04	1.97e-03	-0.55	49.7	1077.67	871.35	318.85	-962.53	6.792e+04	3.591e+04
		2.559e+04	2.200e+04	3.26e-04		0.0	823.98	-1582.61	38.90	2446.55	2.200e+04	4.777e+04
						24.8	823.98	-407.24	38.90	1957.50	2.347e+04	2.652e+04
201	63	5.864e+04	7.131e+04	-1.83e-03	-0.62	49.7	823.98	717.07	38.90	1773.19	2.493e+04	3.321e+04
		3.103e+04	5.384e+04	-8.25e-05		0.0	1154.42	-1384.13	388.01	617.30	5.384e+04	5.864e+04
						24.8	1154.42	-252.75	388.01	-164.05	6.258e+04	3.310e+04
201	66	4.523e+04	2.154e+04	2.33e-03	-0.56	49.7	1154.42	903.13	388.01	-1406.06	7.131e+04	3.666e+04
		2.417e+04	2.124e+04	2.88e-04		0.0	747.23	-1619.10	-30.27	2544.45	2.124e+04	4.523e+04
						24.8	747.23	-442.98	-30.27	2147.90	2.139e+04	2.488e+04
201	68	4.782e+04	2.611e+04	1.85e-03	-0.58	49.7	747.23	685.29	-30.27	2216.72	2.154e+04	3.246e+04
		2.545e+04	2.523e+04	3.33e-04		0.0	693.29	-1540.25	-14.11	1711.98	2.523e+04	4.782e+04
						24.8	693.29	-422.64	-14.11	1416.46	2.611e+04	2.624e+04
201	69	5.604e+04	6.675e+04	-2.36e-03	-0.59	49.7	693.29	731.12	-14.11	1580.99	2.511e+04	3.411e+04
						0.0	1208.36	-1462.97	371.86	1449.77	4.986e+04	5.604e+04

		2.975e+04	4.986e+04	-1.28e-04			24.8	1208.36	-273.10	371.86	567.39	5.830e+04	3.174e+04
							49.7	1208.36	857.30	371.86	-770.33	6.675e+04	3.501e+04
201	75	5.722e+04	7.373e+04	-1.71e-03	-0.62		0.0	1111.95	-1398.72	356.68	477.75	5.722e+04	5.722e+04
		3.026e+04	5.729e+04	-1.82e-04			24.8	1111.95	-272.45	356.68	-237.60	6.551e+04	3.213e+04
							49.7	1111.95	892.20	356.68	-1334.15	7.373e+04	3.628e+04
201	78	4.664e+04	1.912e+04	2.25e-03	-0.55		0.0	789.70	-1604.50	1.07	2684.00	1.780e+04	4.664e+04
		2.502e+04	1.780e+04	3.87e-04			24.8	789.70	-423.29	1.07	2221.45	1.846e+04	2.585e+04
							49.7	789.70	696.22	1.07	2144.81	1.912e+04	3.284e+04
201	79	5.050e+04	4.785e+04	-7.64e-04	-0.57		0.0	929.43	-1438.64	182.33	1838.28	3.879e+04	5.050e+04
		2.748e+04	3.879e+04	1.01e-04			24.8	929.43	-324.33	182.33	1220.36	4.332e+04	2.863e+04
							49.7	929.43	780.44	182.33	605.33	4.785e+04	3.431e+04
201	81	5.527e+04	4.311e+04	-1.33e-03	-0.62		0.0	1000.74	-1648.55	170.82	980.27	3.463e+04	5.527e+04
		2.824e+04	3.463e+04	1.07e-04			24.8	1000.74	-402.79	170.82	458.92	3.887e+04	2.983e+04
							49.7	1000.74	826.34	170.82	-61.34	4.311e+04	3.513e+04
201	82	5.624e+04	4.530e+04	-1.30e-03	-0.62		0.0	1018.05	-1661.23	178.44	1333.58	3.644e+04	5.624e+04
		2.908e+04	3.644e+04	1.07e-04			24.8	1018.05	-402.68	178.44	783.32	4.087e+04	3.064e+04
							49.7	1018.05	839.60	178.44	234.92	4.530e+04	3.611e+04
201	83	5.244e+04	5.222e+04	-7.07e-04	-0.58		0.0	964.06	-1464.00	197.56	2544.90	4.240e+04	5.244e+04
		2.912e+04	4.240e+04	9.97e-05			24.8	964.06	-324.09	197.56	1869.17	4.731e+04	3.025e+04
							49.7	964.06	806.97	197.56	1197.87	5.222e+04	5.227e+04
201	86	5.050e+04	4.785e+04	-7.64e-04	-0.57		0.0	929.43	-1438.64	182.33	1838.28	3.879e+04	5.050e+04
		2.748e+04	3.879e+04	1.01e-04			24.8	929.43	-324.33	182.33	1220.36	4.332e+04	2.863e+04
							49.7	929.43	780.44	182.33	605.33	4.785e+04	3.431e+04
201	87	5.289e+04	4.548e+04	-1.05e-03	-0.59		0.0	965.09	-1543.59	176.57	1409.27	3.671e+04	5.289e+04
		2.788e+04	3.671e+04	1.04e-04			24.8	965.09	-363.56	176.57	839.64	4.109e+04	2.923e+04
							49.7	965.09	803.39	176.57	271.99	4.548e+04	3.472e+04
201	88	5.089e+04	4.872e+04	-7.53e-04	-0.57		0.0	936.36	-1443.71	185.37	1979.60	3.951e+04	5.089e+04
		2.781e+04	3.951e+04	1.00e-04			24.8	936.36	-324.28	185.37	1350.12	4.412e+04	2.895e+04
							49.7	936.36	785.75	185.37	723.84	4.872e+04	3.471e+04
201	91	5.050e+04	4.785e+04	-7.64e-04	-0.57		0.0	929.43	-1438.64	182.33	1838.28	3.879e+04	5.050e+04
		2.748e+04	3.879e+04	1.01e-04			24.8	929.43	-324.33	182.33	1220.36	4.332e+04	2.863e+04
							49.7	929.43	780.44	182.33	605.33	4.785e+04	3.431e+04
201	92	5.193e+04	4.643e+04	-9.35e-04	-0.58		0.0	950.83	-1501.61	178.87	1580.87	3.310e+04	5.193e+04
		2.772e+04	3.754e+04	1.03e-04			24.8	950.83	-347.87	178.87	991.93	4.198e+04	2.899e+04
							49.7	950.83	794.21	178.87	405.33	4.643e+04	3.456e+04
202	3	4.589e+04	6.016e+04	-2.26e-03	-0.80		0.0	1313.77	-3130.10	68.74	1039.18	5.674e+04	4.589e+04
		-2.985e+04	5.674e+04	2.65e-04			24.8	1313.77	-1520.18	68.74	393.57	5.845e+04	-1.179e+04
							49.7	1313.77	61.38	68.74	-251.11	6.016e+04	-2.985e+04
202	5	3.421e+04	5.310e+04	-9.75e-04	-0.55		0.0	987.54	-2069.03	66.69	1353.52	4.979e+04	3.421e+04
		-1.509e+04	4.979e+04	2.09e-04			24.8	987.54	-989.87	66.69	730.03	5.144e+04	-3744.29
							49.7	987.54	77.01	66.69	108.27	5.310e+04	-1.505e+04
202	7	3.541e+04	4.539e+04	-1.81e-03	-0.62		0.0	1011.58	-2442.92	50.58	742.66	4.288e+04	3.541e+04
		-2.378e+04	4.288e+04	2.03e-04			24.8	1011.58	-1187.93	50.58	259.40	4.414e+04	-9627.46
							49.7	1011.58	44.32	50.58	-223.25	4.539e+04	-2.378e+04
202	9	4.763e+04	7.511e+04	-1.37e-03	-0.75		0.0	1365.10	-2839.73	97.46	2548.21	7.027e+04	4.763e+04
		-2.033e+04	7.027e+04	2.85e-04			24.8	1365.10	-1365.38	97.46	1680.07	2.269e+04	-4547.99
							49.7	1365.10	91.72	97.46	815.91	7.511e+04	-2.033e+04
202	11	4.847e+04	6.972e+04	-1.96e-03	-0.80		0.0	1381.93	-3101.46	86.18	2120.61	6.544e+04	4.847e+04
		-2.644e+04	6.544e+04	2.81e-04			24.8	1381.93	-1504.03	86.18	1350.63	6.758e+04	-8666.21
							49.7	1381.93	68.84	86.18	583.85	6.972e+04	-2.644e+04
202	15	3.718e+04	6.479e+04	-8.38e-04	-0.62		0.0	993.68	-1919.20	82.84	-931.11	5.887e+04	3.718e+04
		-1.218e+04	5.887e+04	2.22e-04			24.8	993.68	-880.11	82.84	-1212.60	6.183e+04	-2764.35
							49.7	993.68	143.97	82.84	-1596.74	6.479e+04	-1.195e+04
202	34	3.289e+04	2.829e+04	2.45e-03	-0.54		0.0	830.14	-2381.45	-86.58	3098.33	2.829e+04	3.289e+04
		-2.509e+04	2.443e+04	3.87e-04			24.8	830.14	-1230.33	-86.58	2101.50	2.636e+04	-8723.78
							49.7	830.14	-94.79	-86.58	1436.90	2.443e+04	-2.509e+04
202	36	3.420e+04	3.193e+04	2.09e-03	-0.56		0.0	789.98	-2263.61	-100.32	2252.50	3.193e+04	3.420e+04
		-2.334e+04	2.811e+04	4.26e-04			24.8	789.98	-1168.25	-100.32	1335.44	3.002e+04	-7785.87
							49.7	789.98	-79.76	-100.32	747.75	2.811e+04	-2.334e+04
202	37	3.490e+04	7.399e+04	-2.49e-03	-0.58		0.0	1199.87	-2081.80	225.64	114.95	6.395e+04	3.490e+04
		-1.212e+04	6.395e+04	-2.54e-05			24.8	1199.87	-921.40	225.64	-137.41	6.897e+04	-2962.26
							49.7	1199.87	215.45	225.64	-716.30	7.399e+04	-1.161e+04
202	39	3.600e+04	7.775e+04	-2.00e-03	-0.60		0.0	1139.85	-1989.16	181.15	-529.06	6.913e+04	3.600e+04
		-1.142e+04	6.913e+04	-7.27e-05			24.8	1139.85	-887.42	181.15	-901.94	7.344e+04	-2437.91
							49.7	1139.85	199.62	181.15	-1547.31	7.775e+04	-1.102e+04
202	42	3.309e+04	2.674e+04	2.40e-03	-0.54		0.0	850.00	-2356.26	-55.82	2896.51	2.674e+04	3.309e+04
		-2.393e+04	2.435e+04	4.88e-04			24.8	850.00	-1202.23	-55.82	2099.97	2.555e+04	-8310.22
							49.7	850.00	-63.93	-55.82	1578.76	2.435e+04	-2.393e+04
202	47	3.789e+04	6.851e+04	-7.37e-04	-0.63		0.0	993.35	-1850.70	88.30	-1503.07	6.182e+04	3.789e+04
		-1.075e+04	6.182e+04	2.25e-04			24.8	993.35	-835.60	88.30	-1702.73	6.516e+04	-2059.16
							49.7	993.35	164.55	88.30	-2033.11	6.851e+04	-1.046e+04
202	66	3.244e+04	2.298e+04	2.79e-03	-0.55		0.0	785.61	-2437.86	-126.90	3616.56	2.298e+04	3.244e+04
		-2.714e+04	1.724e+04	4.35e-04			24.8	785.61	-1280.46	-126.90	2508.64	2.011e+04	-9629.04
							49.7	785.61	-138.74	-126.90	1822.12	1.724e+04	-2.714e+04
202	68	3.410e+04	2.760e+04	2.32e-03	-0.57		0.0	734.60	-2288.18	-144.36	2541.96	2.760e+04	3.410e+04
		-2.493e+04	2.191e+04	4.85e-04			24.8	734.60	-1201.60	-144.36	1535.35	2.475e+04	-8437.69
							49.7	734.60	-119.65	-144.36	946.51	2.191e+04	-2.493e+04

202	69	3.499e+04	8.019e+04	-2.83e-03	-0.58	0.0	1255.25	-2057.24	269.68	-174.51	6.827e+04	3.499e+04
		-1.079e+04	6.827e+04	-7.06e-05		24.8	1255.25	-888.05	269.68	-337.32	7.423e+04	-2310.44
						49.7	1255.25	255.34	269.68	-915.06	8.019e+04	-1.002e+04
202	71	3.640e+04	8.496e+04	-2.21e-03	-0.61	0.0	1179.01	-1939.55	213.17	-993.19	7.486e+04	3.640e+04
		-9871.76	7.486e+04	-1.48e-04		24.8	1179.01	-844.89	213.17	-1309.08	7.991e+04	-1644.48
						49.7	1179.01	235.23	213.17	-1971.16	8.496e+04	-9270.59
202	74	3.269e+04	2.101e+04	2.73e-03	-0.54	0.0	810.84	-2405.86	-87.84	3360.64	2.101e+04	3.269e+04
		-2.568e+04	1.714e+04	5.63e-04		24.8	810.84	-1244.76	-87.84	2507.11	1.908e+04	-9103.65
						49.7	810.84	-99.54	-87.84	2002.61	1.714e+04	-2.568e+04
202	79	3.431e+04	5.259e+04	-1.04e-03	-0.56	0.0	990.11	-2097.93	65.88	1305.90	4.932e+04	3.431e+04
		-1.575e+04	4.932e+04	2.09e-04		24.8	990.11	-1005.21	65.88	693.14	5.095e+04	-4197.43
						49.7	990.11	74.38	65.88	82.03	5.259e+04	-1.573e+04
202	81	3.510e+04	4.745e+04	-1.60e-03	-0.60	0.0	1006.15	-2347.19	55.15	898.66	4.472e+04	3.510e+04
		-2.155e+04	4.472e+04	2.05e-04		24.8	1006.15	-1137.25	55.15	379.39	4.609e+04	-8119.54
						49.7	1006.15	52.59	55.15	-138.98	4.745e+04	-2.155e+04
202	83	3.626e+04	5.743e+04	-1.01e-03	-0.57	0.0	1040.37	-2153.61	74.29	1904.68	5.374e+04	3.626e+04
		-1.521e+04	5.374e+04	2.18e-04		24.8	1040.37	-1034.06	74.29	1237.06	5.558e+04	-3289.56
						49.7	1040.37	72.82	74.29	572.37	5.743e+04	-1.520e+04
202	85	3.682e+04	5.383e+04	-1.40e-03	-0.60	0.0	1051.59	-2328.10	66.78	1619.61	5.051e+04	3.682e+04
		-1.927e+04	5.051e+04	2.15e-04		24.8	1051.59	-1126.48	66.78	1017.43	5.217e+04	-6035.04
						49.7	1051.59	57.56	66.78	417.66	5.383e+04	-1.927e+04
202	86	3.431e+04	5.259e+04	-1.04e-03	-0.56	0.0	990.11	-2097.93	65.88	1305.90	4.932e+04	3.431e+04
		-1.575e+04	4.932e+04	2.09e-04		24.8	990.11	-1005.21	65.88	693.14	5.095e+04	-4197.43
						49.7	990.11	74.38	65.88	82.03	5.259e+04	-1.573e+04
202	87	3.470e+04	5.002e+04	-1.32e-03	-0.58	0.0	998.13	-2222.56	60.51	1102.28	4.702e+04	3.470e+04
		-1.864e+04	4.702e+04	2.07e-04		24.8	998.13	-1071.23	60.51	536.26	4.852e+04	-6158.49
						49.7	998.13	63.49	60.51	-28.48	5.002e+04	-1.864e+04
202	88	3.470e+04	5.356e+04	-1.03e-03	-0.56	0.0	1000.17	-2109.07	67.57	1425.65	5.020e+04	3.470e+04
		-1.564e+04	5.020e+04	2.11e-04		24.8	1000.17	-1010.98	67.57	801.92	5.188e+04	-4015.86
						49.7	1000.17	74.07	67.57	180.10	5.356e+04	-1.562e+04
202	90	3.494e+04	5.202e+04	-1.20e-03	-0.57	0.0	1004.97	-2183.84	64.34	1303.48	4.882e+04	3.494e+04
		-1.737e+04	4.882e+04	2.09e-04		24.8	1004.97	-1050.59	64.34	707.80	5.042e+04	-5192.49
						49.7	1004.97	67.53	64.34	113.79	5.202e+04	-1.737e+04
202	91	3.431e+04	5.259e+04	-1.04e-03	-0.56	0.0	990.11	-2097.93	65.88	1305.90	4.932e+04	3.431e+04
		-1.575e+04	4.932e+04	2.09e-04		24.8	990.11	-1005.21	65.88	693.14	5.095e+04	-4197.43
						49.7	990.11	74.38	65.88	82.03	5.259e+04	-1.573e+04
202	92	3.455e+04	5.105e+04	-1.21e-03	-0.57	0.0	994.92	-2172.71	62.66	1183.73	4.794e+04	3.455e+04
		-1.747e+04	4.794e+04	2.08e-04		24.8	994.92	-1044.82	62.66	599.02	4.949e+04	-5374.07
						49.7	994.92	67.85	62.66	15.73	5.105e+04	-1.747e+04
203	3	3.574e+04	9275.75	-7.43e-03	-0.94	0.0	335.95	-2536.33	631.59	-2195.49	-2.672e+04	3.574e+04
		-7626.23	-2.672e+04	-2.52e-03		28.5	335.95	-417.13	631.59	-2533.44	-8724.44	-6596.51
						57.0	335.95	1807.87	631.59	-2879.31	9275.75	1.297e+04
203	9	3.928e+04	9109.17	-6.48e-03	-0.88	0.0	295.37	-2493.41	649.46	-1872.56	-2.791e+04	3.928e+04
		-5632.93	-2.791e+04	-2.66e-03		28.5	295.37	-513.62	649.46	-2103.22	-9400.43	-3784.53
						57.0	295.37	1558.37	649.46	-2340.46	9109.17	1.088e+04
203	11	3.858e+04	9404.22	-7.18e-03	-0.94	0.0	320.57	-2601.17	652.68	-2010.84	-2.780e+04	3.858e+04
		-7006.93	-2.780e+04	-2.64e-03		28.5	320.57	-478.18	652.68	-2328.01	-9197.10	-5543.69
						57.0	320.57	1746.97	652.68	-2652.45	9404.22	1.229e+04
203	12	3.091e+04	6995.36	-4.86e-03	-0.67	0.0	221.36	-1922.10	503.03	-1384.46	-2.168e+04	3.091e+04
		-4071.72	-2.168e+04	-2.07e-03		28.5	221.36	-411.94	503.03	-1546.30	-7341.03	-2517.49
						57.0	221.36	1167.32	503.03	-1712.98	6995.36	8082.27
203	15	3.341e+04	8833.71	-6.18e-03	-0.73	0.0	116.61	-1688.23	275.56	-3384.15	-7024.59	3.341e+04
		553.18	-7024.59	-2.27e-03		28.5	116.61	-310.08	275.56	-3848.00	904.56	2040.90
						57.0	116.61	1388.75	275.56	-4327.10	8833.71	1.160e+04
203	18	2.281e+04	4895.49	5.09e-03	-0.61	0.0	355.07	-2019.84	689.37	254.88	-3.425e+04	2.281e+04
		-9830.10	-3.425e+04	-1.64e-03		28.5	355.07	-394.73	689.37	356.32	-1.468e+04	-9045.98
						57.0	355.07	1054.53	689.37	462.10	4895.49	5823.45
203	19	3.266e+04	8764.08	-6.11e-03	-0.73	0.0	115.32	-1695.99	278.03	-3309.91	-7332.96	3.266e+04
		53.08	-7332.96	-2.20e-03		28.5	115.32	-316.40	278.03	-3781.35	715.56	1495.54
						57.0	115.32	1382.95	278.03	-4268.02	8764.08	1.123e+04
203	22	2.356e+04	4965.12	4.64e-03	-0.61	0.0	356.37	-2012.08	686.89	180.64	-3.394e+04	2.356e+04
		-9330.00	-3.394e+04	-1.71e-03		28.5	356.37	-388.42	686.89	289.68	-1.449e+04	-8500.62
						57.0	356.37	1060.33	686.89	403.03	4965.12	6194.77
203	31	3.898e+04	8621.52	-7.29e-03	-0.70	0.0	169.32	-1700.25	287.68	-3993.39	-8227.08	3.898e+04
		3161.61	-8227.08	-2.02e-03		28.5	169.32	-263.05	287.68	-4144.36	197.22	4931.38
						57.0	169.32	1340.85	287.68	-4310.29	8621.52	1.433e+04
203	34	1.724e+04	5107.68	6.95e-03	-0.64	0.0	302.37	-2007.81	677.24	864.12	-3.304e+04	1.724e+04
		-1.254e+04	-3.304e+04	-1.89e-03		28.5	302.37	-441.76	677.24	652.68	-1.397e+04	-1.194e+04
						57.0	302.37	1102.42	677.24	445.29	5107.68	3092.73
203	47	3.484e+04	9365.65	-6.47e-03	-0.75	0.0	84.40	-1643.42	219.64	-3875.83	-3346.30	3.484e+04
		1956.10	-3346.30	-2.35e-03		28.5	84.40	-298.65	219.64	-4416.07	3009.67	3538.87
						57.0	84.40	1433.91	219.64	-4974.20	9365.65	1.238e+04
203	50	2.138e+04	4363.55	5.08e-03	-0.60	0.0	387.28	-2064.65	745.28	746.56	-3.793e+04	2.138e+04
		-1.127e+04	-3.793e+04	-1.55e-03		28.5	387.28	-406.17	745.28	924.39	-1.678e+04	-1.054e+04
						57.0	387.28	1009.37	745.28	1109.21	4363.55	5042.93
203	51	3.389e+04	9277.20	-6.39e-03	-0.75	0.0	82.75	-1653.27	222.78	-3781.55	-3737.90	3.389e+04
		1320.89	-3737.90	-2.26e-03		28.5	82.75	-306.67	222.78	-4331.45	2769.65	2846.17

						57.0	82.75	1426.54	222.78	-4899.22	9277.20	1.191e+04
203	54	2.233e+04	4452.00	4.52e-03	-0.60	0.0	388.93	-2054.80	742.14	652.28	-3.753e+04	2.233e+04
		-1.060e+04	-3.753e+04	-1.64e-03		28.5	388.93	-398.15	742.14	839.78	-1.654e+04	-9851.24
						57.0	388.93	1016.74	742.14	1034.22	4452.00	5514.56
203	63	4.192e+04	9096.26	-7.88e-03	-0.70	0.0	151.35	-1658.70	235.05	-4649.70	-4873.77	4.192e+04
		5269.36	-4873.77	-2.03e-03		28.5	151.35	-238.90	235.05	-4792.51	2111.24	7210.40
						57.0	151.35	1373.07	235.05	-4952.85	9096.26	1.585e+04
203	66	1.430e+04	4632.94	7.46e-03	-0.64	0.0	320.34	-2049.37	729.88	1520.44	-3.640e+04	1.430e+04
		-1.473e+04	-3.640e+04	-1.87e-03		28.5	320.34	-465.91	729.88	1300.83	-1.588e+04	-1.422e+04
						57.0	320.34	1070.21	729.88	1087.85	4632.94	1574.36
203	81	2.764e+04	7061.30	-5.56e-03	-0.71	0.0	252.64	-1925.88	484.61	-1656.82	-2.056e+04	2.764e+04
		-5554.46	-2.056e+04	-1.94e-03		28.5	252.64	-328.78	484.61	-1895.70	-6750.02	-4675.31
						57.0	252.64	1347.37	484.61	-2140.49	7061.30	9651.35
203	83	3.000e+04	6950.25	-4.92e-03	-0.67	0.0	225.59	-1897.26	496.52	-1441.53	-2.135e+04	3.000e+04
		-4225.59	-2.135e+04	-2.03e-03		28.5	225.59	-393.11	496.52	-1608.88	-7200.67	-2800.66
						57.0	225.59	1181.04	496.52	-1781.26	6950.25	8260.83
203	85	2.953e+04	7146.95	-5.39e-03	-0.71	0.0	242.40	-1969.10	498.67	-1533.72	-2.128e+04	2.953e+04
		-5141.59	-2.128e+04	-2.02e-03		28.5	242.40	-369.49	498.67	-1758.74	-7065.12	-3973.43
						57.0	242.40	1306.77	498.67	-1989.26	7146.95	9200.48
203	87	2.798e+04	6920.80	-5.22e-03	-0.68	0.0	240.64	-1874.56	483.08	-1590.97	-2.061e+04	2.798e+04
		-4900.17	-2.061e+04	-1.95e-03		28.5	240.64	-345.66	483.08	-1788.65	-6846.84	-3837.61
						57.0	240.64	1257.56	483.08	-1991.93	6920.80	8980.18
203	88	2.865e+04	6814.29	-4.90e-03	-0.66	0.0	228.03	-1838.05	484.54	-1508.41	-2.080e+04	2.865e+04
		-4241.83	-2.080e+04	-1.97e-03		28.5	228.03	-368.65	484.54	-1667.07	-6995.07	-2960.07
						57.0	228.03	1170.41	484.54	-1830.94	6814.29	8299.37
203	91	2.831e+04	6780.30	-4.89e-03	-0.65	0.0	228.64	-1823.24	481.54	-1525.12	-2.067e+04	2.831e+04
		-4245.89	-2.067e+04	-1.96e-03		28.5	228.64	-362.53	481.54	-1681.61	-6943.66	-2999.92
						57.0	228.64	1167.75	481.54	-1843.36	6780.30	8309.00
203	92	2.811e+04	6864.60	-5.09e-03	-0.67	0.0	235.84	-1854.03	482.46	-1564.63	-2.064e+04	2.811e+04
		-4638.46	-2.064e+04	-1.95e-03		28.5	235.84	-352.41	482.46	-1745.84	-6885.57	-3502.54
						57.0	235.84	1221.64	482.46	-1932.50	6864.60	8711.71
204	3	3.574e+04	-2.680e+04	-7.53e-03	-0.86	0.0	122.39	-1177.36	635.18	-3323.29	-6.301e+04	-6742.61
		-1.728e+04	-6.301e+04	-2.44e-03		28.5	122.39	727.40	635.18	-3640.24	-4.491e+04	-1.341e+04
						57.0	122.39	2739.71	635.18	-3968.56	-2.680e+04	3.574e+04
204	7	2.736e+04	-2.056e+04	-5.88e-03	-0.67	0.0	95.10	-917.18	487.99	-2573.78	-4.837e+04	-5633.39
		-1.386e+04	-4.837e+04	-1.87e-03		28.5	95.10	564.89	487.99	-2826.58	-3.446e+04	-1.085e+04
						57.0	95.10	2130.94	487.99	-3088.22	-2.056e+04	2.736e+04
204	9	3.929e+04	-2.791e+04	-6.66e-03	-0.81	0.0	97.08	-1096.20	654.12	-2809.92	-6.519e+04	-1219.06
		-1.093e+04	-6.519e+04	-2.57e-03		28.5	97.08	694.74	654.12	-3023.14	-4.655e+04	-7164.75
						57.0	97.08	2580.78	654.12	-3245.81	-2.791e+04	3.929e+04
204	11	3.858e+04	-2.782e+04	-7.32e-03	-0.86	0.0	105.02	-1181.35	656.71	-2964.27	-6.526e+04	-4229.51
		-1.478e+04	-6.526e+04	-2.55e-03		28.5	105.02	733.61	656.71	-3262.53	-4.654e+04	-1.086e+04
						57.0	105.02	2753.09	656.71	-3570.98	-2.782e+04	3.858e+04
204	12	3.091e+04	-2.166e+04	-5.01e-03	-0.62	0.0	69.79	-836.03	506.93	-2060.40	-5.056e+04	-109.84
		-7500.89	-5.056e+04	-2.00e-03		28.5	69.79	532.23	506.93	-2209.49	-3.611e+04	-4608.12
						57.0	69.79	1972.00	506.93	-2365.47	-2.166e+04	3.091e+04
204	15	3.341e+04	-6421.63	-6.84e-03	-0.68	0.0	-23.48	-645.51	345.62	-6748.42	-2.615e+04	2277.17
		-5563.69	-2.615e+04	-2.14e-03		28.5	-23.48	674.02	345.62	-7171.86	-1.629e+04	-3255.32
						57.0	-23.48	2215.80	345.62	-7619.49	-6421.63	3.341e+04
204	24	2.703e+04	-1.320e+04	6.73e-03	-0.67	0.0	-95.17	-866.41	487.92	-2954.99	-4.105e+04	-782.48
		-6890.89	-4.105e+04	-2.16e-03		28.5	-95.17	534.46	487.92	-3519.93	-2.713e+04	-4279.56
						57.0	-95.17	2087.87	487.92	-4097.11	-1.320e+04	2.703e+04
204	25	2.920e+04	-2.814e+04	-6.26e-03	-0.57	0.0	269.11	-792.05	483.78	-1877.61	-5.568e+04	-4220.14
		-1.282e+04	-5.568e+04	-1.62e-03		28.5	269.11	514.91	483.78	-1645.44	-4.191e+04	-9753.30
						57.0	269.11	1817.84	483.78	-1417.17	-2.814e+04	2.920e+04
204	31	3.898e+04	-7830.72	-9.49e-03	-0.65	0.0	139.55	-548.41	256.07	-8057.86	-2.244e+04	6025.31
		-6400.79	-2.244e+04	-1.64e-03		28.5	139.55	857.83	256.07	-8163.70	-1.514e+04	-4923.80
						57.0	139.55	2364.72	256.07	-8296.00	-7830.72	3.898e+04
204	34	1.724e+04	-3.351e+04	9.19e-03	-0.59	0.0	34.39	-1110.05	715.64	3225.26	-7.429e+04	-1.103e+04
		-1.467e+04	-7.429e+04	-2.15e-03		28.5	34.39	191.54	715.64	2998.33	-5.390e+04	-9109.06
						57.0	34.39	1540.99	715.64	2781.72	-3.351e+04	1.724e+04
204	38	1.732e+04	-3.317e+04	9.29e-03	-0.59	0.0	38.95	-1088.43	710.07	2946.07	-7.362e+04	-1.151e+04
		-1.497e+04	-7.362e+04	-2.21e-03		28.5	38.95	176.37	710.07	2734.37	-5.340e+04	-8992.53
						57.0	38.95	1513.50	710.07	2532.07	-3.317e+04	1.732e+04
204	47	3.484e+04	-2570.72	-7.28e-03	-0.69	0.0	-53.31	-595.86	307.72	-7919.14	-2.015e+04	3568.35
		-4404.01	-2.015e+04	-2.21e-03		28.5	-53.31	714.37	307.72	-8412.06	-1.136e+04	-2238.97
						57.0	-53.31	2286.85	307.72	-8933.52	-2570.72	3.484e+04
204	56	2.674e+04	-1.118e+04	7.14e-03	-0.68	0.0	-144.39	-876.45	488.47	-3100.71	-3.907e+04	-317.79
		-6089.63	-3.907e+04	-2.24e-03		28.5	-144.39	537.11	488.47	-3773.36	-2.513e+04	-3539.84
						57.0	-144.39	2124.37	488.47	-4459.38	-1.118e+04	2.674e+04
204	57	2.949e+04	-3.016e+04	-6.54e-03	-0.56	0.0	318.33	-782.01	483.23	-1731.89	-5.766e+04	-4684.82
		-1.362e+04	-5.766e+04	-1.55e-03		28.5	318.33	512.26	483.23	-1392.01	-4.391e+04	-1.049e+04
						57.0	318.33	1781.34	483.23	-1054.89	-3.016e+04	2.949e+04
204	63	4.192e+04	-4360.60	-0.01	-0.66	0.0	153.76	-472.52	193.97	-9582.44	-1.544e+04	8329.37
		-5676.33	-1.544e+04	-1.57e-03		28.5	153.76	947.86	193.97	-9671.93	-9900.22	-4358.31
						57.0	153.76	2476.02	193.97	-9792.85	-4360.60	4.192e+04
204	66	1.430e+04	-3.698e+04	0.01	-0.58	0.0	20.18	-1185.94	777.73	4749.83	-8.129e+04	-1.333e+04

		-1.628e+04	-8.129e+04	-2.22e-03		28.5	20.18	101.51	777.73	4506.57	-5.914e+04	-9674.55
						57.0	20.18	1429.70	777.73	4278.58	-3.698e+04	1.430e+04
204	70	1.440e+04	-3.655e+04	0.01	-0.58	0.0	25.97	-1158.47	770.67	4395.24	-8.045e+04	-1.395e+04
		-1.667e+04	-8.045e+04	-2.29e-03		28.5	25.97	82.24	770.67	4171.31	-5.850e+04	-9526.57
						57.0	25.97	1394.78	770.67	3961.51	-3.655e+04	1.440e+04
204	81	2.764e+04	-2.062e+04	-5.64e-03	-0.65	0.0	92.26	-885.99	487.58	-2519.20	-4.841e+04	-4508.28
		-1.242e+04	-4.841e+04	-1.88e-03		28.5	92.26	550.60	487.58	-2742.27	-3.451e+04	-9477.48
						57.0	92.26	2067.73	487.58	-2973.91	-2.062e+04	2.764e+04
204	83	3.000e+04	-2.135e+04	-5.06e-03	-0.62	0.0	75.39	-831.89	500.21	-2176.95	-4.986e+04	-825.91
		-8186.32	-4.986e+04	-1.97e-03		28.5	75.39	528.83	500.21	-2330.88	-3.561e+04	-5315.35
						57.0	75.39	1961.77	500.21	-2492.08	-2.135e+04	3.000e+04
204	85	2.953e+04	-2.130e+04	-5.50e-03	-0.65	0.0	80.68	-888.65	501.94	-2279.86	-4.991e+04	-2832.88
		-1.075e+04	-4.991e+04	-1.95e-03		28.5	80.68	554.74	501.94	-2490.47	-3.560e+04	-7776.41
						57.0	80.68	2076.65	501.94	-2708.86	-2.130e+04	2.953e+04
204	87	2.798e+04	-2.066e+04	-5.33e-03	-0.63	0.0	88.48	-845.45	486.35	-2445.70	-4.838e+04	-3074.73
		-1.059e+04	-4.838e+04	-1.89e-03		28.5	88.48	532.09	486.35	-2628.28	-3.452e+04	-7719.59
						57.0	88.48	1985.68	486.35	-2819.07	-2.066e+04	2.798e+04
204	88	2.865e+04	-2.083e+04	-5.02e-03	-0.61	0.0	82.84	-810.30	488.13	-2333.15	-4.865e+04	-1478.13
		-8641.15	-4.865e+04	-1.91e-03		28.5	82.84	516.63	488.13	-2477.61	-3.474e+04	-5832.42
						57.0	82.84	1915.25	488.13	-2629.80	-2.083e+04	2.865e+04
204	90	2.845e+04	-2.080e+04	-5.21e-03	-0.62	0.0	85.11	-834.63	488.87	-2377.25	-4.867e+04	-2338.25
		-9741.61	-4.867e+04	-1.91e-03		28.5	85.11	527.73	488.87	-2546.00	-3.474e+04	-6887.16
						57.0	85.11	1964.49	488.87	-2722.71	-2.080e+04	2.845e+04
204	91	2.831e+04	-2.070e+04	-5.01e-03	-0.60	0.0	84.70	-804.90	485.11	-2372.20	-4.835e+04	-1641.18
		-8754.86	-4.835e+04	-1.90e-03		28.5	84.70	513.58	485.11	-2514.29	-3.452e+04	-5961.69
						57.0	84.70	1903.62	485.11	-2664.23	-2.070e+04	2.831e+04
204	92	2.811e+04	-2.067e+04	-5.20e-03	-0.62	0.0	86.97	-829.23	485.85	-2416.30	-4.837e+04	-2501.31
		-9855.31	-4.837e+04	-1.89e-03		28.5	86.97	524.68	485.85	-2582.68	-3.452e+04	-7016.43
						57.0	86.97	1952.86	485.85	-2757.14	-2.067e+04	2.811e+04
205	4	2.829e+04	-5.512e+04	-9.19e-04	-1.03	0.0	961.16	-1896.87	396.85	1.137e+04	-7.747e+04	535.82
		-2.064e+04	-7.747e+04	1.88e-04		28.2	961.16	490.74	396.85	9191.84	-6.630e+04	-1.929e+04
						56.3	961.16	2891.44	396.85	7045.01	-5.512e+04	2.829e+04
205	5	1.883e+04	-4.466e+04	-8.43e-04	-0.70	0.0	664.45	-1262.32	362.36	1.171e+04	-6.506e+04	778.74
		-1.338e+04	-6.506e+04	1.22e-04		28.2	664.45	318.63	362.36	1.004e+04	-5.486e+04	-1.253e+04
						56.3	664.45	1911.55	362.36	8405.06	-4.466e+04	1.883e+04
205	7	2.123e+04	-3.936e+04	-6.75e-04	-0.79	0.0	708.37	-1453.50	272.07	7174.94	-5.468e+04	129.91
		-1.612e+04	-5.468e+04	1.47e-04		28.2	708.37	373.04	272.07	5585.37	-4.702e+04	-1.510e+04
						56.3	708.37	2209.20	272.07	4012.82	-3.936e+04	2.123e+04
205	9	2.686e+04	-6.360e+04	-1.11e-03	-0.96	0.0	962.49	-1735.57	518.80	1.738e+04	-9.281e+04	1454.22
		-1.793e+04	-9.281e+04	1.62e-04		28.2	962.49	448.46	518.80	1.503e+04	-7.820e+04	-1.670e+04
						56.3	962.49	2648.31	518.80	1.272e+04	-6.360e+04	2.686e+04
205	11	2.853e+04	-5.989e+04	-9.97e-04	-1.02	0.0	993.24	-1869.40	455.60	1.420e+04	-8.554e+04	1000.05
		-1.985e+04	-8.554e+04	1.79e-04		28.2	993.24	486.55	455.60	1.191e+04	-7.271e+04	-1.850e+04
						56.3	993.24	2856.67	455.60	9647.77	-5.989e+04	2.853e+04
205	28	2.113e+04	-5.016e+04	-1.80e-03	-0.72	0.0	975.54	-1320.91	484.64	1.149e+04	-7.530e+04	1799.18
		-1.248e+04	-7.530e+04	5.58e-05		28.2	975.54	338.58	484.64	1.005e+04	-6.273e+04	-1.154e+04
						56.3	975.54	1980.39	484.64	8601.99	-5.016e+04	2.113e+04
205	29	1.789e+04	-3.633e+04	1.01e-03	-0.73	0.0	378.06	-1310.45	190.41	9414.59	-4.921e+04	-585.85
		-1.579e+04	-4.921e+04	2.07e-04		28.2	378.06	329.14	190.41	7571.58	-4.277e+04	-1.494e+04
						56.3	378.06	2008.95	190.41	5777.83	-3.633e+04	1.789e+04
205	30	1.568e+04	-2.386e+04	7.14e-04	-0.70	0.0	478.91	-1367.08	246.26	1.269e+04	-3.563e+04	-1820.56
		-1.684e+04	-3.563e+04	-4.31e-05		28.2	478.91	309.17	246.26	1.115e+04	-2.974e+04	-1.610e+04
						56.3	478.91	1934.29	246.26	9666.89	-2.386e+04	1.568e+04
205	43	2.402e+04	-6.799e+04	-1.65e-03	-0.78	0.0	583.21	-1214.37	280.19	4815.40	-9.085e+04	3207.49
		-1.174e+04	-9.085e+04	5.60e-04		28.2	583.21	371.55	280.19	2682.41	-7.942e+04	-1.062e+04
						56.3	583.21	2126.02	280.19	548.41	-6.799e+04	2.402e+04
205	46	1.501e+04	-1.851e+04	3.21e-04	-0.67	0.0	770.39	-1416.99	394.86	1.609e+04	-3.366e+04	-1994.15
		-1.655e+04	-3.366e+04	-3.01e-04		28.2	770.39	296.16	394.86	1.493e+04	-2.603e+04	-1.586e+04
						56.3	770.39	1863.32	394.86	1.383e+04	-1.851e+04	1.501e+04
205	60	2.157e+04	-5.203e+04	-2.08e-03	-0.72	0.0	1056.28	-1322.31	524.39	1.177e+04	-7.882e+04	2121.65
		-1.203e+04	-7.882e+04	4.16e-05		28.2	1056.28	339.85	524.39	1.038e+04	-6.543e+04	-1.108e+04
						56.3	1056.28	1976.53	524.39	8983.73	-5.203e+04	2.157e+04
205	61	1.746e+04	-3.446e+04	1.07e-03	-0.74	0.0	297.32	-1309.05	150.66	9133.58	-4.569e+04	-908.32
		-1.624e+04	-4.569e+04	2.28e-04		28.2	297.32	327.86	150.66	7237.17	-4.008e+04	-1.540e+04
						56.3	297.32	2012.81	150.66	5396.09	-3.446e+04	1.746e+04
205	62	1.465e+04	-1.862e+04	8.77e-04	-0.70	0.0	425.43	-1380.98	221.61	1.329e+04	-2.843e+04	-2477.38
		-1.758e+04	-2.843e+04	-8.97e-05		28.2	425.43	302.50	221.61	1.178e+04	-2.352e+04	-1.687e+04
						56.3	425.43	1917.98	221.61	1.034e+04	-1.862e+04	1.465e+04
205	75	2.523e+04	-7.467e+04	-1.88e-03	-0.79	0.0	557.91	-1186.99	264.69	3291.83	-9.858e+04	3911.63
		-1.109e+04	-9.858e+04	6.76e-04		28.2	557.91	381.74	264.69	1027.06	-8.663e+04	-9914.42
						56.3	557.91	2161.51	264.69	-1246.25	-7.467e+04	2.523e+04
205	78	1.379e+04	-1.182e+04	2.96e-04	-0.66	0.0	795.69	-1444.37	410.35	1.762e+04	-2.593e+04	-2698.29
		-1.723e+04	-2.593e+04	-4.18e-04		28.2	795.69	285.98	410.35	1.659e+04	-1.888e+04	-1.657e+04
						56.3	795.69	1827.83	410.35	1.563e+04	-1.182e+04	1.379e+04
205	79	1.903e+04	-4.431e+04	-8.27e-04	-0.71	0.0	668.02	-1277.44	355.58	1.136e+04	-6.433e+04	736.43
		-1.359e+04	-6.433e+04	1.25e-04		28.2	668.02	322.98	355.58	9699.51	-5.432e+04	-1.273e+04
						56.3	668.02	1935.14	355.58	8068.36	-4.431e+04	1.903e+04

205	81	2.063e+04 -4.077e+04 -1.541e+04 -5.741e+04	-7.15e-04 1.41e-04	-0.77	0.0 28.2 56.3	697.30 697.30 697.30	-1404.90 359.25 2133.57	295.39 295.39 295.39	8338.64 -5.741e+04 6729.16 -4.909e+04 -1.444e+04 5140.20 -4.077e+04 2.063e+04	303.88
205	82	2.127e+04 -4.289e+04 -1.543e+04 -6.071e+04	-7.33e-04 1.40e-04	-0.78	0.0 28.2 56.3	727.46 727.46 727.46	-1424.82 367.33 2169.92	316.49 316.49 316.49	9323.90 -6.071e+04 7648.75 -5.180e+04 -1.443e+04 5996.92 -4.289e+04 2.127e+04	483.61
205	83	2.031e+04 -4.854e+04 -1.363e+04 -7.094e+04	-8.63e-04 1.23e-04	-0.73	0.0 28.2 56.3	728.35 728.35 728.35	-1317.29 339.14 2007.83	397.80 397.80 397.80	1.333e+04 -7.094e+04 1.154e+04 -5.974e+04 -1.270e+04 9781.80 -4.854e+04 2.031e+04	1095.88
205	85	2.143e+04 -4.607e+04 -1.490e+04 -6.609e+04	-7.85e-04 1.34e-04	-0.77	0.0 28.2 56.3	748.85 748.85 748.85	-1406.51 364.53 2146.73	355.66 355.66 355.66	1.122e+04 -6.609e+04 9459.44 -5.608e+04 -1.390e+04 7732.09 -4.607e+04 2.143e+04	793.09
205	86	1.903e+04 -4.431e+04 -1.359e+04 -6.433e+04	-8.27e-04 1.25e-04	-0.71	0.0 28.2 56.3	668.02 668.02 668.02	-1277.44 322.98 1935.14	355.58 355.58 355.58	1.136e+04 -6.433e+04 9699.51 -5.432e+04 -1.273e+04 8068.36 -4.431e+04 1.903e+04	736.43
205	87	1.983e+04 -4.254e+04 -1.450e+04 -6.087e+04	-7.71e-04 1.33e-04	-0.74	0.0 28.2 56.3	682.66 682.66 682.66	-1341.17 341.11 2034.36	355.58 325.48 325.48	8068.36 -4.431e+04 1.903e+04 9849.44 -6.087e+04 520.16 8214.33 -5.171e+04 -1.358e+04	520.16
205	88	1.929e+04 -4.515e+04 -1.360e+04 -6.565e+04	-8.34e-04 1.24e-04	-0.71	0.0 28.2 56.3	680.08 680.08 680.08	-1285.41 326.21 1949.68	364.02 364.02 364.02	1.175e+04 -6.565e+04 1.007e+04 -5.540e+04 -1.272e+04 8411.05 -4.515e+04 1.929e+04	808.32
205	90	1.977e+04 -4.409e+04 -1.414e+04 -6.358e+04	-8.01e-04 1.29e-04	-0.73	0.0 28.2 56.3	688.87 688.87 688.87	-1323.65 337.09 2009.21	345.97 345.97 345.97	1.085e+04 -6.358e+04 9176.24 -5.383e+04 -1.324e+04 7532.60 -4.409e+04 1.977e+04	678.56
205	91	1.903e+04 -4.431e+04 -1.359e+04 -6.433e+04	-8.27e-04 1.25e-04	-0.71	0.0 28.2 56.3	668.02 668.02 668.02	-1277.44 322.98 1935.14	355.58 355.58 355.58	1.136e+04 -6.433e+04 9699.51 -5.432e+04 -1.273e+04 8068.36 -4.431e+04 1.903e+04	736.43
205	92	1.951e+04 -4.325e+04 -1.413e+04 -6.225e+04	-7.94e-04 1.29e-04	-0.73	0.0 28.2 56.3	676.80 676.80 676.80	-1315.68 333.86 1994.67	337.52 337.52 337.52	1.045e+04 -6.225e+04 8808.40 -5.275e+04 -1.324e+04 7189.91 -4.325e+04 1.951e+04	606.67
206	4	4.335e+04 -2.936e+04 1339.25 -5.377e+04	-8.54e-04 3.31e-05	-1.04	0.0 28.2 56.3	756.14 756.14 756.14	-2148.17 265.80 2691.87	433.36 433.36 433.36	4372.21 -5.377e+04 2.827e+04 2242.79 -4.156e+04 1742.49 120.21 -2.936e+04 4.335e+04	
206	5	2.841e+04 -2.312e+04 697.84 -4.384e+04	-7.99e-04 9.17e-06	-0.71	0.0 28.2 56.3	493.21 493.21 493.21	-1436.41 168.56 1784.82	367.93 367.93 367.93	6455.55 -4.384e+04 1.881e+04 4842.39 -3.348e+04 936.89 3243.99 -2.312e+04 2.841e+04	
206	7	3.274e+04 -2.111e+04 618.04 -3.831e+04	-6.32e-04 3.43e-05	-0.79	0.0 28.2 56.3	556.94 556.94 556.94	-1642.63 203.32 2058.23	305.43 305.43 305.43	2011.06 -3.831e+04 2.121e+04 447.70 -2.971e+04 926.66 -1114.29 -2.111e+04 3.274e+04	
206	9	4.031e+04 -3.295e+04 1927.57 -6.246e+04	-1.04e-03 -2.18e-05	-0.97	0.0 28.2 56.3	732.99 732.99 732.99	-1978.77 236.94 2467.36	523.88 523.88 523.88	1.003e+04 -6.246e+04 2.683e+04 7756.66 -4.770e+04 2272.61 5510.59 -3.295e+04 4.031e+04	
206	11	4.334e+04 -3.154e+04 1871.71 -5.859e+04	-9.22e-04 1.99e-05	-1.03	0.0 28.2 56.3	777.60 777.60 777.60	-2123.12 261.28 2658.74	480.13 480.13 480.13	6915.23 -5.859e+04 2.851e+04 4680.38 -4.507e+04 2265.45 2459.79 -3.154e+04 4.334e+04	
206	24	3.205e+04 -2.500e+04 2497.35 -5.021e+04	-1.44e-03 -4.17e-05	-0.73	0.0 28.2 56.3	783.81 783.81 783.81	-1527.45 179.66 1870.08	488.73 488.73 488.73	6970.62 -5.021e+04 2.129e+04 5463.50 -3.761e+04 2761.82 3963.64 -2.500e+04 3.205e+04	
206	25	2.720e+04 -2.020e+04 -1130.68 -3.451e+04	1.08e-04 5.14e-05	-0.74	0.0 28.2 56.3	237.37 237.37 237.37	-1460.74 176.57 1851.79	213.02 213.02 213.02	3479.91 -3.451e+04 1.770e+04 1787.91 -2.736e+04 -879.21 110.77 -2.020e+04 2.720e+04	
206	43	3.412e+04 -4.117e+04 4327.64 -6.692e+04	-1.49e-03 3.31e-04	-0.79	0.0 28.2 56.3	422.67 422.67 422.67	-1354.31 204.25 1975.53	281.26 281.26 281.26	-889.47 -6.692e+04 2.398e+04 -3059.79 -5.404e+04 4611.63 -5243.00 -4.117e+04 3.412e+04	
206	46	2.513e+04 -4030.98 -2960.96 -1.780e+04	3.10e-05 -3.21e-04	-0.67	0.0 28.2 56.3	598.51 598.51 598.51	-1633.88 151.99 1746.35	420.50 420.50 420.50	1.134e+04 -1.780e+04 1.501e+04 1.031e+04 -1.092e+04 -2729.02 9317.42 -4030.98 2.513e+04	
206	56	3.270e+04 -2.565e+04 2987.58 -5.234e+04	-1.62e-03 -5.43e-05	-0.73	0.0 28.2 56.3	857.64 857.64 857.64	-1536.47 180.09 1872.55	525.98 525.98 525.98	7442.38 -5.234e+04 2.177e+04 5960.22 -3.899e+04 3253.80 4484.31 -2.565e+04 3.270e+04	
206	57	2.655e+04 -1.955e+04 -1620.91 -3.239e+04	1.23e-04 6.39e-05	-0.74	0.0 28.2 56.3	163.53 163.53 163.53	-1451.71 176.15 1849.32	175.78 175.78 175.78	3008.16 -3.239e+04 1.721e+04 1291.19 -2.597e+04 -1371.19 -409.89 -1.955e+04 2.655e+04	
206	75	3.534e+04 -4.619e+04 5313.45 -7.356e+04	-1.69e-03 4.19e-04	-0.81	0.0 28.2 56.3	398.91 398.91 398.91	-1316.54 211.31 2006.50	262.44 262.44 262.44	-2541.85 -7.356e+04 2.519e+04 -4866.41 -5.987e+04 5604.46 -7210.33 -4.619e+04 3.534e+04	
206	78	2.391e+04 987.54 -3946.78 -1.117e+04	1.91e-04 -4.09e-04	-0.66	0.0 28.2 56.3	622.27 622.27 622.27	-1671.64 144.93 1715.38	439.31 439.31 439.31	1.299e+04 -1.117e+04 1.380e+04 1.212e+04 -5089.84 -3721.85 1.128e+04 987.54 2.391e+04	
206	79	2.876e+04 -2.300e+04 699.30 -4.347e+04	-7.83e-04 1.06e-05	-0.72	0.0 28.2 56.3	497.84 497.84 497.84	-1452.85 171.16 1806.26	363.38 363.38 363.38	6114.16 -4.347e+04 1.901e+04 4504.65 -3.323e+04 943.35 2908.86 -2.300e+04 2.876e+04	
206	81	3.165e+04 -2.166e+04 646.10 -3.978e+04	-6.72e-04 2.60e-05	-0.77	0.0 28.2 56.3	540.33 540.33 540.33	-1590.33 194.34 1988.53	321.71 321.71 321.71	3151.17 -3.978e+04 2.061e+04 1574.86 -3.072e+04 936.53 3.34 -2.166e+04 3.165e+04	
206	82	3.251e+04 -2.272e+04 985.11 -4.189e+04	-6.84e-04 2.14e-05	-0.78	0.0 28.2	567.39 567.39	-1614.87 198.28	340.39 340.39	3957.62 -4.189e+04 2.125e+04 2320.98 -3.230e+04 1283.13	

						56.3	567.39	2021.12	340.39	691.41	-2.272e+04	3.251e+04
206	83	3.048e+04	-2.511e+04	-8.07e-04	-0.74	0.0	551.95	-1501.94	400.74	7727.07	-4.768e+04	2.029e+04
		1377.32	-4.768e+04	-1.74e-05		28.2	551.95	179.05	400.74	5996.89	-3.640e+04	1636.54
						56.3	551.95	1871.45	400.74	4285.00	-2.511e+04	3.048e+04
206	85	3.250e+04	-2.417e+04	-7.29e-04	-0.78	0.0	581.69	-1598.17	371.57	5652.97	-4.510e+04	2.141e+04
		1340.08	-4.510e+04	1.35e-05		28.2	581.69	195.27	371.57	3946.03	-3.464e+04	1631.77
						56.3	581.69	1999.04	371.57	2251.13	-2.417e+04	3.250e+04
206	86	2.876e+04	-2.300e+04	-7.83e-04	-0.72	0.0	497.84	-1452.85	363.38	6114.16	-4.347e+04	1.901e+04
		699.30	-4.347e+04	1.06e-05		28.2	497.84	171.16	363.38	4504.65	-3.323e+04	943.35
						56.3	497.84	1806.26	363.38	2908.86	-2.300e+04	2.876e+04
206	87	3.020e+04	-2.233e+04	-7.28e-04	-0.74	0.0	519.09	-1521.59	342.54	4632.67	-4.162e+04	1.981e+04
		672.70	-4.162e+04	1.71e-05		28.2	519.09	182.75	342.54	3039.75	-3.198e+04	939.94
						56.3	519.09	1897.39	342.54	1456.10	-2.233e+04	3.020e+04
206	88	2.910e+04	-2.342e+04	-7.88e-04	-0.72	0.0	508.67	-1462.67	370.85	6436.74	-4.431e+04	1.927e+04
		834.90	-4.431e+04	9.62e-06		28.2	508.67	172.74	370.85	4803.09	-3.387e+04	1081.99
						56.3	508.67	1819.30	370.85	3184.09	-2.342e+04	2.910e+04
206	90	2.997e+04	-2.302e+04	-7.55e-04	-0.74	0.0	521.41	-1503.91	358.35	5547.85	-4.320e+04	1.975e+04
		818.94	-4.320e+04	1.31e-05		28.2	521.41	179.69	358.35	3924.16	-3.311e+04	1079.94
						56.3	521.41	1873.98	358.35	2312.43	-2.302e+04	2.997e+04
206	91	2.876e+04	-2.300e+04	-7.83e-04	-0.72	0.0	497.84	-1452.85	363.38	6114.16	-4.347e+04	1.901e+04
		699.30	-4.347e+04	1.06e-05		28.2	497.84	171.16	363.38	4504.65	-3.323e+04	943.35
						56.3	497.84	1806.26	363.38	2908.86	-2.300e+04	2.876e+04
206	92	2.962e+04	-2.260e+04	-7.50e-04	-0.73	0.0	510.59	-1494.09	350.88	5225.27	-4.236e+04	1.949e+04
		683.34	-4.236e+04	1.43e-05		28.2	510.59	178.12	350.88	3625.71	-3.248e+04	941.30
						56.3	510.59	1860.94	350.88	2037.21	-2.260e+04	2.962e+04
207	4	4.361e+04	-6572.02	5.24e-04	-1.04	0.0	556.07	-2432.11	394.27	-1667.03	-2.877e+04	4.332e+04
		9117.47	-2.877e+04	-5.63e-05		28.2	556.07	3.94	394.27	-3791.96	-1.767e+04	9117.47
						56.3	556.07	2447.36	394.27	-5928.47	-6572.02	4.361e+04
207	5	2.838e+04	-4407.98	5.88e-04	-0.72	0.0	330.44	-1631.93	326.61	1838.09	-2.280e+04	2.838e+04
		5306.83	-2.280e+04	-7.50e-05		28.2	330.44	-5.74	326.61	247.44	-1.360e+04	5306.83
						56.3	330.44	1628.73	326.61	-1342.45	-4407.98	2.814e+04
207	9	4.027e+04	-6388.58	7.29e-04	-0.98	0.0	508.35	-2252.71	464.28	3570.23	-3.253e+04	4.027e+04
		8397.72	-3.253e+04	-1.19e-04		28.2	508.35	-9.63	464.28	1338.01	-1.946e+04	8397.72
						56.3	508.35	2243.71	464.28	-890.13	-6388.58	3.983e+04
207	11	4.331e+04	-6700.65	5.88e-04	-1.04	0.0	564.86	-2409.85	431.79	581.68	-3.101e+04	4.331e+04
		9340.96	-3.101e+04	-8.58e-05		28.2	564.86	-1.50	431.79	-1634.26	-1.886e+04	9340.96
						56.3	564.86	2415.13	431.79	-3855.19	-6700.65	4.330e+04
207	34	2.588e+04	7725.35	3.07e-04	-0.66	0.0	577.89	-1902.19	192.99	8868.79	-5265.08	2.588e+04
		1264.59	-5265.08	-1.66e-04		28.2	577.89	-46.68	192.99	8041.94	1230.13	1264.59
						56.3	577.89	1564.62	192.99	7240.56	7725.35	2.564e+04
207	36	2.754e+04	6370.98	-2.38e-04	-0.68	0.0	657.72	-1862.83	242.09	7812.93	-9264.51	2.754e+04
		2395.09	-9264.51	-1.73e-04		28.2	657.72	-40.38	242.09	6867.12	-1446.77	2395.09
						56.3	657.72	1600.27	242.09	5942.97	6370.98	2.709e+04
207	37	3.194e+04	-1.548e+04	8.28e-04	-0.80	0.0	46.54	-1526.50	386.04	-6501.09	-3.522e+04	3.165e+04
		8969.21	-3.522e+04	4.98e-05		28.2	46.54	35.05	386.04	-8724.07	-2.535e+04	8969.21
						56.3	46.54	1793.32	386.04	-1.097e+04	-1.548e+04	3.194e+04
207	38	2.556e+04	7406.69	2.69e-04	-0.66	0.0	558.32	-1894.09	184.53	8376.90	-5058.78	2.556e+04
		913.56	-5058.78	-1.71e-04		28.2	558.32	-45.91	184.53	7508.01	1173.95	913.56
						56.3	558.32	1571.05	184.53	6663.00	7406.69	2.528e+04
207	43	3.408e+04	-1.566e+04	-1.27e-03	-0.81	0.0	206.93	-1512.26	465.05	-5516.17	-4.053e+04	3.408e+04
		9621.19	-4.053e+04	1.52e-04		28.2	206.93	38.98	465.05	-7721.07	-2.810e+04	9621.19
						56.3	206.93	1808.49	465.05	-9950.25	-1.566e+04	3.322e+04
207	66	2.487e+04	1.104e+04	5.34e-04	-0.64	0.0	638.90	-1958.27	160.27	1.109e+04	-677.81	2.487e+04
		70.95	-677.81	-1.94e-04		28.2	638.90	-58.58	160.27	1.047e+04	5183.15	70.95
						56.3	638.90	1528.90	160.27	9877.13	1.104e+04	2.459e+04
207	68	2.699e+04	9323.65	-1.60e-04	-0.66	0.0	740.29	-1908.28	222.64	9747.10	-5757.86	2.699e+04
		1506.84	-5757.86	-2.03e-04		28.2	740.29	-50.57	222.64	8973.85	1782.90	1506.84
						56.3	740.29	1574.18	222.64	8228.89	9323.65	2.643e+04
207	69	3.260e+04	-1.843e+04	9.08e-04	-0.82	0.0	-36.04	-1481.06	405.49	-8435.26	-3.872e+04	3.220e+04
		9857.46	-3.872e+04	7.99e-05		28.2	-36.04	45.24	405.49	-1.083e+04	-2.858e+04	9857.46
						56.3	-36.04	1819.41	405.49	-1.326e+04	-1.843e+04	3.260e+04
207	70	2.447e+04	1.064e+04	4.85e-04	-0.65	0.0	614.04	-1947.98	149.53	1.046e+04	-415.60	2.447e+04
		-375.03	-415.60	-2.00e-04		28.2	614.04	-57.60	149.53	9787.95	5111.90	-375.03
						56.3	614.04	1537.06	149.53	9143.52	1.064e+04	2.414e+04
207	75	3.529e+04	-1.866e+04	-1.46e-03	-0.83	0.0	167.70	-1462.96	505.86	-7184.10	-4.547e+04	3.529e+04
		1.069e+04	-4.547e+04	2.10e-04		28.2	167.70	50.24	505.86	-9556.68	-3.207e+04	1.069e+04
						56.3	167.70	1838.66	505.86	-1.196e+04	-1.866e+04	3.423e+04
207	79	2.873e+04	-4466.01	5.70e-04	-0.72	0.0	335.98	-1649.77	323.35	1509.79	-2.267e+04	2.873e+04
		5412.65	-2.267e+04	-7.12e-05		28.2	335.98	-4.99	323.35	-79.25	-1.357e+04	5412.65
						56.3	335.98	1647.82	323.35	-1668.54	-4466.01	2.852e+04
207	82	3.262e+04	-4938.13	4.38e-04	-0.79	0.0	411.82	-1829.48	308.13	-691.18	-2.229e+04	3.248e+04
		6729.46	-2.229e+04	-4.96e-05		28.2	411.82	1.46	308.13	-2320.75	-1.361e+04	6729.46
						56.3	411.82	1838.56	308.13	-3957.39	-4938.13	3.262e+04
207	83	3.045e+04	-4815.83	5.74e-04	-0.74	0.0	380.00	-1709.88	354.81	2800.32	-2.480e+04	3.045e+04
		6249.62	-2.480e+04	-9.15e-05		28.2	380.00	-7.58	354.81	1099.24	-1.481e+04	6249.62
						56.3	380.00	1702.79	354.81	-598.50	-4815.83	3.010e+04
207	85	3.247e+04	-5023.88	4.80e-04	-0.78	0.0	417.68	-1814.64	333.15	807.96	-2.378e+04	3.247e+04

		6878.44	-2.378e+04	-6.93e-05		28.2	417.68	-2.16	333.15	-882.28	-1.440e+04	6878.44
207	86	2.873e+04	-4466.01	5.70e-04	-0.72	56.3	417.68	1817.07	333.15	-2575.21	-5023.88	3.241e+04
		5412.65	-2.267e+04	-7.12e-05		0.0	335.98	-1649.77	323.35	1509.79	-2.267e+04	2.873e+04
207	87	3.018e+04	-4614.62	5.03e-04	-0.75	28.2	335.98	-4.99	323.35	-79.25	-1.357e+04	5412.65
		5861.81	-2.195e+04	-5.53e-05		56.3	335.98	1647.82	323.35	-1668.54	-4466.01	2.852e+04
207	88	2.907e+04	-4535.98	5.71e-04	-0.73	0.0	362.89	-1724.60	307.87	86.67	-2.195e+04	3.017e+04
		5580.05	-2.310e+04	-7.52e-05		28.2	362.89	-1.12	307.87	-1494.62	-1.328e+04	5861.81
207	91	2.873e+04	-4466.01	5.70e-04	-0.72	56.3	362.89	1729.44	307.87	-3080.47	-4614.62	3.018e+04
		5412.65	-2.267e+04	-7.12e-05		0.0	344.78	-1661.79	329.64	1767.90	-2.310e+04	2.907e+04
207	92	2.960e+04	-4555.17	5.30e-04	-0.74	28.2	344.78	-5.51	329.64	156.44	-1.382e+04	5580.05
		5682.15	-2.224e+04	-6.16e-05		56.3	344.78	1658.81	329.64	-1454.53	-4535.98	2.884e+04
208	4	4.362e+04	1.280e+04	1.75e-04	-1.05	0.0	335.98	-1649.77	323.35	1509.79	-2.267e+04	2.873e+04
		4617.15	-6269.32	-7.65e-05		28.2	335.98	-4.99	323.35	-79.25	-1.357e+04	5412.65
208	5	2.815e+04	1.133e+04	3.73e-04	-0.72	56.3	335.98	1647.82	323.35	-1668.54	-4466.01	2.852e+04
		1862.24	-4257.02	-8.91e-05		0.0	352.13	-1694.67	314.06	655.92	-2.224e+04	2.960e+04
208	9	3.984e+04	1.596e+04	4.15e-04	-0.98	28.2	352.13	-2.66	314.06	-928.47	-1.340e+04	5682.15
		3352.20	-6200.53	-1.39e-04		56.3	352.13	1696.79	314.06	-2515.70	-4555.17	2.952e+04
208	11	4.332e+04	1.433e+04	2.40e-04	-1.04	0.0	370.08	-2608.27	338.56	-7333.82	-6269.32	4.362e+04
		4468.21	-6441.66	-1.07e-04		28.2	370.08	-160.09	338.56	-9490.55	3262.90	4641.73
208	31	3.341e+04	3699.21	-1.19e-03	-0.83	56.3	370.08	2290.52	338.56	-1.168e+04	1.280e+04	3.463e+04
		7813.03	-1.632e+04	-5.08e-05		0.0	190.06	-1752.67	276.74	-2511.05	-4257.02	2.815e+04
208	35	3.376e+04	4127.42	-1.15e-03	-0.83	28.2	190.06	-111.57	276.74	-4106.82	3534.60	1893.27
		7931.07	-1.602e+04	-5.75e-05		56.3	190.06	1534.76	276.74	-5715.11	1.133e+04	2.192e+04
208	36	2.712e+04	1.913e+04	-6.17e-05	-0.68	0.0	305.01	-2423.52	393.62	-2510.74	-6200.53	3.984e+04
		-2482.46	6251.90	-9.87e-05		28.2	305.01	-162.32	393.62	-4744.07	4881.98	3425.37
208	37	3.194e+04	2221.46	6.64e-04	-0.81	56.3	305.01	2104.67	393.62	-6991.86	1.596e+04	3.076e+04
		7079.05	-1.500e+04	-5.32e-05		0.0	366.15	-2588.64	368.86	-5370.30	-6441.66	4.332e+04
208	38	2.530e+04	1.722e+04	5.44e-04	-0.66	28.2	366.15	-166.37	368.86	-7605.30	3943.46	4520.49
		-3331.83	7271.71	-9.45e-05		56.3	366.15	2259.23	368.86	-9863.49	1.433e+04	3.398e+04
208	63	3.445e+04	1814.15	-1.44e-03	-0.86	0.0	-76.02	-1605.81	398.81	-1.133e+04	-1.632e+04	3.341e+04
		9302.88	-1.955e+04	-4.40e-05		28.2	-76.02	-83.90	398.81	-1.374e+04	-6310.11	7827.77
208	67	3.490e+04	2358.20	-1.37e-03	-0.85	56.3	-76.02	1771.00	398.81	-1.619e+04	3699.21	2.699e+04
		9452.85	-1.917e+04	-5.24e-05		0.0	-62.14	-1612.37	404.99	-1.088e+04	-1.602e+04	3.376e+04
208	68	2.646e+04	2.141e+04	-1.59e-04	-0.66	28.2	-62.14	-82.84	404.99	-1.324e+04	-5948.08	7963.93
		-3774.70	9123.95	-1.05e-04		56.3	-62.14	1761.60	404.99	-1.565e+04	4127.42	2.725e+04
208	69	3.259e+04	-62.73	7.62e-04	-0.83	0.0	547.99	-1970.71	179.46	2704.00	6251.90	2.712e+04
		8364.33	-1.788e+04	-4.71e-05		28.2	547.99	-130.05	179.46	1793.57	1.269e+04	-2433.76
208	70	2.415e+04	1.899e+04	7.72e-04	-0.64	56.3	547.99	1464.30	179.46	889.20	1.913e+04	2.027e+04
		-4853.61	1.042e+04	-9.95e-05		0.0	-121.29	-1666.18	355.10	-9988.29	-1.500e+04	3.194e+04
208	79	2.854e+04	1.114e+04	3.51e-04	-0.73	28.2	-121.29	-96.48	355.10	-1.227e+04	-6391.16	7079.05
		1980.76	-4307.04	-8.53e-05		56.3	-121.29	1727.95	355.10	-1.459e+04	2221.46	2.611e+04
208	82	3.263e+04	1.014e+04	1.78e-04	-0.79	0.0	488.84	-2024.52	129.56	3593.25	7271.71	2.530e+04
		3263.19	-4720.47	-6.49e-05		28.2	488.84	-143.69	129.56	2764.92	1.225e+04	-3318.64
208	83	3.011e+04	1.225e+04	3.38e-04	-0.75	56.3	488.84	1430.65	129.56	1945.68	1.722e+04	1.913e+04
		2419.89	-4674.61	-1.07e-04		0.0	-154.21	-1548.35	434.35	-1.341e+04	-1.955e+04	3.445e+04
208	85	3.242e+04	1.116e+04	2.21e-04	-0.79	28.2	-154.21	-75.96	434.35	-1.604e+04	-8868.48	9315.36
		3163.90	-4835.36	-8.50e-05		56.3	-154.21	1818.25	434.35	-1.872e+04	1814.15	2.801e+04
208	86	2.854e+04	1.114e+04	3.51e-04	-0.73	0.0	-136.59	-1556.67	442.21	-1.283e+04	-1.917e+04	3.490e+04
		1980.76	-4307.04	-8.53e-05		28.2	-136.59	-74.61	442.21	-1.541e+04	-8406.59	9488.34
208	87	3.019e+04	1.036e+04	2.68e-04	-0.75	56.3	-136.59	1806.31	442.21	-1.803e+04	2358.20	2.834e+04
		2512.19	-4421.86	-6.97e-05		0.0	638.42	-2011.86	155.72	4418.83	9123.95	2.646e+04
208	88	2.907e+04	-4535.98	5.71e-04	-0.73	28.2	638.42	-134.60	155.72	3693.83	1.527e+04	-3719.04
		5580.05	-2.310e+04	-7.52e-05		56.3	638.42	1428.68	155.72	2980.85	2.141e+04	1.948e+04
208	89	2.807e+04	-4635.98	5.03e-04	-0.75	0.0	-211.72	-1625.03	378.83	-1.170e+04	-1.788e+04	3.259e+04
		5861.81	-2.195e+04	-5.53e-05		28.2	-211.72	-91.93	378.83	-1.417e+04	-8969.27	8364.33
208	90	2.960e+04	-4555.17	5.30e-04	-0.74	56.3	-211.72	1763.56	378.83	-1.668e+04	-62.73	2.690e+04
		5682.15	-2.224e+04	-6.16e-05		0.0	563.28	-2080.22	92.35	5548.36	1.042e+04	2.415e+04
208	91	2.873e+04	-4466.01	5.70e-04	-0.72	28.2	563.28	-151.92	92.35	4927.64	1.470e+04	-4843.05
		5412.65	-2.267e+04	-7.12e-05		56.3	563.28	1385.94	92.35	4322.81	1.899e+04	1.803e+04
208	92	2.960e+04	-4555.17	5.30e-04	-0.74	0.0	195.88	-1771.27	274.35	-2825.13	-4307.04	2.854e+04
		5682.15	-2.224e+04	-6.16e-05		28.2	195.88	-112.11	274.35	-4421.26	3417.35	2009.75
208	93	2.873e+04	-4466.01	5.70e-04	-0.72	56.3	195.88	1551.96	274.35	-6030.88	1.114e+04	2.227e+04
		5412.65	-2.267e+04	-7.12e-05		0.0	268.96	-1962.62	263.88	-5056.52	-4720.47	3.263e+04
208	94	2.960e+04	-4555.17	5.30e-04	-0.74	28.2	268.96	-121.31	263.88	-6706.91	2709.08	3284.80
		5682.15	-2.224e+04	-6.16e-05		56.3	268.96	1722.47	263.88	-8377.75	1.014e+04	2.582e+04
208	95	2.873e+04	-4466.01	5.70e-04	-0.72	0.0	225.58	-1839.45	300.59	-1841.13	-4674.61	3.011e+04
		5412.65	-2.267e+04	-7.12e-05		28.2	225.58	-122.80	300.59	-3542.58	3788.47	2473.89
208	96	2.960e+04	-4555.17	5.30e-04	-0.74	56.3	225.58	1598.57	300.59	-5254.84	1.225e+04	2.324e+04
		5682.15	-2.224e+04	-6.16e-05		0.0	266.34	-1949.53	284.08	-3747.50	-4835.36	3.242e+04
208	97	2.873e+04	-4466.01	5.70e-04	-0.72	28.2	266.34	-125.50	284.08	-5450.07	3162.79	3203.98
		5412.65	-2.267e+04	-7.12e-05		56.3	266.34	1701.61	284.08	-7169.26	1.116e+04	2.539e+04
208	98	2.960e+04	-4555.17	5.30e-04	-0.74	0.0	195.88	-1771.27	274.35	-2825.13	-4307.04	2.854e+04
		5682.15	-2.224e+04	-6.16e-05		28.2	195.88	-112.11	274.35	-4421.26	3417.35	2009.75
208	99	2.873e+04	-4466.01	5.70e-04	-0.72	56.3	195.88	1551.96	274.35	-6030.88	1.114e+04	2.227e+04
		5412.65	-2.267e+04	-7.12e-05		0.0	224.99	-1849.90	262.56	-4186.82	-4421.86	3.019e+04
208	100	2.960e+04	-4555.17	5.30e-04	-0.74	28.2	224.99	-114.04	262.56	-5783.76	2970.44	2531.24
		5682.15	-2.224e+04	-6.16e-05		56.3	224.99	1625.56	262.56	-7398.33	1.036e+04	2.380e+04

208	88	2.885e+04	1.136e+04	3.48e-04	-0.73	0.0	201.82	-1784.90	279.60	-2628.33	-4380.56	2.885e+04
		2068.58	-4380.56	-8.96e-05		28.2	201.82	-114.25	279.60	-4245.53	3491.57	2102.58
						56.3	201.82	1561.28	279.60	-5875.68	1.136e+04	2.246e+04
208	90	2.984e+04	1.090e+04	2.99e-04	-0.75	0.0	219.29	-1832.08	272.52	-3445.34	-4449.45	2.984e+04
		2387.44	-4449.45	-8.03e-05		28.2	219.29	-115.40	272.52	-5063.02	3223.43	2415.47
						56.3	219.29	1605.44	272.52	-6696.14	1.090e+04	2.338e+04
208	91	2.854e+04	1.114e+04	3.51e-04	-0.73	0.0	195.88	-1771.27	274.35	-2825.13	-4307.04	2.854e+04
		1980.76	-4307.04	-8.53e-05		28.2	195.88	-112.11	274.35	-4421.26	3417.35	2009.75
						56.3	195.88	1551.96	274.35	-6030.88	1.114e+04	2.227e+04
208	92	2.953e+04	1.067e+04	3.01e-04	-0.74	0.0	213.35	-1818.45	267.28	-3642.14	-4375.94	2.953e+04
		2299.62	-4375.94	-7.60e-05		28.2	213.35	-113.27	267.28	-5238.76	3149.20	2322.65
						56.3	213.35	1596.12	267.28	-6851.35	1.067e+04	2.319e+04
209	4	3.463e+04	3.051e+04	1.69e-05	-1.05	0.0	330.76	-2880.14	275.56	-1.295e+04	1.308e+04	3.463e+04
		-1.292e+04	1.308e+04	-4.07e-05		31.6	330.76	-126.90	275.56	-1.545e+04	2.179e+04	-1.292e+04
						63.2	330.76	2626.50	275.56	-1.801e+04	3.051e+04	2.661e+04
209	5	2.192e+04	2.557e+04	-3.25e-04	-0.72	0.0	160.69	-1939.56	222.71	-6800.65	1.148e+04	2.192e+04
		-1.011e+04	1.148e+04	-6.02e-05		31.6	160.69	-85.43	222.71	-8630.20	1.852e+04	-1.011e+04
						63.2	160.69	1773.79	222.71	-1.049e+04	2.557e+04	1.657e+04
209	7	2.652e+04	2.165e+04	1.20e-05	-0.80	0.0	256.25	-2195.11	196.48	-1.073e+04	9221.36	2.652e+04
		-9630.05	9221.36	-1.74e-05		31.6	256.25	-91.06	196.48	-1.259e+04	1.544e+04	-9630.05
						63.2	256.25	2012.90	196.48	-1.450e+04	2.165e+04	2.076e+04
209	9	3.076e+04	3.627e+04	-3.24e-04	-0.99	0.0	246.78	-2681.83	317.87	-8506.04	1.616e+04	3.076e+04
		-1.372e+04	1.616e+04	-1.00e-04		31.6	246.78	-130.48	317.87	-1.106e+04	2.621e+04	-1.372e+04
						63.2	246.78	2425.95	317.87	-1.366e+04	3.627e+04	2.256e+04
209	31	2.699e+04	1.856e+04	-1.33e-03	-0.85	0.0	-154.92	-1781.95	359.82	-1.463e+04	4142.23	2.699e+04
		-3712.18	4142.23	-1.01e-04		31.6	-154.92	-54.09	359.82	-1.744e+04	1.135e+04	-3712.18
						63.2	-154.92	2108.80	359.82	-2.031e+04	1.856e+04	1.965e+04
209	34	1.940e+04	3.044e+04	8.70e-04	-0.65	0.0	527.32	-2239.32	71.79	-1150.77	1.756e+04	1.940e+04
		-1.626e+04	1.756e+04	-8.12e-06		31.6	527.32	-119.90	71.79	-2018.23	2.400e+04	-1.626e+04
						63.2	527.32	1571.73	71.79	-2892.34	3.044e+04	1.581e+04
209	35	2.725e+04	1.933e+04	-1.27e-03	-0.84	0.0	-146.28	-1787.84	363.20	-1.426e+04	4578.62	2.725e+04
		-4105.76	4578.62	-1.19e-04		31.6	-146.28	-50.82	363.20	-1.701e+04	1.195e+04	-4105.76
						63.2	-146.28	2094.55	363.20	-1.984e+04	1.933e+04	1.962e+04
209	37	2.610e+04	1.478e+04	7.35e-04	-0.82	0.0	-127.23	-1866.30	321.42	-1.302e+04	2641.53	2.610e+04
		-4629.14	2641.53	-1.21e-04		31.6	-127.23	-68.82	321.42	-1.568e+04	8711.69	-4605.29
						63.2	-127.23	2043.38	321.42	-1.839e+04	1.478e+04	1.941e+04
209	43	2.635e+04	3.530e+04	-1.14e-03	-0.83	0.0	-101.34	-1799.41	377.94	-1.310e+04	6347.08	2.635e+04
		-5230.69	6347.08	-9.25e-05		31.6	-101.34	-55.23	377.94	-1.573e+04	2.082e+04	-5230.69
						63.2	-101.34	2059.95	377.94	-1.842e+04	3.530e+04	1.918e+04
209	63	2.801e+04	1.695e+04	-1.63e-03	-0.88	0.0	-247.10	-1720.16	398.73	-1.645e+04	2329.12	2.801e+04
		-2046.10	2329.12	-1.16e-04		31.6	-247.10	-45.19	398.73	-1.952e+04	9642.05	-2017.29
						63.2	-247.10	2181.37	398.73	-2.267e+04	1.695e+04	2.017e+04
209	66	1.837e+04	3.205e+04	1.17e-03	-0.63	0.0	619.50	-2301.12	32.88	670.18	1.937e+04	1.837e+04
		-1.795e+04	1.937e+04	2.05e-05		31.6	619.50	-128.79	32.88	65.03	2.571e+04	-1.795e+04
						63.2	619.50	1499.16	32.88	-538.44	3.205e+04	1.529e+04
209	67	2.834e+04	1.793e+04	-1.55e-03	-0.87	0.0	-236.12	-1727.64	403.04	-1.598e+04	2883.55	2.834e+04
		-2525.50	2883.55	-1.38e-04		31.6	-236.12	-41.04	403.04	-1.898e+04	1.041e+04	-2517.10
						63.2	-236.12	2163.27	403.04	-2.206e+04	1.793e+04	2.013e+04
209	69	2.689e+04	1.216e+04	8.71e-04	-0.84	0.0	-211.93	-1827.30	349.96	-1.441e+04	423.10	2.689e+04
		-3217.79	423.10	-1.41e-04		31.6	-211.93	-63.91	349.96	-1.729e+04	6289.31	-3151.87
						63.2	-211.93	2098.27	349.96	-2.023e+04	1.216e+04	1.987e+04
209	75	2.720e+04	3.821e+04	-1.38e-03	-0.86	0.0	-179.05	-1742.34	421.76	-1.451e+04	5130.02	2.720e+04
		-3946.07	5130.02	-1.05e-04		31.6	-179.05	-46.64	421.76	-1.735e+04	2.167e+04	-3946.07
						63.2	-179.05	2119.31	421.76	-2.026e+04	3.821e+04	1.958e+04
209	79	2.227e+04	2.528e+04	-2.97e-04	-0.73	0.0	167.09	-1959.53	221.05	-7102.51	1.130e+04	2.227e+04
		-1.008e+04	1.130e+04	-5.66e-05		31.6	167.09	-85.87	221.05	-8934.66	1.829e+04	-1.008e+04
						63.2	167.09	1792.45	221.05	-1.080e+04	2.528e+04	1.689e+04
209	81	2.534e+04	2.267e+04	-7.81e-05	-0.78	0.0	230.80	-2129.89	203.57	-9723.03	9796.33	2.534e+04
		-9760.04	9796.33	-2.72e-05		31.6	230.80	-89.62	203.57	-1.158e+04	1.623e+04	-9760.04
						63.2	230.80	1951.85	203.57	-1.347e+04	2.267e+04	1.968e+04
209	82	2.582e+04	2.390e+04	-6.71e-05	-0.79	0.0	238.52	-2168.05	214.29	-9380.00	1.034e+04	2.582e+04
		-9974.96	1.034e+04	-3.70e-05		31.6	238.52	-95.76	214.29	-1.129e+04	1.712e+04	-9974.96
						63.2	238.52	1977.56	214.29	-1.324e+04	2.390e+04	1.978e+04
209	83	2.324e+04	2.774e+04	-2.75e-04	-0.75	0.0	182.53	-2035.85	242.49	-6416.46	1.240e+04	2.324e+04
		-1.051e+04	1.240e+04	-7.69e-05		31.6	182.53	-98.14	242.49	-8361.26	2.007e+04	-1.051e+04
						63.2	182.53	1843.86	242.49	-1.034e+04	2.774e+04	1.708e+04
209	86	2.227e+04	2.528e+04	-2.97e-04	-0.73	0.0	167.09	-1959.53	221.05	-7102.51	1.130e+04	2.227e+04
		-1.008e+04	1.130e+04	-5.66e-05		31.6	167.09	-85.87	221.05	-8934.66	1.829e+04	-1.008e+04
						63.2	167.09	1792.45	221.05	-1.080e+04	2.528e+04	1.689e+04
209	87	2.381e+04	2.398e+04	-1.87e-04	-0.76	0.0	198.94	-2044.71	212.31	-8412.77	1.055e+04	2.381e+04
		-9920.07	1.055e+04	-4.17e-05		31.6	198.94	-87.74	212.31	-1.026e+04	1.726e+04	-9920.07
						63.2	198.94	1872.15	212.31	-1.214e+04	2.398e+04	1.829e+04
209	88	2.247e+04	2.578e+04	-2.92e-04	-0.73	0.0	170.18	-1974.79	225.34	-6965.30	1.152e+04	2.247e+04
		-1.017e+04	1.152e+04	-6.06e-05		31.6	170.18	-88.32	225.34	-8819.98	1.865e+04	-1.017e+04
						63.2	170.18	1802.73	225.34	-1.071e+04	2.578e+04	1.693e+04
209	91	2.227e+04	2.528e+04	-2.97e-04	-0.73	0.0	167.09	-1959.53	221.05	-7102.51	1.130e+04	2.227e+04
		-1.008e+04	1.130e+04	-5.66e-05		31.6	167.09	-85.87	221.05	-8934.66	1.829e+04	-1.008e+04

209	92	2.319e+04	2.450e+04	-2.31e-04	-0.75	63.2	167.09	1792.45	221.05	-1.080e+04	2.528e+04	1.689e+04
		-9984.09	1.085e+04	-4.77e-05		0.0	186.20	-2010.64	215.81	-7888.66	1.085e+04	2.319e+04
						31.6	186.20	-86.99	215.81	-9727.08	1.768e+04	-9984.09
210	3	3.246e+04	4.097e+04	-2.55e-05	-1.04	63.2	186.20	1840.27	215.81	-1.160e+04	2.450e+04	1.773e+04
		-1.333e+04	2.906e+04	7.81e-05		0.0	256.54	-2611.33	188.41	-1.940e+04	2.906e+04	2.646e+04
						31.6	256.54	94.69	188.41	-2.195e+04	3.501e+04	-1.333e+04
210	7	2.544e+04	3.097e+04	1.39e-05	-0.80	63.2	256.54	2801.17	188.41	-2.458e+04	4.097e+04	3.246e+04
		-1.016e+04	2.195e+04	6.26e-05		0.0	207.25	-2029.72	142.50	-1.529e+04	2.195e+04	2.076e+04
						31.6	207.25	74.11	142.50	-1.725e+04	2.646e+04	-1.016e+04
210	9	2.720e+04	5.129e+04	-3.77e-04	-1.00	63.2	207.25	2177.81	142.50	-1.929e+04	3.097e+04	2.544e+04
		-1.567e+04	3.659e+04	3.05e-05		0.0	167.71	-2489.55	232.33	-1.501e+04	3.659e+04	2.566e+04
						31.6	167.71	72.32	232.33	-1.766e+04	4.394e+04	-1.567e+04
210	12	2.019e+04	4.128e+04	-3.41e-04	-0.76	63.2	167.71	2640.17	232.33	-2.038e+04	5.129e+04	2.720e+04
		-1.251e+04	2.949e+04	1.49e-05		0.0	118.43	-1907.94	186.42	-1.090e+04	2.949e+04	1.686e+04
						31.6	118.43	51.73	186.42	-1.297e+04	3.539e+04	-1.251e+04
210	31	2.441e+04	5.064e+04	-1.45e-03	-0.87	63.2	118.43	2016.81	186.42	-1.508e+04	4.128e+04	2.019e+04
		-6574.88	1.890e+04	-8.96e-05		0.0	-200.43	-1650.78	312.46	-1.831e+04	1.890e+04	1.965e+04
						31.6	-200.43	131.77	312.46	-2.124e+04	3.477e+04	-6574.88
210	34	1.919e+04	3.062e+04	9.43e-04	-0.64	63.2	-200.43	2351.42	312.46	-2.426e+04	5.064e+04	2.441e+04
		-1.503e+04	1.867e+04	1.71e-04		0.0	485.32	-2083.93	0.31	-6729.58	3.062e+04	1.581e+04
						31.6	485.32	-4.36	0.31	-7640.52	2.465e+04	-1.503e+04
210	35	2.453e+04	5.142e+04	-1.38e-03	-0.86	63.2	485.32	1646.20	0.31	-8575.00	1.867e+04	1.919e+04
		-6672.02	1.966e+04	-1.06e-04		0.0	-192.60	-1655.71	312.14	-1.805e+04	1.966e+04	1.962e+04
						31.6	-192.60	133.78	312.14	-2.093e+04	3.554e+04	-6672.02
210	43	2.395e+04	5.403e+04	-1.24e-03	-0.85	63.2	-192.60	2333.47	312.14	-2.389e+04	5.142e+04	2.453e+04
		-6950.30	3.558e+04	-1.46e-04		0.0	-172.12	-1664.64	314.27	-1.719e+04	3.558e+04	1.918e+04
						31.6	-172.12	117.84	314.27	-1.994e+04	4.481e+04	-6950.30
210	46	1.965e+04	1.528e+04	7.28e-04	-0.66	63.2	-172.12	2287.46	314.27	-2.278e+04	5.403e+04	2.395e+04
		-1.465e+04	1.394e+04	2.27e-04		0.0	457.02	-2070.07	-1.50	-7847.26	1.394e+04	1.627e+04
						31.6	457.02	9.56	-1.50	-8936.75	1.461e+04	-1.465e+04
210	63	2.512e+04	5.496e+04	-1.78e-03	-0.90	63.2	457.02	1710.16	-1.50	-1.006e+04	1.528e+04	1.965e+04
		-5432.88	1.732e+04	-1.25e-04		0.0	-293.09	-1592.25	354.64	-1.987e+04	1.732e+04	2.017e+04
						31.6	-293.09	150.16	354.64	-2.308e+04	3.614e+04	-5432.88
210	66	1.849e+04	3.221e+04	1.27e-03	-0.62	63.2	-293.09	2446.71	354.64	-2.638e+04	5.496e+04	2.512e+04
		-1.617e+04	1.435e+04	2.06e-04		0.0	577.98	-2142.45	-41.87	-5163.93	3.221e+04	1.529e+04
						31.6	577.98	-22.75	-41.87	-5801.92	2.328e+04	-1.617e+04
210	67	2.526e+04	5.595e+04	-1.69e-03	-0.89	63.2	577.98	1550.91	-41.87	-6454.70	1.435e+04	1.849e+04
		-5556.21	1.828e+04	-1.46e-04		0.0	-283.15	-1598.52	354.24	-1.955e+04	1.828e+04	2.013e+04
						31.6	-283.15	152.71	354.24	-2.268e+04	3.712e+04	-5556.21
210	75	2.453e+04	5.926e+04	-1.50e-03	-0.88	63.2	-283.15	2423.91	354.24	-2.591e+04	5.595e+04	2.526e+04
		-5909.60	3.851e+04	-1.96e-04		0.0	-257.14	-1609.86	356.94	-1.845e+04	3.851e+04	1.958e+04
						31.6	-257.14	132.47	356.94	-2.143e+04	4.888e+04	-5909.60
210	78	1.907e+04	1.102e+04	9.93e-04	-0.63	63.2	-257.14	2365.46	356.94	-2.449e+04	5.926e+04	2.453e+04
		-1.569e+04	1.005e+04	2.78e-04		0.0	542.03	-2124.85	-44.17	-6585.18	1.102e+04	1.588e+04
						31.6	542.03	-5.07	-44.17	-7449.62	1.053e+04	-1.569e+04
210	81	2.415e+04	3.230e+04	-8.17e-05	-0.79	63.2	542.03	1632.16	-44.17	-8341.48	1.005e+04	1.907e+04
		-1.039e+04	2.296e+04	5.50e-05		0.0	183.71	-1972.24	147.66	-1.430e+04	2.296e+04	1.968e+04
						31.6	183.71	70.46	147.66	-1.626e+04	2.763e+04	-1.039e+04
210	83	2.065e+04	3.918e+04	-3.16e-04	-0.76	63.2	183.71	2114.48	147.66	-1.827e+04	3.230e+04	2.415e+04
		-1.195e+04	2.799e+04	2.32e-05		0.0	124.49	-1891.05	176.95	-1.138e+04	2.799e+04	1.708e+04
						31.6	124.49	55.54	176.95	-1.340e+04	3.358e+04	-1.195e+04
210	87	2.247e+04	3.398e+04	-2.05e-04	-0.76	63.2	124.49	2007.15	176.95	-1.547e+04	3.918e+04	2.065e+04
		-1.068e+04	2.425e+04	4.48e-05		0.0	154.23	-1897.32	153.89	-1.303e+04	2.425e+04	1.829e+04
						31.6	154.23	65.63	153.89	-1.496e+04	2.912e+04	-1.068e+04
210	88	2.076e+04	3.637e+04	-3.26e-04	-0.74	63.2	154.23	2031.86	153.89	-1.695e+04	3.398e+04	2.247e+04
		-1.117e+04	2.603e+04	3.23e-05		0.0	124.71	-1836.13	163.49	-1.168e+04	2.603e+04	1.693e+04
						31.6	124.71	59.75	163.49	-1.361e+04	3.120e+04	-1.117e+04
210	91	2.079e+04	3.566e+04	-3.28e-04	-0.74	63.2	124.71	1960.82	163.49	-1.559e+04	3.637e+04	2.076e+04
		-1.098e+04	2.554e+04	3.46e-05		0.0	124.76	-1822.40	160.13	-1.175e+04	2.554e+04	1.689e+04
						31.6	124.76	60.81	160.13	-1.366e+04	3.060e+04	-1.098e+04
210	92	2.180e+04	3.465e+04	-2.54e-04	-0.75	63.2	124.76	1949.24	160.13	-1.562e+04	3.566e+04	2.079e+04
		-1.080e+04	2.476e+04	4.07e-05		0.0	142.45	-1867.35	156.39	-1.252e+04	2.476e+04	1.773e+04
						31.6	142.45	63.70	156.39	-1.444e+04	2.971e+04	-1.080e+04
211	3	3.668e+04	4.698e+04	-1.13e-04	-1.04	63.2	142.45	1998.81	156.39	-1.642e+04	3.465e+04	2.180e+04
		1.031e+04	4.121e+04	1.55e-04		0.0	57.34	-1949.29	121.25	-2.534e+04	4.121e+04	3.247e+04
						23.8	57.34	88.66	121.25	-2.738e+04	4.409e+04	1.031e+04
211	7	2.875e+04	3.550e+04	-1.14e-04	-0.81	47.6	57.34	2125.27	121.25	-2.949e+04	4.698e+04	3.668e+04
		8251.43	3.115e+04	1.20e-04		0.0	51.40	-1514.25	91.42	-1.986e+04	3.115e+04	2.545e+04
						23.8	51.40	69.47	91.42	-2.144e+04	3.332e+04	8251.43
211	9	3.075e+04	5.881e+04	-2.11e-04	-1.00	47.6	51.40	1651.85	91.42	-2.306e+04	3.550e+04	2.875e+04
		5884.33	5.152e+04	1.44e-04		0.0	-28.38	-1863.37	152.97	-2.139e+04	5.152e+04	2.719e+04
						23.8	-28.38	74.23	152.97	-2.348e+04	5.516e+04	5884.33
211	12	2.282e+04	4.733e+04	-2.10e-04	-0.77	47.6	-28.38	2014.36	152.97	-2.564e+04	5.881e+04	3.075e+04
		3821.03	4.146e+04	1.08e-04		0.0	-34.32	-1428.34	123.14	-1.590e+04	4.146e+04	2.018e+04
						23.8	-34.32	55.04	123.14	-1.754e+04	4.439e+04	3821.03
211	31	3.184e+04	6.225e+04	-1.04e-03	-0.88	47.6	-34.32	1540.94	123.14	-1.921e+04	4.733e+04	2.282e+04
						0.0	-318.70	-1257.87	265.75	-2.240e+04	5.091e+04	2.438e+04

		8660.88	5.091e+04	-3.51e-05		23.8	-318.70	157.08	265.75	-2.469e+04	5.658e+04	8767.91
211	38	1.909e+04	1.799e+04	7.44e-04	-0.64	47.6	-318.70	1857.54	265.75	-2.705e+04	6.225e+04	3.184e+04
		2618.24	1.642e+04	2.62e-04		0.0	328.30	-1540.24	-59.68	-1.193e+04	1.799e+04	1.909e+04
						23.8	328.30	-31.72	-59.68	-1.275e+04	1.720e+04	2618.24
						47.6	328.30	1199.87	-59.68	-1.357e+04	1.642e+04	1.777e+04
211	39	3.027e+04	6.467e+04	-9.34e-04	-0.87	0.0	-322.37	-1261.22	252.97	-2.182e+04	5.349e+04	2.381e+04
		8146.40	5.349e+04	-1.01e-04		23.8	-322.37	136.94	252.97	-2.403e+04	5.908e+04	8180.46
						47.6	-322.37	1813.07	252.97	-2.630e+04	6.467e+04	3.027e+04
211	42	1.978e+04	1.617e+04	6.98e-04	-0.65	0.0	332.72	-1539.55	-51.30	-1.237e+04	1.617e+04	1.978e+04
		3472.14	1.460e+04	3.25e-04		23.8	332.72	-18.26	-51.30	-1.322e+04	1.538e+04	3472.14
						47.6	332.72	1227.90	-51.30	-1.409e+04	1.460e+04	1.900e+04
211	43	2.992e+04	6.527e+04	-8.73e-04	-0.86	0.0	-321.62	-1263.87	248.57	-2.167e+04	5.426e+04	2.394e+04
		8402.02	5.426e+04	-1.07e-04		23.8	-321.62	130.25	248.57	-2.384e+04	5.976e+04	8446.92
						47.6	-321.62	1796.62	248.57	-2.607e+04	6.527e+04	2.992e+04
211	46	1.966e+04	1.540e+04	6.37e-04	-0.65	0.0	331.97	-1536.90	-46.90	-1.251e+04	1.540e+04	1.966e+04
		3205.68	1.400e+04	3.31e-04		23.8	331.97	-11.57	-46.90	-1.341e+04	1.470e+04	3205.68
						47.6	331.97	1244.34	-46.90	-1.432e+04	1.400e+04	1.934e+04
211	63	3.379e+04	6.836e+04	-1.29e-03	-0.91	0.0	-406.23	-1219.37	310.31	-2.383e+04	5.525e+04	2.508e+04
		9401.25	5.525e+04	-7.07e-05		23.8	-406.23	183.50	310.31	-2.633e+04	6.181e+04	9562.89
						47.6	-406.23	1948.63	310.31	-2.891e+04	6.836e+04	3.379e+04
211	70	1.836e+04	1.343e+04	9.76e-04	-0.61	0.0	415.63	-1578.03	-103.06	-1.054e+04	1.343e+04	1.836e+04
		1751.23	1.015e+04	3.03e-04		23.8	415.63	-56.33	-103.06	-1.115e+04	1.179e+04	1751.23
						47.6	415.63	1113.22	-103.06	-1.178e+04	1.015e+04	1.592e+04
211	71	3.179e+04	7.144e+04	-1.15e-03	-0.90	0.0	-410.89	-1223.62	294.08	-2.309e+04	5.853e+04	2.435e+04
		8748.57	5.853e+04	-1.58e-04		23.8	-410.89	157.91	294.08	-2.549e+04	6.498e+04	8817.48
						47.6	-410.89	1892.14	294.08	-2.795e+04	7.144e+04	3.179e+04
211	74	1.924e+04	1.113e+04	9.18e-04	-0.62	0.0	421.24	-1577.15	-92.41	-1.109e+04	1.113e+04	1.924e+04
		2835.12	7828.95	3.83e-04		23.8	421.24	-39.23	-92.41	-1.176e+04	9480.43	2835.12
						47.6	421.24	1148.82	-92.41	-1.244e+04	7828.95	1.748e+04
211	75	3.135e+04	7.220e+04	-1.08e-03	-0.89	0.0	-409.95	-1226.99	288.50	-2.291e+04	5.951e+04	2.451e+04
		9073.28	5.951e+04	-1.66e-04		23.8	-409.95	149.42	288.50	-2.525e+04	6.585e+04	9155.96
						47.6	-409.95	1871.25	288.50	-2.765e+04	7.220e+04	3.135e+04
211	78	1.908e+04	1.015e+04	8.41e-04	-0.63	0.0	420.30	-1573.78	-86.83	-1.128e+04	1.015e+04	1.908e+04
		2496.64	7069.45	3.90e-04		23.8	420.30	-30.74	-86.83	-1.200e+04	8612.19	2496.64
						47.6	420.30	1169.71	-86.83	-1.274e+04	7069.45	1.791e+04
211	81	2.729e+04	3.700e+04	-3.35e-05	-0.79	0.0	34.52	-1473.92	95.00	-1.887e+04	3.248e+04	2.416e+04
		7391.65	3.248e+04	1.17e-04		23.8	34.52	65.90	95.00	-2.044e+04	3.474e+04	7391.65
						47.6	34.52	1605.33	95.00	-2.204e+04	3.700e+04	2.729e+04
211	83	2.334e+04	4.489e+04	-1.83e-04	-0.76	0.0	-22.63	-1416.64	116.15	-1.624e+04	3.936e+04	2.064e+04
		4438.05	3.936e+04	1.10e-04		23.8	-22.63	56.28	116.15	-1.784e+04	4.212e+04	4438.05
						47.6	-22.63	1531.39	116.15	-1.948e+04	4.489e+04	2.334e+04
211	87	2.539e+04	3.888e+04	-7.51e-05	-0.76	0.0	13.56	-1421.39	99.17	-1.760e+04	3.416e+04	2.247e+04
		6273.54	3.416e+04	1.14e-04		23.8	13.56	61.21	99.17	-1.914e+04	3.652e+04	6273.54
						47.6	13.56	1544.73	99.17	-2.072e+04	3.888e+04	2.539e+04
211	88	2.346e+04	4.159e+04	-1.83e-04	-0.74	0.0	-10.45	-1378.43	105.90	-1.631e+04	3.654e+04	2.076e+04
		5011.96	3.654e+04	1.10e-04		23.8	-10.45	56.48	105.90	-1.784e+04	3.906e+04	5011.96
						47.6	-10.45	1493.57	105.90	-1.942e+04	4.159e+04	2.346e+04
211	91	2.349e+04	4.076e+04	-1.83e-04	-0.74	0.0	-7.40	-1368.87	103.34	-1.633e+04	3.584e+04	2.079e+04
		5155.43	3.584e+04	1.10e-04		23.8	-7.40	56.53	103.34	-1.785e+04	3.830e+04	5155.43
						47.6	-7.40	1484.12	103.34	-1.940e+04	4.076e+04	2.349e+04
211	92	2.463e+04	3.963e+04	-1.18e-04	-0.75	0.0	5.18	-1400.39	100.84	-1.709e+04	3.483e+04	2.180e+04
		5826.30	3.483e+04	1.12e-04		23.8	5.18	59.34	100.84	-1.862e+04	3.723e+04	5826.30
						47.6	5.18	1520.48	100.84	-2.020e+04	3.963e+04	2.463e+04
212	3	3.666e+04	5.166e+04	-3.52e-04	-1.04	0.0	260.84	-2222.59	110.17	-3.013e+04	4.641e+04	3.666e+04
		7774.58	4.641e+04	2.52e-04		23.8	260.84	-188.80	110.17	-3.230e+04	4.904e+04	7958.61
						47.6	260.84	1840.77	110.17	-3.454e+04	5.166e+04	2.764e+04
212	7	2.874e+04	3.905e+04	-3.03e-04	-0.81	0.0	208.72	-1727.42	83.98	-2.355e+04	3.506e+04	2.874e+04
		6273.54	3.506e+04	1.93e-04		23.8	208.72	-147.56	83.98	-2.522e+04	3.705e+04	6419.20
						47.6	208.72	1428.67	83.98	-2.696e+04	3.905e+04	2.168e+04
212	9	3.074e+04	6.434e+04	-3.57e-05	-1.00	0.0	161.86	-2107.87	126.51	-2.643e+04	5.832e+04	3.074e+04
		3522.88	5.832e+04	2.65e-04		23.8	161.86	-166.32	126.51	-2.864e+04	6.133e+04	3656.71
						47.6	161.86	1775.62	126.51	-3.091e+04	6.434e+04	2.282e+04
212	12	2.281e+04	5.173e+04	-8.51e-05	-0.77	0.0	109.75	-1612.69	100.32	-1.985e+04	4.696e+04	2.281e+04
		2021.85	4.696e+04	2.06e-04		23.8	109.75	-125.08	100.32	-2.157e+04	4.935e+04	2117.30
						47.6	109.75	1363.53	100.32	-2.333e+04	5.173e+04	1.686e+04
212	31	3.182e+04	7.296e+04	-8.36e-04	-0.89	0.0	-144.32	-1389.29	257.90	-2.568e+04	6.192e+04	3.182e+04
		1.008e+04	6.192e+04	1.32e-05		23.8	-144.32	-75.43	257.90	-2.801e+04	6.744e+04	1.008e+04
						47.6	-144.32	1645.96	257.90	-3.044e+04	7.296e+04	2.828e+04
212	38	1.777e+04	1.601e+04	8.44e-04	-0.63	0.0	458.69	-1786.80	-79.44	-1.581e+04	1.601e+04	1.777e+04
		-2393.87	1.342e+04	3.72e-04		23.8	458.69	-181.06	-79.44	-1.675e+04	1.471e+04	-2109.50
						47.6	458.69	1030.35	-79.44	-1.770e+04	1.342e+04	9173.89
212	43	2.991e+04	7.460e+04	-6.90e-04	-0.87	0.0	-170.39	-1410.87	223.98	-2.544e+04	6.489e+04	2.991e+04
		8920.49	6.489e+04	-8.32e-05		23.8	-170.39	-90.13	223.98	-2.767e+04	6.975e+04	8920.49
						47.6	-170.39	1595.32	223.98	-2.997e+04	7.460e+04	2.557e+04
212	46	1.934e+04	1.362e+04	7.55e-04	-0.65	0.0	479.96	-1772.02	-53.63	-1.604e+04	1.362e+04	1.934e+04
		-900.76	1.203e+04	4.72e-04		23.8	479.96	-169.52	-53.63	-1.704e+04	1.283e+04	-660.81
						47.6	479.96	1067.45	-53.63	-1.807e+04	1.203e+04	1.130e+04

212	63	3.377e+04	8.098e+04	-1.07e-03	-0.93	0.0	-225.15	-1334.66	304.58	-2.702e+04	6.804e+04	3.377e+04
		1.169e+04	6.804e+04	-4.16e-05		23.8	-225.15	-60.72	304.58	-2.955e+04	7.451e+04	1.169e+04
						47.6	-225.15	1730.97	304.58	-3.217e+04	8.098e+04	3.094e+04
212	70	1.591e+04	9727.00	1.06e-03	-0.60	0.0	540.82	-1839.59	-123.93	-1.447e+04	9727.00	1.591e+04
		-4125.72	5335.10	4.20e-04		23.8	540.82	-194.91	-123.93	-1.524e+04	7531.05	-3795.47
						47.6	540.82	949.00	-123.93	-1.599e+04	5335.10	6670.83
212	75	3.134e+04	8.305e+04	-8.86e-04	-0.90	0.0	-258.28	-1362.06	261.50	-2.671e+04	7.182e+04	3.134e+04
		1.022e+04	7.182e+04	-1.58e-04		23.8	-258.28	-79.42	261.50	-2.910e+04	7.744e+04	1.022e+04
						47.6	-258.28	1666.63	261.50	-3.158e+04	8.305e+04	2.750e+04
212	78	1.791e+04	6692.38	9.50e-04	-0.62	0.0	567.85	-1820.83	-91.14	-1.477e+04	6692.38	1.791e+04
		-2229.61	3576.46	5.47e-04		23.8	567.85	-180.24	-91.14	-1.561e+04	5134.42	-1955.82
						47.6	567.85	996.14	-91.14	-1.646e+04	3576.46	9371.02
212	81	2.728e+04	4.062e+04	-2.08e-04	-0.79	0.0	189.20	-1679.23	84.64	-2.255e+04	3.658e+04	2.728e+04
		5473.76	3.658e+04	1.94e-04		23.8	189.20	-141.27	84.64	-2.420e+04	3.860e+04	5608.38
						47.6	189.20	1394.19	84.64	-2.591e+04	4.062e+04	2.053e+04
212	83	2.333e+04	4.907e+04	-5.04e-05	-0.76	0.0	123.21	-1602.75	95.54	-2.008e+04	4.452e+04	2.333e+04
		2639.29	4.452e+04	2.03e-04		23.8	123.21	-126.28	95.54	-2.177e+04	4.679e+04	2740.44
						47.6	123.21	1350.76	95.54	-2.349e+04	4.907e+04	1.732e+04
212	87	2.538e+04	4.254e+04	-8.25e-05	-0.77	0.0	164.62	-1616.53	85.02	-2.126e+04	3.849e+04	2.538e+04
		4431.99	3.849e+04	1.94e-04		23.8	164.62	-133.10	85.02	-2.288e+04	4.052e+04	4552.28
						47.6	164.62	1349.33	85.02	-2.456e+04	4.254e+04	1.904e+04
212	88	2.345e+04	4.539e+04	-4.47e-05	-0.75	0.0	136.67	-1563.61	87.43	-1.999e+04	4.123e+04	2.345e+04
		3240.03	4.123e+04	1.96e-04		23.8	136.67	-125.20	87.43	-2.160e+04	4.331e+04	3345.03
						47.6	136.67	1313.73	87.43	-2.327e+04	4.539e+04	1.750e+04
212	91	2.349e+04	4.447e+04	-4.32e-05	-0.74	0.0	140.04	-1553.82	85.40	-1.996e+04	4.040e+04	2.349e+04
		3390.22	4.040e+04	1.94e-04		23.8	140.04	-124.92	85.40	-2.156e+04	4.244e+04	3496.18
						47.6	140.04	1304.47	85.40	-2.321e+04	4.447e+04	1.754e+04
212	92	2.462e+04	4.331e+04	-3.22e-05	-0.76	0.0	154.79	-1591.44	85.18	-2.074e+04	3.926e+04	2.462e+04
		4015.28	3.926e+04	1.94e-04		23.8	154.79	-129.83	85.18	-2.235e+04	4.129e+04	4129.84
						47.6	154.79	1331.38	85.18	-2.402e+04	4.331e+04	1.844e+04
213	4	3.622e+04	-3.841e+04	5.45e-03	-1.00	0.0	422.09	-1454.29	-367.58	2.688e+04	-3.841e+04	1.647e+04
		3571.81	-5.514e+04	3.47e-04		22.8	422.09	423.71	-367.58	2.662e+04	-4.677e+04	4628.09
						45.5	422.09	2363.82	-367.58	2.642e+04	-5.514e+04	3.622e+04
213	5	2.393e+04	-3.207e+04	3.88e-03	-0.70	0.0	298.58	-1045.97	-280.69	1.640e+04	-3.207e+04	1.257e+04
		2889.72	-4.484e+04	2.67e-04		22.8	298.58	242.20	-280.69	1.636e+04	-3.846e+04	3345.93
						45.5	298.58	1574.49	-280.69	1.635e+04	-4.484e+04	2.393e+04
213	7	2.807e+04	-2.721e+04	4.11e-03	-0.77	0.0	325.02	-1100.93	-260.66	2.127e+04	-2.721e+04	1.256e+04
		2878.04	-3.907e+04	2.56e-04		22.8	325.02	333.04	-260.66	2.106e+04	-3.314e+04	3738.87
						45.5	325.02	1813.80	-260.66	2.088e+04	-3.907e+04	2.807e+04
213	9	3.232e+04	-4.559e+04	5.36e-03	-0.95	0.0	399.11	-1429.24	-412.58	2.183e+04	-4.559e+04	1.663e+04
		3426.51	-6.436e+04	3.71e-04		22.8	399.11	334.77	-412.58	2.175e+04	-5.497e+04	4060.00
						45.5	399.11	2159.79	-412.58	2.172e+04	-6.436e+04	3.232e+04
213	12	2.442e+04	-3.671e+04	4.16e-03	-0.73	0.0	305.51	-1105.76	-330.64	1.604e+04	-3.671e+04	1.287e+04
		2540.20	-5.175e+04	2.92e-04		22.8	305.51	245.99	-330.64	1.601e+04	-4.423e+04	2995.62
						45.5	305.51	1645.05	-330.64	1.601e+04	-5.175e+04	2.442e+04
213	23	3.083e+04	-4.024e+04	-4.90e-03	-0.81	0.0	224.70	-968.81	-541.57	1.466e+04	-4.024e+04	1.454e+04
		4644.35	-6.476e+04	2.58e-04		22.8	224.70	360.63	-541.57	1.438e+04	-5.250e+04	5479.15
						45.5	224.70	1930.12	-541.57	1.405e+04	-6.476e+04	3.083e+04
213	31	3.071e+04	-4.812e+04	-5.93e-03	-0.83	0.0	135.33	-944.70	-550.64	8436.26	-4.812e+04	1.504e+04
		5423.45	-7.290e+04	-7.66e-05		22.8	135.33	373.59	-550.64	8086.21	-6.051e+04	5980.02
						45.5	135.33	1991.03	-550.64	7749.84	-7.290e+04	3.071e+04
213	34	1.943e+04	-1.344e+04	2.03e-03	-0.61	0.0	475.90	-1177.65	-0.76	2.707e+04	-1.344e+04	1.009e+04
		352.54	-1.374e+04	6.06e-04		22.8	475.90	161.16	-0.76	2.724e+04	-1.359e+04	921.70
						45.5	475.90	1290.53	-0.76	2.747e+04	-1.374e+04	1.943e+04
213	38	1.941e+04	-1.350e+04	2.10e-03	-0.61	0.0	466.83	-1173.60	5.85	2.645e+04	-1.350e+04	9937.06
		227.05	-1.351e+04	5.81e-04		22.8	466.83	165.33	5.85	2.658e+04	-1.350e+04	767.38
						45.5	466.83	1304.08	5.85	2.679e+04	-1.351e+04	1.941e+04
213	43	3.063e+04	-4.814e+04	-5.55e-03	-0.82	0.0	174.02	-958.63	-583.11	1.096e+04	-4.814e+04	1.490e+04
		5051.26	-7.449e+04	7.23e-04		22.8	174.02	357.58	-583.11	1.068e+04	-6.132e+04	5724.18
						45.5	174.02	1941.94	-583.11	1.040e+04	-7.449e+04	3.063e+04
213	46	1.952e+04	-1.215e+04	2.34e-03	-0.62	0.0	437.22	-1163.72	31.71	2.454e+04	-1.341e+04	1.024e+04
		724.73	-1.341e+04	-1.93e-04		22.8	437.22	177.18	31.71	2.465e+04	-1.278e+04	1177.54
						45.5	437.22	1339.63	31.71	2.482e+04	-1.215e+04	1.952e+04
213	55	3.239e+04	-4.279e+04	-5.16e-03	-0.84	0.0	202.83	-943.85	-613.43	1.382e+04	-4.279e+04	1.507e+04
		5119.91	-7.056e+04	2.57e-04		22.8	202.83	385.83	-613.43	1.349e+04	-5.668e+04	6028.40
						45.5	202.83	2008.32	-613.43	1.309e+04	-7.056e+04	3.239e+04
213	63	3.224e+04	-5.280e+04	-6.47e-03	-0.87	0.0	89.32	-913.23	-624.94	5919.02	-5.280e+04	1.571e+04
		6112.59	-8.089e+04	-1.69e-04		22.8	89.32	402.31	-624.94	5498.33	-6.685e+04	6667.99
						45.5	89.32	2085.69	-624.94	5085.51	-8.089e+04	3.224e+04
213	66	1.790e+04	-5751.70	1.52e-03	-0.58	0.0	521.92	-1209.12	73.54	2.958e+04	-8753.45	9416.72
		-336.60	-8753.45	6.98e-04		22.8	521.92	132.45	73.54	2.983e+04	-7252.57	233.73
						45.5	521.92	1195.88	73.54	3.013e+04	-5751.70	1.790e+04
213	70	1.788e+04	-5448.99	1.60e-03	-0.58	0.0	510.40	-1203.97	81.94	2.880e+04	-8832.16	9223.48
		-496.13	-8832.16	6.67e-04		22.8	510.40	137.74	81.94	2.899e+04	-7140.58	37.57
						45.5	510.40	1213.08	81.94	2.926e+04	-5448.99	1.788e+04
213	75	3.213e+04	-5.283e+04	-5.98e-03	-0.85	0.0	138.45	-930.92	-666.19	9129.69	-5.283e+04	1.553e+04
		5635.60	-8.291e+04	8.47e-04		22.8	138.45	381.95	-666.19	8794.22	-6.787e+04	6338.29

213	78	1.802e+04	-3730.13	1.91e-03	-0.59	45.5	138.45	2023.32	-666.19	8445.56	-8.291e+04	3.213e+04
		132.05	-8721.25	-3.17e-04		0.0	472.79	-1191.43	114.80	2.637e+04	-8721.25	9605.57
						22.8	472.79	152.80	114.80	2.653e+04	-6225.69	563.43
213	79	2.424e+04	-3.175e+04	3.89e-03	-0.70	45.5	472.79	1258.25	114.80	2.677e+04	-3730.13	1.802e+04
		2891.85	-4.448e+04	2.67e-04		0.0	300.33	-1050.18	-279.71	1.678e+04	-3.175e+04	1.257e+04
						22.8	300.33	249.21	-279.71	1.672e+04	-3.811e+04	3372.27
213	81	2.701e+04	-2.851e+04	4.05e-03	-0.75	45.5	300.33	1592.92	-279.71	1.670e+04	-4.448e+04	2.424e+04
		2879.00	-4.063e+04	2.59e-04		0.0	317.96	-1086.82	-266.35	2.002e+04	-2.851e+04	1.256e+04
						22.8	317.96	309.77	-266.35	1.985e+04	-3.457e+04	3634.23
213	82	2.717e+04	-3.006e+04	4.14e-03	-0.76	45.5	317.96	1752.46	-266.35	1.972e+04	-4.063e+04	2.701e+04
		2770.43	-4.293e+04	2.67e-04		0.0	320.27	-1106.75	-283.00	1.990e+04	-3.006e+04	1.266e+04
						22.8	320.27	311.03	-283.00	1.974e+04	-3.649e+04	3517.47
213	83	2.457e+04	-3.484e+04	4.08e-03	-0.72	45.5	320.27	1775.98	-283.00	1.961e+04	-4.293e+04	2.717e+04
		2665.14	-4.908e+04	2.83e-04		0.0	304.95	-1090.04	-313.01	1.654e+04	-3.484e+04	1.276e+04
						22.8	304.95	251.73	-313.01	1.649e+04	-4.196e+04	3138.74
213	86	2.424e+04	-3.175e+04	3.89e-03	-0.70	45.5	304.95	1639.96	-313.01	1.647e+04	-3.908e+04	2.457e+04
		2891.85	-4.448e+04	2.67e-04		0.0	300.33	-1050.18	-279.71	1.678e+04	-3.175e+04	1.257e+04
						22.8	300.33	249.21	-279.71	1.672e+04	-3.811e+04	3372.27
213	87	2.562e+04	-3.013e+04	3.97e-03	-0.72	45.5	300.33	1592.92	-279.71	1.670e+04	-4.448e+04	2.424e+04
		2885.42	-4.255e+04	2.63e-04		0.0	309.15	-1068.50	-273.03	1.840e+04	-3.013e+04	1.256e+04
						22.8	309.15	279.49	-273.03	1.829e+04	-3.634e+04	3503.25
213	88	2.431e+04	-3.237e+04	3.93e-03	-0.70	45.5	309.15	1672.69	-273.03	1.821e+04	-4.255e+04	2.562e+04
		2848.42	-4.540e+04	2.70e-04		0.0	301.25	-1058.16	-286.37	1.673e+04	-3.237e+04	1.261e+04
						22.8	301.25	249.71	-286.37	1.668e+04	-3.888e+04	3325.56
213	90	2.514e+04	-3.140e+04	3.98e-03	-0.72	45.5	301.25	1602.33	-286.37	1.666e+04	-4.540e+04	2.431e+04
		2844.57	-4.424e+04	2.68e-04		0.0	306.54	-1069.15	-282.36	1.770e+04	-3.140e+04	1.260e+04
						22.8	306.54	267.88	-282.36	1.762e+04	-3.782e+04	3404.15
213	91	2.424e+04	-3.175e+04	3.89e-03	-0.70	45.5	306.54	1650.19	-282.36	1.756e+04	-4.424e+04	2.514e+04
		2891.85	-4.448e+04	2.67e-04		0.0	300.33	-1050.18	-279.71	1.678e+04	-3.175e+04	1.257e+04
						22.8	300.33	249.21	-279.71	1.672e+04	-3.811e+04	3372.27
213	92	2.507e+04	-3.078e+04	3.94e-03	-0.71	45.5	300.33	1592.92	-279.71	1.670e+04	-4.448e+04	2.424e+04
		2887.99	-4.332e+04	2.65e-04		0.0	305.62	-1061.18	-275.70	1.775e+04	-3.078e+04	1.257e+04
						22.8	305.62	267.38	-275.70	1.766e+04	-3.705e+04	3450.86
214	4	1.647e+04	-2.208e+04	-5.42e-03	-0.95	45.5	305.62	1640.78	-275.70	1.761e+04	-4.332e+04	2.507e+04
		-3.792e+04	-3.894e+04	4.21e-04		0.0	-51.67	-624.85	-370.53	2.742e+04	-2.208e+04	-3.536e+04
						22.8	-51.67	1128.84	-370.53	2.706e+04	-3.051e+04	-2.975e+04
214	5	1.257e+04	-1.901e+04	-3.87e-03	-0.66	45.5	-51.67	2944.33	-370.53	2.675e+04	-3.894e+04	1.647e+04
		-2.273e+04	-3.249e+04	3.29e-04		0.0	-0.80	-479.43	-296.38	1.622e+04	-1.901e+04	-2.053e+04
						22.8	-0.80	720.20	-296.38	1.611e+04	-2.575e+04	-1.788e+04
214	7	1.256e+04	-1.573e+04	-4.08e-03	-0.73	45.5	-0.80	1963.92	-296.38	1.604e+04	-3.249e+04	1.257e+04
		-2.935e+04	-2.761e+04	3.08e-04		0.0	-41.48	-468.19	-261.08	2.175e+04	-1.573e+04	-2.747e+04
						22.8	-41.48	872.11	-261.08	2.146e+04	-2.167e+04	-2.296e+04
214	9	1.663e+04	-2.652e+04	-5.34e-03	-0.89	45.5	-41.48	2258.96	-261.08	2.120e+04	-2.761e+04	1.256e+04
		-3.188e+04	-4.615e+04	4.58e-04		0.0	-13.38	-650.95	-431.30	2.169e+04	-2.652e+04	-2.891e+04
						22.8	-13.38	990.69	-431.30	2.153e+04	-3.634e+04	-2.516e+04
214	31	1.504e+04	-2.448e+04	-5.88e-03	-0.78	45.5	-13.38	2693.24	-431.30	2.141e+04	-4.615e+04	1.663e+04
		-1.683e+04	-4.833e+04	-1.96e-05		0.0	-171.43	-452.55	-532.95	8664.98	-2.448e+04	-1.461e+04
						22.8	-171.43	920.85	-532.95	8271.19	-3.640e+04	-1.292e+04
214	34	1.009e+04	-1.177e+04	2.03e-03	-0.59	45.5	-171.43	2403.77	-532.95	7892.79	-4.833e+04	1.504e+04
		-3.230e+04	-1.406e+04	6.67e-04		0.0	146.99	-500.04	-41.40	2.684e+04	-1.177e+04	-3.031e+04
						22.8	146.99	603.72	-41.40	2.691e+04	-1.292e+04	-2.566e+04
214	35	1.519e+04	-2.423e+04	-5.77e-03	-0.77	45.5	146.99	1687.51	-41.40	2.705e+04	-1.406e+04	1.009e+04
		-1.736e+04	-4.826e+04	1.19e-05		0.0	-164.28	-452.02	-537.03	9215.77	-2.423e+04	-1.515e+04
						22.8	-164.28	914.31	-537.03	8826.41	-3.625e+04	-1.338e+04
214	36	1.072e+04	-1.044e+04	2.36e-03	-0.62	45.5	-164.28	2390.16	-537.03	8452.74	-4.826e+04	1.519e+04
		-2.981e+04	-1.684e+04	7.05e-04		0.0	96.97	-485.93	-129.62	2.554e+04	-1.044e+04	-2.781e+04
						22.8	96.97	669.70	-129.62	2.545e+04	-1.364e+04	-2.375e+04
214	39	1.474e+04	-2.367e+04	-5.63e-03	-0.77	45.5	96.97	1837.54	-129.62	2.541e+04	-1.684e+04	1.072e+04
		-1.832e+04	-4.840e+04	7.76e-04		0.0	-146.86	-451.80	-550.48	1.028e+04	-2.367e+04	-1.613e+04
						22.8	-146.86	902.39	-550.48	9898.56	-3.604e+04	-1.422e+04
214	63	1.571e+04	-2.620e+04	-6.41e-03	-0.80	45.5	-146.86	2367.16	-550.48	9538.55	-4.840e+04	1.474e+04
		-1.477e+04	-5.296e+04	-1.12e-04		0.0	-214.46	-446.12	-599.37	6209.64	-2.620e+04	-1.248e+04
						22.8	-214.46	963.71	-599.37	5752.33	-3.958e+04	-1.119e+04
214	66	9416.20	-9432.02	1.52e-03	-0.56	45.5	-214.46	2500.55	-599.37	5305.10	-5.296e+04	1.571e+04
		-3.439e+04	-1.006e+04	7.60e-04		0.0	190.02	-506.48	25.01	2.929e+04	-1.006e+04	-3.243e+04
						22.8	190.02	560.86	25.01	2.943e+04	-9744.27	-2.739e+04
214	67	1.591e+04	-2.589e+04	-6.26e-03	-0.80	45.5	190.02	1590.73	25.01	2.963e+04	-9432.02	9416.20
		-1.543e+04	-5.287e+04	-8.02e-05		0.0	-205.38	-445.44	-604.56	6909.26	-2.589e+04	-1.317e+04
						22.8	-205.38	955.40	-604.56	6457.56	-3.938e+04	-1.178e+04
214	68	1.021e+04	-8362.77	1.93e-03	-0.60	45.5	-205.38	2483.26	-604.56	6016.32	-5.287e+04	1.591e+04
		-3.123e+04	-1.296e+04	8.09e-04		0.0	126.48	-488.55	-87.04	2.764e+04	-8362.77	-2.926e+04
						22.8	126.48	644.67	-87.04	2.757e+04	-1.066e+04	-2.495e+04
214	71	1.533e+04	-2.517e+04	-6.10e-03	-0.79	45.5	126.48	1781.31	-87.04	2.755e+04	-1.296e+04	1.021e+04
		-1.663e+04	-5.305e+04	8.98e-04		0.0	-183.25	-445.19	-621.64	8257.22	-2.517e+04	-1.442e+04
						22.8	-183.25	940.26	-621.64	7819.35	-3.911e+04	-1.285e+04
214	79	1.257e+04	-1.878e+04	-3.88e-03	-0.66	45.5	-183.25	2454.05	-621.64	7395.49	-5.305e+04	1.533e+04
						0.0	-4.08	-478.55	-294.24	1.664e+04	-1.878e+04	-2.107e+04

		-2.324e+04 -3.217e+04	3.28e-04		22.8	-4.08	731.90	-294.24	1.652e+04 -2.548e+04 -1.827e+04
					45.5	-4.08	1986.63	-294.24	1.644e+04 -3.217e+04 1.257e+04
214	81	1.256e+04 -1.660e+04	-4.03e-03	-0.71	0.0	-31.21	-471.05	-270.70	2.034e+04 -1.660e+04 -2.570e+04
		-2.766e+04 -2.892e+04	3.14e-04		22.8	-31.21	833.18	-270.70	2.009e+04 -2.276e+04 -2.166e+04
					45.5	-31.21	2183.33	-270.70	1.988e+04 -2.892e+04 1.256e+04
214	82	1.266e+04 -1.738e+04	-4.12e-03	-0.72	0.0	-32.80	-480.96	-287.68	2.021e+04 -1.738e+04 -2.603e+04
		-2.804e+04 -3.047e+04	3.25e-04		22.8	-32.80	842.35	-287.68	1.997e+04 -2.392e+04 -2.200e+04
					45.5	-32.80	2212.63	-287.68	1.976e+04 -3.047e+04 1.266e+04
214	83	1.276e+04 -2.034e+04	-4.07e-03	-0.68	0.0	-7.27	-498.36	-328.19	1.640e+04 -2.034e+04 -2.173e+04
		-2.401e+04 -3.527e+04	3.50e-04		22.8	-7.27	750.25	-328.19	1.628e+04 -2.780e+04 -1.895e+04
					45.5	-7.27	2045.23	-328.19	1.620e+04 -3.527e+04 1.276e+04
214	86	1.257e+04 -1.878e+04	-3.88e-03	-0.66	0.0	-4.08	-478.55	-294.24	1.664e+04 -1.878e+04 -2.107e+04
		-2.324e+04 -3.217e+04	3.28e-04		22.8	-4.08	731.90	-294.24	1.652e+04 -2.548e+04 -1.827e+04
					45.5	-4.08	1986.63	-294.24	1.644e+04 -3.217e+04 1.257e+04
214	87	1.256e+04 -1.769e+04	-3.96e-03	-0.69	0.0	-17.64	-474.80	-282.47	1.849e+04 -1.769e+04 -2.338e+04
		-2.545e+04 -3.054e+04	3.21e-04		22.8	-17.64	782.54	-282.47	1.831e+04 -2.412e+04 -1.997e+04
					45.5	-17.64	2084.98	-282.47	1.816e+04 -3.054e+04 1.256e+04
214	88	1.261e+04 -1.909e+04	-3.92e-03	-0.67	0.0	-4.72	-482.51	-301.03	1.659e+04 -1.909e+04 -2.120e+04
		-2.340e+04 -3.279e+04	3.32e-04		22.8	-4.72	735.57	-301.03	1.648e+04 -2.594e+04 -1.841e+04
					45.5	-4.72	1998.35	-301.03	1.639e+04 -3.279e+04 -1.261e+04
214	91	1.257e+04 -1.878e+04	-3.88e-03	-0.66	0.0	-4.08	-478.55	-294.24	1.664e+04 -1.878e+04 -2.107e+04
		-2.324e+04 -3.217e+04	3.28e-04		22.8	-4.08	731.90	-294.24	1.652e+04 -2.548e+04 -1.827e+04
					45.5	-4.08	1986.63	-294.24	1.644e+04 -3.217e+04 1.257e+04
214	92	1.257e+04 -1.813e+04	-3.93e-03	-0.68	0.0	-12.22	-476.30	-287.18	1.775e+04 -1.813e+04 -2.246e+04
		-2.457e+04 -3.119e+04	3.24e-04		22.8	-12.22	762.29	-287.18	1.759e+04 -2.466e+04 -1.929e+04
					45.5	-12.22	2045.64	-287.18	1.747e+04 -3.119e+04 1.257e+04
215	4	-3.525e+04 2771.01	-5.72e-03	-0.90	0.0	-653.65	-817.43	-441.03	2.845e+04 2771.01 -1.010e+05
		-1.057e+05 -2.178e+04	5.67e-04		27.8	-653.65	1167.83	-441.03	2.785e+04 -9505.08 -9.630e+04
					55.7	-653.65	3233.06	-441.03	2.733e+04 -2.178e+04 -3.525e+04
215	5	-2.045e+04 1334.35	-4.17e-03	-0.62	0.0	-396.39	-578.13	-362.39	1.628e+04 1334.35 -6.405e+04
		-6.748e+04 -1.884e+04	4.47e-04		27.8	-396.39	773.60	-362.39	1.606e+04 -8752.83 -6.146e+04
					55.7	-396.39	2183.56	-362.39	1.589e+04 -1.884e+04 -2.045e+04
215	9	-2.880e+04 2539.55	-5.75e-03	-0.84	0.0	-557.52	-787.76	-517.79	2.188e+04 2539.55 -8.859e+04
		-9.325e+04 -2.629e+04	6.23e-04		27.8	-557.52	1060.63	-517.79	2.156e+04 -1.187e+04 -8.497e+04
					55.7	-557.52	2989.41	-517.79	2.130e+04 -2.629e+04 -2.880e+04
215	11	-3.366e+04 2941.34	-5.84e-03	-0.89	0.0	-632.91	-818.46	-482.98	2.633e+04 2941.34 -9.828e+04
		-1.030e+05 -2.395e+04	6.00e-04		27.8	-632.91	1147.27	-482.98	2.582e+04 -1.050e+04 -9.388e+04
					55.7	-632.91	3194.61	-482.98	2.539e+04 -2.395e+04 -3.366e+04
215	15	-1.544e+04 9669.15	-5.63e-03	-0.73	0.0	-579.49	-499.42	-493.14	1.248e+04 9669.15 -5.560e+04
		-5.847e+04 -1.797e+04	3.39e-04		27.8	-579.49	904.83	-493.14	1.181e+04 -4149.74 -5.270e+04
					55.7	-579.49	2566.80	-493.14	1.117e+04 -1.797e+04 -1.544e+04
215	18	-2.931e+04 -6666.63	2.86e-03	-0.56	0.0	-272.97	-681.17	-205.33	2.361e+04 -6666.63 -8.018e+04
		-8.424e+04 -1.791e+04	5.38e-04		27.8	-272.97	710.85	-205.33	2.369e+04 -1.229e+04 -7.728e+04
					55.7	-272.97	1962.61	-205.33	2.385e+04 -1.791e+04 -2.931e+04
215	27	-1.769e+04 1.089e+04	5.16e-03	-0.72	0.0	-563.44	-515.10	-496.98	1.449e+04 1.089e+04 -5.800e+04
		-6.100e+04 -1.690e+04	1.49e-03		27.8	-563.44	902.24	-496.98	1.383e+04 -3004.25 -5.531e+04
					55.7	-563.44	2540.52	-496.98	1.320e+04 -1.690e+04 -1.769e+04
215	31	-1.457e+04 8356.78	-6.43e-03	-0.72	0.0	-556.65	-509.66	-564.89	9228.08 8356.78 -5.584e+04
		-5.875e+04 -2.403e+04	4.60e-05		27.8	-556.65	889.65	-564.89	8692.43 -7838.76 -5.278e+04
					55.7	-556.65	2532.83	-564.89	8181.58 -2.403e+04 -1.457e+04
215	37	-1.706e+04 4036.69	-6.04e-03	-0.68	0.0	-485.02	-549.90	-512.03	1.068e+04 4036.69 -6.099e+04
		-6.415e+04 -2.547e+04	5.87e-06		27.8	-485.02	842.49	-512.03	1.034e+04 -1.072e+04 -5.785e+04
					55.7	-485.02	2393.07	-512.03	1.003e+04 -2.547e+04 -1.706e+04
215	47	-1.356e+04 1.188e+04	-6.02e-03	-0.75	0.0	-620.90	-474.87	-532.02	1.098e+04 1.188e+04 -5.228e+04
		-5.499e+04 -1.798e+04	3.13e-04		27.8	-620.90	931.05	-532.02	1.020e+04 -3050.05 -4.938e+04
					55.7	-620.90	2648.44	-532.02	9457.92 -1.798e+04 -1.356e+04
215	50	-3.119e+04 -8873.55	2.49e-03	-0.54	0.0	-231.55	-705.72	-166.45	2.511e+04 -8873.55 -8.350e+04
		-8.773e+04 -1.791e+04	5.65e-04		27.8	-231.55	684.63	-166.45	2.530e+04 -1.339e+04 -5.592e+04
					55.7	-231.55	1880.96	-166.45	2.556e+04 -1.791e+04 -3.119e+04
215	59	-1.642e+04 1.343e+04	5.42e-03	-0.74	0.0	-600.52	-494.79	-536.90	1.353e+04 1.343e+04 -5.532e+04
		-5.820e+04 -1.662e+04	1.78e-03		27.8	-600.52	927.75	-536.90	1.277e+04 -1594.44 -5.269e+04
					55.7	-600.52	2615.07	-536.90	1.204e+04 -1.662e+04 -1.642e+04
215	63	-1.246e+04 1.021e+04	-7.03e-03	-0.74	0.0	-591.90	-487.86	-623.16	6845.31 1.021e+04 -5.259e+04
		-5.534e+04 -2.568e+04	-6.01e-05		27.8	-591.90	911.77	-623.16	6244.58 -7735.75 -4.948e+04
					55.7	-591.90	2605.29	-623.16	5661.07 -2.568e+04 -1.246e+04
215	69	-1.562e+04 4721.94	-6.54e-03	-0.69	0.0	-500.91	-538.98	-556.02	8684.57 4721.94 -5.913e+04
		-6.220e+04 -2.750e+04	-1.15e-04		27.8	-500.91	851.87	-556.02	8337.02 -1.139e+04 -5.592e+04
					55.7	-500.91	2427.76	-556.02	8015.06 -2.750e+04 -1.562e+04
215	79	-2.099e+04 1386.46	-4.18e-03	-0.63	0.0	-404.69	-581.52	-359.18	1.677e+04 1386.46 -6.512e+04
		-6.856e+04 -1.861e+04	4.45e-04		27.8	-404.69	783.09	-359.18	1.653e+04 -8611.33 -6.244e+04
					55.7	-404.69	2206.07	-359.18	1.634e+04 -1.861e+04 -2.099e+04
215	82	-2.594e+04 1997.46	-4.37e-03	-0.68	0.0	-484.20	-620.22	-344.05	2.087e+04 1997.46 -7.531e+04
		-7.889e+04 -1.716e+04	4.38e-04		27.8	-484.20	876.64	-344.05	2.046e+04 -7579.23 -7.187e+04
					55.7	-484.20	2434.51	-344.05	2.010e+04 -1.716e+04 -2.594e+04
215	83	-2.164e+04 1843.16	-4.39e-03	-0.64	0.0	-420.11	-600.45	-395.23	1.650e+04 1843.16 -6.703e+04
		-7.059e+04 -2.016e+04	4.76e-04		27.8	-420.11	805.18	-395.23	1.626e+04 -9157.99 -6.431e+04
					55.7	-420.11	2272.08	-395.23	1.608e+04 -2.016e+04 -2.164e+04

215	85	-2.488e+04	2111.01	-4.44e-03	-0.67	0.0	-470.37	-620.91	-372.02	1.946e+04	2111.01	-7.349e+04
		-7.711e+04	-1.860e+04	4.60e-04		27.8	-470.37	862.93	-372.02	1.910e+04	-8244.19	-7.026e+04
						55.7	-470.37	2408.88	-372.02	1.880e+04	-1.860e+04	-2.488e+04
215	86	-2.099e+04	1386.46	-4.18e-03	-0.63	0.0	-404.69	-581.52	-359.18	1.677e+04	1386.46	-6.512e+04
		-6.856e+04	-1.861e+04	4.45e-04		27.8	-404.69	783.09	-359.18	1.653e+04	-8611.33	-6.244e+04
						55.7	-404.69	2206.07	-359.18	1.634e+04	-1.861e+04	-2.099e+04
215	87	-2.330e+04	1577.79	-4.22e-03	-0.65	0.0	-440.59	-596.14	-342.60	1.889e+04	1577.79	-6.974e+04
		-7.322e+04	-1.750e+04	4.34e-04		27.8	-440.59	824.34	-342.60	1.856e+04	-7958.62	-6.669e+04
						55.7	-440.59	2303.79	-342.60	1.829e+04	-1.750e+04	-2.330e+04
215	88	-2.112e+04	1477.80	-4.22e-03	-0.63	0.0	-407.77	-585.31	-366.39	1.672e+04	1477.80	-6.550e+04
		-6.897e+04	-1.892e+04	4.51e-04		27.8	-407.77	787.50	-366.39	1.648e+04	-8720.66	-6.282e+04
						55.7	-407.77	2219.27	-366.39	1.629e+04	-1.892e+04	-2.112e+04
215	90	-2.251e+04	1592.60	-4.25e-03	-0.64	0.0	-429.31	-594.08	-356.44	1.799e+04	1592.60	-6.827e+04
		-7.176e+04	-1.825e+04	4.45e-04		27.8	-429.31	812.26	-356.44	1.770e+04	-8329.04	-6.537e+04
						55.7	-429.31	2277.90	-356.44	1.746e+04	-1.825e+04	-2.251e+04
215	91	-2.099e+04	1386.46	-4.18e-03	-0.63	0.0	-404.69	-581.52	-359.18	1.677e+04	1386.46	-6.512e+04
		-6.856e+04	-1.861e+04	4.45e-04		27.8	-404.69	783.09	-359.18	1.653e+04	-8611.33	-6.244e+04
						55.7	-404.69	2206.07	-359.18	1.634e+04	-1.861e+04	-2.099e+04
215	92	-2.238e+04	1501.26	-4.20e-03	-0.64	0.0	-426.23	-590.29	-349.24	1.805e+04	1501.26	-6.789e+04
		-7.136e+04	-1.794e+04	4.39e-04		27.8	-426.23	807.84	-349.24	1.775e+04	-8219.70	-6.499e+04
						55.7	-426.23	2264.70	-349.24	1.751e+04	-1.794e+04	-2.238e+04
216	4	-8.511e+04	3.250e+04	3.84e-03	-0.84	0.0	-929.57	-2159.22	-520.55	2.937e+04	3.250e+04	-8.511e+04
		-1.200e+05	3527.82	5.56e-04		27.8	-929.57	-294.73	-520.55	2.860e+04	1.801e+04	-1.194e+05
						55.7	-929.57	1623.14	-520.55	2.792e+04	3527.82	-1.010e+05
216	5	-5.446e+04	2.620e+04	2.96e-03	-0.58	0.0	-587.57	-1439.88	-437.53	1.620e+04	2.620e+04	-5.446e+04
		-7.743e+04	1846.80	4.40e-04		27.8	-587.57	-179.57	-437.53	1.589e+04	1.402e+04	-7.708e+04
						55.7	-587.57	1121.95	-437.53	1.562e+04	1846.80	-6.408e+04
216	9	-7.485e+04	3.755e+04	4.09e-03	-0.79	0.0	-816.70	-1979.03	-616.28	2.184e+04	3.755e+04	-7.485e+04
		-1.066e+05	3243.62	6.12e-04		27.8	-816.70	-256.77	-616.28	2.139e+04	2.039e+04	-1.061e+05
						55.7	-816.70	1522.35	-616.28	2.100e+04	3243.62	-8.862e+04
216	15	-4.956e+04	3.792e+04	4.09e-03	-0.67	0.0	-729.71	-1268.32	-500.12	1.286e+04	3.792e+04	-4.956e+04
		-6.899e+04	1.039e+04	3.38e-04		27.8	-729.71	-110.00	-500.12	1.211e+04	2.416e+04	-6.885e+04
						55.7	-729.71	1254.73	-500.12	1.140e+04	1.039e+04	-5.560e+04
216	18	-6.561e+04	1.286e+04	-1.78e-03	-0.53	0.0	-516.06	-1730.45	-339.26	2.358e+04	1.286e+04	-6.561e+04
		-9.420e+04	-6325.73	5.25e-04		27.8	-516.06	-274.46	-339.26	2.352e+04	3267.55	-9.357e+04
						55.7	-516.06	1056.59	-339.26	2.354e+04	-6325.73	-8.022e+04
216	27	-5.040e+04	3.863e+04	3.70e-03	-0.67	0.0	-755.58	-1303.20	-491.76	1.467e+04	3.863e+04	-5.040e+04
		-7.082e+04	1.159e+04	3.99e-04		27.8	-755.58	-139.42	-491.76	1.392e+04	2.511e+04	-7.058e+04
						55.7	-755.58	1268.01	-491.76	1.321e+04	1.159e+04	-5.801e+04
216	30	-6.478e+04	1.215e+04	-2.18e-03	-0.53	0.0	-490.19	-1695.56	-347.62	2.177e+04	1.215e+04	-6.478e+04
		-9.236e+04	-7529.25	4.65e-04		27.8	-490.19	-245.05	-347.62	2.171e+04	2312.59	-9.184e+04
						55.7	-490.19	1043.31	-347.62	2.173e+04	-7529.25	-7.781e+04
216	43	-5.093e+04	4.336e+04	-4.57e-03	-0.65	0.0	-692.54	-1342.95	-602.79	1.154e+04	4.336e+04	-5.093e+04
		-7.172e+04	1.027e+04	1.07e-05		27.8	-692.54	-123.24	-602.79	1.094e+04	2.681e+04	-7.153e+04
						55.7	-692.54	1232.53	-602.79	1.038e+04	1.027e+04	-5.803e+04
216	47	-4.740e+04	4.131e+04	4.40e-03	-0.69	0.0	-758.57	-1205.87	-521.84	1.141e+04	4.131e+04	-4.740e+04
		-6.558e+04	1.265e+04	3.13e-04		27.8	-758.57	-87.77	-521.84	1.057e+04	2.698e+04	-6.551e+04
						55.7	-758.57	1281.50	-521.84	9761.49	1.265e+04	-5.228e+04
216	50	-6.778e+04	9475.13	-1.46e-03	-0.51	0.0	-487.20	-1792.90	-317.54	2.502e+04	9475.13	-6.778e+04
		-9.762e+04	-8583.94	5.50e-04		27.8	-487.20	-296.69	-317.54	2.506e+04	445.60	-9.692e+04
						55.7	-487.20	1029.82	-317.54	2.518e+04	-8583.94	-8.354e+04
216	59	-4.845e+04	4.221e+04	3.91e-03	-0.68	0.0	-791.44	-1250.17	-511.22	1.371e+04	4.221e+04	-4.845e+04
		-6.791e+04	1.418e+04	3.90e-04		27.8	-791.44	-125.13	-511.22	1.287e+04	2.819e+04	-6.771e+04
						55.7	-791.44	1298.36	-511.22	1.206e+04	1.418e+04	-5.533e+04
216	62	-6.672e+04	8577.17	-1.97e-03	-0.52	0.0	-454.33	-1748.59	-328.16	2.272e+04	8577.17	-6.672e+04
		-9.527e+04	-1.011e+04	4.73e-04		27.8	-454.33	-259.33	-328.16	2.277e+04	-768.15	-9.471e+04
						55.7	-454.33	1012.96	-328.16	2.288e+04	-1.011e+04	-8.049e+04
216	75	-4.913e+04	4.822e+04	-5.01e-03	-0.67	0.0	-711.36	-1300.66	-652.27	9730.81	4.822e+04	-4.913e+04
		-6.905e+04	1.249e+04	-1.03e-04		27.8	-711.36	-104.59	-652.27	9087.65	3.036e+04	-6.892e+04
						55.7	-711.36	1253.31	-652.27	8470.01	1.249e+04	-5.536e+04
216	79	-5.533e+04	2.601e+04	2.96e-03	-0.59	0.0	-597.25	-1456.43	-433.06	1.676e+04	2.601e+04	-5.533e+04
		-7.859e+04	1904.05	4.39e-04		27.8	-597.25	-183.12	-433.06	1.642e+04	1.396e+04	-7.823e+04
						55.7	-597.25	1131.26	-433.06	1.613e+04	1904.05	-6.514e+04
216	82	-6.354e+04	2.526e+04	2.96e-03	-0.64	0.0	-692.89	-1622.64	-407.76	2.144e+04	2.526e+04	-6.354e+04
		-8.969e+04	2567.59	4.30e-04		27.8	-692.89	-218.53	-407.76	2.090e+04	1.392e+04	-8.924e+04
						55.7	-692.89	1226.71	-407.76	2.042e+04	2567.59	-7.532e+04
216	83	-5.670e+04	2.863e+04	3.13e-03	-0.60	0.0	-617.65	-1502.51	-471.57	1.642e+04	2.863e+04	-5.670e+04
		-8.077e+04	2378.12	4.68e-04		27.8	-617.65	-193.23	-471.57	1.609e+04	1.550e+04	-8.039e+04
						55.7	-617.65	1159.52	-471.57	1.581e+04	2378.12	-6.705e+04
216	86	-5.533e+04	2.601e+04	2.96e-03	-0.59	0.0	-597.25	-1456.43	-433.06	1.676e+04	2.601e+04	-5.533e+04
		-7.859e+04	1904.05	4.39e-04		27.8	-597.25	-183.12	-433.06	1.642e+04	1.396e+04	-7.823e+04
						55.7	-597.25	1131.26	-433.06	1.613e+04	1904.05	-6.514e+04
216	87	-5.909e+04	2.498e+04	2.92e-03	-0.61	0.0	-639.97	-1528.02	-410.78	1.919e+04	2.498e+04	-5.909e+04
		-8.359e+04	2117.30	4.27e-04		27.8	-639.97	-198.30	-410.78	1.874e+04	1.355e+04	-8.320e+04
						55.7	-639.97	1171.92	-410.78	1.836e+04	2117.30	-6.975e+04
216	88	-5.560e+04	2.653e+04	2.99e-03	-0.59	0.0	-601.33	-1465.65	-440.76	1.669e+04	2.653e+04	-5.560e+04
		-7.902e+04	1998.87	4.44e-04		27.8	-601.33	-185.15	-440.76	1.636e+04	1.427e+04	-7.866e+04

216	91	-5.533e+04	2.601e+04	2.96e-03	-0.59	55.7	-601.33	1136.92	-440.76	1.607e+04	1998.87	-6.553e+04
		-7.859e+04	1904.05	4.39e-04		0.0	-597.25	-1456.43	-433.06	1.676e+04	2.601e+04	-5.533e+04
						27.8	-597.25	-183.12	-433.06	1.642e+04	1.396e+04	-7.823e+04
216	92	-5.759e+04	2.539e+04	2.93e-03	-0.60	55.7	-597.25	1131.26	-433.06	1.613e+04	1904.05	-6.514e+04
		-8.159e+04	2032.00	4.32e-04		0.0	-622.88	-1499.38	-419.69	1.822e+04	2.539e+04	-5.759e+04
						27.8	-622.88	-192.23	-419.69	1.782e+04	1.371e+04	-8.121e+04
217	3	1994.25	6.035e+04	2.12e-03	-0.80	55.7	-622.88	1155.66	-419.69	1.747e+04	2032.00	-6.791e+04
		-8.467e+04	3.127e+04	4.45e-04		0.0	-97.76	-3323.08	-522.31	3.062e+04	6.035e+04	1994.25
						27.8	-97.76	-1553.33	-522.31	2.967e+04	4.581e+04	-6.593e+04
217	4	2394.10	6.399e+04	2.23e-03	-0.81	55.7	-97.76	245.48	-522.31	2.881e+04	3.127e+04	-8.421e+04
		-8.569e+04	3.325e+04	4.61e-04		0.0	-96.78	-3372.87	-552.07	3.029e+04	6.399e+04	2394.10
						27.8	-96.78	-1579.28	-552.07	2.934e+04	4.568e+04	-6.659e+04
217	7	1535.10	4.553e+04	1.60e-03	-0.62	55.7	-96.78	244.88	-552.07	2.849e+04	3.325e+04	-8.524e+04
		-6.618e+04	2.368e+04	3.39e-04		0.0	-79.19	-2592.15	-392.44	2.434e+04	4.553e+04	1535.10
						27.8	-79.19	-1214.00	-392.44	2.358e+04	3.460e+04	-5.148e+04
217	9	2784.01	7.545e+04	2.66e-03	-0.75	55.7	-79.19	186.07	-392.44	2.289e+04	2.368e+04	-6.584e+04
		-7.556e+04	3.832e+04	5.03e-04		0.0	-60.09	-3043.30	-666.89	2.156e+04	7.545e+04	2784.01
						27.8	-60.09	-1403.04	-666.89	2.099e+04	5.689e+04	-5.917e+04
217	11	2790.97	6.997e+04	2.44e-03	-0.80	55.7	-60.09	273.90	-666.89	2.048e+04	3.832e+04	-7.498e+04
		-8.337e+04	3.616e+04	4.85e-04		0.0	-85.08	-3308.85	-607.36	2.743e+04	6.997e+04	2790.97
						27.8	-85.08	-1544.57	-607.36	2.661e+04	5.307e+04	-6.482e+04
217	12	2324.86	6.063e+04	2.14e-03	-0.57	55.7	-85.08	253.16	-607.36	2.586e+04	3.616e+04	-8.288e+04
		-5.708e+04	3.074e+04	3.96e-04		0.0	-41.51	-2312.37	-537.03	1.528e+04	6.063e+04	2324.86
						27.8	-41.51	-1063.71	-537.03	1.490e+04	4.472e+04	-6.584e+04
217	15	4015.59	6.517e+04	-2.99e-03	-0.63	55.7	-41.51	214.48	-537.03	1.455e+04	3.074e+04	-5.662e+04
		-5.041e+04	3.857e+04	2.85e-04		0.0	-75.28	-2009.94	-475.02	1.315e+04	6.517e+04	4015.59
						27.8	-75.28	-881.08	-475.02	1.233e+04	5.187e+04	-4.083e+04
217	18	-959.91	3.737e+04	9.45e-04	-0.51	55.7	-75.28	262.55	-475.02	1.154e+04	3.857e+04	-4.963e+04
		-6.597e+04	1.334e+04	4.30e-04		0.0	-30.78	-2625.76	-434.32	2.342e+04	3.737e+04	-959.91
						27.8	-30.78	-1254.53	-434.32	2.323e+04	2.536e+04	-5.045e+04
217	36	198.92	2.835e+04	7.19e-04	-0.57	55.7	-30.78	152.38	-434.32	2.311e+04	1.334e+04	-6.573e+04
		-6.167e+04	1.370e+04	5.47e-04		0.0	-175.92	-2372.98	-256.72	2.455e+04	2.835e+04	198.92
						27.8	-175.92	-1149.62	-256.72	2.400e+04	2.103e+04	-4.737e+04
217	37	2856.75	7.419e+04	-4.13e-03	-0.58	55.7	-175.92	120.75	-256.72	2.353e+04	1.370e+04	-6.151e+04
		-5.473e+04	3.822e+04	1.68e-04		0.0	69.86	-2262.72	-652.62	1.202e+04	7.419e+04	2856.75
						27.8	69.86	-985.98	-652.62	1.155e+04	5.620e+04	-4.391e+04
217	39	3603.98	7.798e+04	-4.15e-03	-0.61	55.7	69.86	294.19	-652.62	1.112e+04	3.822e+04	-5.385e+04
		-5.165e+04	4.399e+04	1.11e-04		0.0	6.13	-2125.93	-613.39	1.174e+04	7.798e+04	3603.98
						27.8	6.13	-923.77	-613.39	1.108e+04	6.099e+04	-4.156e+04
217	46	-335.10	2.469e+04	7.29e-04	-0.54	55.7	6.13	285.50	-613.39	1.045e+04	4.399e+04	-5.079e+04
		-6.459e+04	7790.09	5.73e-04		0.0	-105.05	-2503.55	-300.93	2.444e+04	2.469e+04	-335.10
						27.8	-105.05	-1204.24	-300.93	2.408e+04	1.624e+04	-4.973e+04
217	47	4688.27	6.893e+04	-3.31e-03	-0.65	55.7	-105.05	136.33	-300.93	2.380e+04	7790.09	-6.437e+04
		-4.836e+04	4.198e+04	2.65e-04		0.0	-81.29	-1926.73	-480.52	1.176e+04	6.893e+04	4688.27
						27.8	-81.29	-830.62	-480.52	1.085e+04	5.545e+04	-3.953e+04
217	50	-1632.59	3.361e+04	7.04e-04	-0.50	55.7	-81.29	277.43	-480.52	9977.58	4.198e+04	-4.745e+04
		-6.809e+04	9936.69	4.50e-04		0.0	-24.77	-2708.96	-428.82	2.481e+04	3.361e+04	-1632.59
						27.8	-24.77	-1304.99	-428.82	2.470e+04	2.178e+04	-5.175e+04
217	68	-160.93	2.215e+04	1.08e-03	-0.57	55.7	-24.77	137.50	-428.82	2.467e+04	9936.69	-6.791e+04
		-6.263e+04	1.039e+04	5.98e-04		0.0	-209.13	-2387.88	-203.23	2.624e+04	2.215e+04	-160.93
						27.8	-209.13	-1171.74	-203.23	2.569e+04	1.627e+04	-4.784e+04
217	69	3216.61	8.039e+04	-4.75e-03	-0.58	55.7	-209.13	97.31	-203.23	2.521e+04	1.039e+04	-6.254e+04
		-5.385e+04	4.153e+04	1.17e-04		0.0	103.07	-2247.82	-706.11	1.033e+04	8.039e+04	3216.61
						27.8	103.07	-963.87	-706.11	9872.29	6.096e+04	-4.344e+04
217	71	4165.97	8.520e+04	-4.77e-03	-0.62	55.7	103.07	317.62	-706.11	9444.26	4.153e+04	-5.282e+04
		-4.993e+04	4.887e+04	4.42e-05		0.0	22.12	-2074.06	-656.29	9964.81	8.520e+04	4165.97
						27.8	22.12	-884.85	-656.29	9268.46	6.703e+04	-4.045e+04
217	78	-839.51	1.751e+04	9.91e-04	-0.53	55.7	22.12	306.58	-656.29	8598.36	4.887e+04	-4.892e+04
		-6.634e+04	2879.73	6.32e-04		0.0	-119.10	-2553.75	-259.39	2.610e+04	1.751e+04	-839.51
						27.8	-119.10	-1241.11	-259.39	2.579e+04	1.019e+04	-5.084e+04
217	81	1532.48	4.762e+04	1.68e-03	-0.60	55.7	-119.10	117.11	-259.39	2.555e+04	2879.73	-6.618e+04
		-6.332e+04	2.452e+04	3.46e-04		0.0	-69.69	-2494.87	-414.98	2.220e+04	4.762e+04	1532.48
						27.8	-69.69	-1162.16	-414.98	2.152e+04	3.607e+04	-4.941e+04
217	82	1799.05	5.005e+04	1.76e-03	-0.61	55.7	-69.69	193.64	-414.98	2.091e+04	2.452e+04	-6.295e+04
		-6.401e+04	2.584e+04	3.57e-04		0.0	-69.03	-2528.06	-434.82	2.197e+04	5.005e+04	1799.05
						27.8	-69.03	-1179.46	-434.82	2.131e+04	3.794e+04	-4.985e+04
217	83	2058.99	5.769e+04	2.05e-03	-0.57	55.7	-69.03	193.24	-434.82	2.070e+04	2.584e+04	-6.364e+04
		-5.726e+04	2.922e+04	3.84e-04		0.0	-44.58	-2308.35	-511.36	1.616e+04	5.769e+04	2058.99
						27.8	-44.58	-1061.97	-511.36	1.574e+04	4.346e+04	-4.490e+04
217	85	2063.63	5.404e+04	1.89e-03	-0.60	55.7	-44.58	212.59	-511.36	1.536e+04	2.922e+04	-5.680e+04
		-6.246e+04	2.778e+04	3.73e-04		0.0	-61.24	-2485.38	-471.67	2.007e+04	5.404e+04	2063.63
						27.8	-61.24	-1156.33	-471.67	1.948e+04	4.091e+04	-4.867e+04
217	87	1529.16	5.023e+04	1.79e-03	-0.58	55.7	-61.24	198.76	-471.67	1.895e+04	2.778e+04	-6.206e+04
		-5.961e+04	2.555e+04	3.54e-04		0.0	-57.79	-2368.43	-443.33	1.940e+04	5.023e+04	1529.16
						27.8	-57.79	-1094.76	-443.33	1.885e+04	3.789e+04	-4.672e+04
217	88	1632.48	5.381e+04	1.93e-03	-0.56	55.7	-57.79	203.52	-443.33	1.835e+04	2.555e+04	-5.919e+04
						0.0	-45.63	-2255.25	-479.62	1.652e+04	5.381e+04	1632.48

		-5.617e+04	2.711e+04	3.67e-04		27.8	-45.63	-1034.29	-479.62	1.609e+04	4.046e+04	-4.420e+04
217	90	1634.47	5.224e+04	1.86e-03	-0.58	55.7	-45.63	213.23	-479.62	1.570e+04	2.711e+04	-5.570e+04
		-5.839e+04	2.649e+04	3.62e-04		0.0	-52.77	-2331.12	-462.60	1.820e+04	5.224e+04	1634.47
						27.8	-52.77	-1074.72	-462.60	1.769e+04	3.936e+04	-4.582e+04
						55.7	-52.77	207.31	-462.60	1.724e+04	2.649e+04	-5.796e+04
217	91	1525.85	5.284e+04	1.90e-03	-0.56	0.0	-45.89	-2241.98	-471.68	1.661e+04	5.284e+04	1525.85
		-5.589e+04	2.658e+04	3.63e-04		27.8	-45.89	-1027.37	-471.68	1.617e+04	3.971e+04	-4.403e+04
						55.7	-45.89	213.39	-471.68	1.579e+04	2.658e+04	-5.542e+04
217	92	1527.84	5.127e+04	1.83e-03	-0.57	0.0	-53.03	-2317.85	-454.67	1.829e+04	5.127e+04	1527.84
		-5.812e+04	2.596e+04	3.58e-04		27.8	-53.03	-1067.80	-454.67	1.778e+04	3.862e+04	-4.564e+04
						55.7	-53.03	207.47	-454.67	1.733e+04	2.596e+04	-5.768e+04
218	4	-1.135e+05	-6.485e+04	5.75e-03	-0.80	0.0	-214.09	-4298.75	537.31	-2776.58	-1.363e+05	-1.135e+05
		-2.678e+05	-1.363e+05	-4.91e-03		66.5	-214.09	-326.00	537.31	-3433.18	-1.006e+05	-2.671e+05
						133.0	-214.09	3834.93	537.31	-4148.25	-6.485e+04	-1.527e+05
218	5	-7.624e+04	-4.878e+04	3.66e-03	-0.55	0.0	-147.42	-2887.58	408.47	-2499.74	-1.031e+05	-7.624e+04
		-1.789e+05	-1.031e+05	-3.74e-03		66.5	-147.42	-196.79	408.47	-2726.32	-7.605e+04	-1.787e+05
						133.0	-147.42	2613.94	408.47	-2999.32	-4.878e+04	-9.977e+04
218	9	-1.031e+05	-6.585e+04	4.75e-03	-0.75	0.0	-196.51	-3996.81	552.25	-2769.21	-1.393e+05	-1.031e+05
		-2.458e+05	-1.393e+05	-5.08e-03		66.5	-196.51	-287.59	552.25	-3172.66	-1.026e+05	-2.454e+05
						133.0	-196.51	3576.60	552.25	-3630.15	-6.585e+04	-1.380e+05
218	30	-9.072e+04	-6.869e+04	6.40e-03	-0.51	0.0	-145.34	-3397.00	328.15	244.51	-1.114e+05	-9.072e+04
		-2.062e+05	-1.114e+05	-3.70e-03		66.5	-145.34	-373.96	328.15	527.53	-9.003e+04	-2.062e+05
						133.0	-145.34	2264.30	328.15	857.93	-6.869e+04	-1.219e+05
218	31	-4.810e+04	-2.269e+04	-0.01	-0.61	0.0	436.15	-2708.41	183.11	-9912.30	-4.764e+04	-4.810e+04
		-1.746e+05	-4.764e+04	-2.95e-03		66.5	436.15	322.21	183.11	-9866.06	-3.516e+04	-1.715e+05
						133.0	436.15	3450.72	183.11	-9995.32	-2.269e+04	-6.660e+04
218	36	-1.077e+05	-6.605e+04	0.01	-0.55	0.0	-816.57	-3044.00	722.52	4064.07	-1.624e+05	-1.077e+05
		-1.906e+05	-1.624e+05	-4.95e-03		66.5	-816.57	-668.62	722.52	3010.23	-1.142e+05	-1.902e+05
						133.0	-816.57	2075.51	722.52	1997.88	-6.605e+04	-1.332e+05
218	37	-5.108e+04	-3.172e+04	-0.01	-0.58	0.0	511.65	-2945.83	92.71	-8942.00	-4.382e+04	-5.108e+04
		-1.851e+05	-4.382e+04	-2.51e-03		66.5	511.65	247.68	92.71	-8502.41	-3.777e+04	-1.816e+05
						133.0	511.65	3329.20	92.71	-8197.86	-3.172e+04	-7.587e+04
218	62	-9.378e+04	-7.405e+04	7.07e-03	-0.50	0.0	-143.43	-3505.68	306.69	969.68	-1.136e+05	-9.378e+04
		-2.117e+05	-1.136e+05	-3.69e-03		66.5	-143.43	-418.15	306.69	1412.22	-9.383e+04	-2.117e+05
						133.0	-143.43	2145.91	306.69	1927.59	-7.405e+04	-1.265e+05
218	63	-3.965e+04	-1.561e+04	-0.02	-0.62	0.0	595.23	-2630.97	122.43	-1.193e+04	-3.264e+04	-3.965e+04
		-1.715e+05	-3.264e+04	-2.74e-03		66.5	595.23	466.15	122.43	-1.179e+04	-2.413e+04	-1.676e+05
						133.0	595.23	3652.95	122.43	-1.186e+04	-1.561e+04	-5.634e+04
218	68	-1.154e+05	-7.069e+04	0.01	-0.55	0.0	-996.02	-3057.28	807.62	5821.46	-1.784e+05	-1.154e+05
		-1.927e+05	-1.784e+05	-5.28e-03		66.5	-996.02	-792.42	807.62	4565.85	-1.245e+05	-1.913e+05
						133.0	-996.02	1906.13	807.62	3375.60	-7.069e+04	-1.410e+05
218	69	-4.342e+04	-2.708e+04	-0.02	-0.59	0.0	691.11	-2932.55	7.62	-1.070e+04	-2.780e+04	-4.342e+04
		-1.849e+05	-2.780e+04	-2.18e-03		66.5	691.11	371.48	7.62	-1.006e+04	-2.744e+04	-1.804e+05
						133.0	691.11	3498.59	7.62	-9575.58	-2.708e+04	-6.811e+04
218	79	-7.712e+04	-4.885e+04	3.74e-03	-0.55	0.0	-148.76	-2917.00	408.49	-2481.30	-1.032e+05	-7.712e+04
		-1.809e+05	-1.032e+05	-3.74e-03		66.5	-148.76	-200.45	408.49	-2732.59	-7.602e+04	-1.807e+05
						133.0	-148.76	2638.49	408.49	-3030.42	-4.885e+04	-1.011e+05
218	82	-8.535e+04	-4.970e+04	4.28e-03	-0.60	0.0	-161.66	-3235.16	412.66	-2194.19	-1.046e+05	-8.535e+04
		-2.013e+05	-1.046e+05	-3.77e-03		66.5	-161.66	-241.62	412.66	-2648.95	-7.714e+04	-2.009e+05
						133.0	-161.66	2892.06	412.66	-3148.83	-4.970e+04	-1.144e+05
218	83	-7.845e+04	-5.036e+04	3.62e-03	-0.57	0.0	-149.95	-3033.87	422.62	-2189.28	-1.066e+05	-7.845e+04
		-1.867e+05	-1.066e+05	-3.89e-03		66.5	-149.95	-216.01	422.62	-2475.27	-7.847e+04	-1.864e+05
						133.0	-149.95	2719.83	422.62	-2803.42	-5.036e+04	-1.046e+05
218	86	-7.712e+04	-4.885e+04	3.74e-03	-0.55	0.0	-148.76	-2917.00	408.49	-2481.30	-1.032e+05	-7.712e+04
		-1.809e+05	-1.032e+05	-3.74e-03		66.5	-148.76	-200.45	408.49	-2732.59	-7.602e+04	-1.807e+05
						133.0	-148.76	2638.49	408.49	-3030.42	-4.885e+04	-1.011e+05
218	87	-8.090e+04	-4.890e+04	4.04e-03	-0.57	0.0	-154.92	-3046.86	407.04	-2410.75	-1.030e+05	-8.090e+04
		-1.897e+05	-1.030e+05	-3.72e-03		66.5	-154.92	-217.15	407.04	-2755.10	-7.599e+04	-1.859e+05
						133.0	-154.92	2744.94	407.04	-3146.37	-4.890e+04	-1.069e+05
218	88	-7.739e+04	-4.916e+04	3.71e-03	-0.56	0.0	-149.00	-2940.37	411.31	-2422.89	-1.039e+05	-7.739e+04
		-1.821e+05	-1.039e+05	-3.77e-03		66.5	-149.00	-203.56	411.31	-2681.12	-7.651e+04	-1.818e+05
						133.0	-149.00	2654.76	411.31	-2985.02	-4.916e+04	-1.018e+05
218	91	-7.712e+04	-4.885e+04	3.74e-03	-0.55	0.0	-148.76	-2917.00	408.49	-2481.30	-1.032e+05	-7.712e+04
		-1.809e+05	-1.032e+05	-3.74e-03		66.5	-148.76	-200.45	408.49	-2732.59	-7.602e+04	-1.807e+05
						133.0	-148.76	2638.49	408.49	-3030.42	-4.885e+04	-1.011e+05
218	92	-7.939e+04	-4.888e+04	3.92e-03	-0.57	0.0	-152.46	-2994.91	407.62	-2438.97	-1.031e+05	-7.939e+04
		-1.862e+05	-1.031e+05	-3.73e-03		66.5	-152.46	-210.47	407.62	-2746.09	-7.599e+04	-1.859e+05
						133.0	-152.46	2702.36	407.62	-3099.99	-4.888e+04	-1.046e+05
219	3	5.479e+04	-1.330e+05	1.95e-03	-0.75	0.0	291.61	-3111.26	575.45	-2904.94	-1.618e+05	5.479e+04
		-2.524e+04	-1.618e+05	-1.30e-03		25.0	291.61	-1596.47	575.45	-3120.33	-1.474e+05	-4002.67
						50.0	291.61	-106.36	575.45	-3343.23	-1.330e+05	-2.524e+04
219	5	3.878e+04	-1.025e+05	1.44e-03	-0.52	0.0	182.78	-2151.97	453.36	-2718.76	-1.251e+05	3.878e+04
		-1.650e+04	-1.251e+05	-1.02e-03		25.0	182.78	-1102.49	453.36	-2785.61	-1.138e+05	-1862.64
						50.0	182.78	-71.17	453.36	-2859.16	-1.025e+05	-1.650e+04
219	7	4.251e+04	-1.021e+05	1.51e-03	-0.58	0.0	229.44	-2418.90	440.92	-2186.52	-1.241e+05	4.251e+04
		-1.971e+04	-1.241e+05	-9.99e-04		25.0	229.44	-1241.19	440.92	-2360.15	-1.131e+05	-3203.45
						50.0	229.44	-82.58	440.92	-2539.46	-1.021e+05	-1.971e+04

219	9	5.470e+04 -1.385e+05 -2.145e+04 -1.692e+05	2.06e-03 -1.39e-03	-0.72	0.0 25.0 50.0	276.12 276.12 276.12	-2968.52 -1518.55 -94.63	613.42 613.42 613.42	-2849.95 -1.692e+05 -2981.49 -1.538e+05 -3120.20 -1.385e+05	5.470e+04 -1336.07 -2.145e+04
219	11	5.731e+04 -1.382e+05 -2.370e+04 -1.684e+05	2.11e-03 -1.37e-03	-0.76	0.0 25.0 50.0	308.78 308.78 308.78	-3155.38 -1615.63 -102.62	604.71 604.71 604.71	-2477.38 -1.684e+05 -2683.67 -1.533e+05 -2896.41 -1.382e+05	5.731e+04 -2274.64 -2.370e+04
219	31	5.151e+04 -4.716e+04 -1.484e+04 -5.729e+04	-0.01 -7.81e-04	-0.63	0.0 25.0 50.0	892.23 892.23 892.23	-2115.15 -937.87 261.35	205.71 205.71 205.71	-1.215e+04 -5.729e+04 -1.206e+04 -5.222e+04 -1.199e+04 -4.716e+04	5.151e+04 6294.14 -1.484e+04
219	32	3.204e+04 -1.605e+05 -1.994e+04 -2.055e+05	0.02 -1.47e-03	-0.48	0.0 25.0 50.0	-578.51 -578.51 -578.51	-2193.11 -1256.29 -370.76	914.15 914.15 914.15	4781.74 -2.055e+05 4372.94 -1.830e+05 3974.05 -1.605e+05	3.204e+04 -9651.68 -1.947e+04
219	33	4.758e+04 -4.446e+04 -1.531e+04 -4.451e+04	-0.01 -5.57e-04	-0.61	0.0 25.0 50.0	969.11 969.11 969.11	-2258.27 -1025.50 221.75	-13.69 -13.69 -13.69	-9921.83 -4.451e+04 -9708.32 -4.449e+04 -9517.55 -4.446e+04	4.758e+04 5181.01 -1.531e+04
219	36	3.146e+04 -1.616e+05 -1.983e+04 -2.069e+05	0.02 -1.41e-03	-0.48	0.0 25.0 50.0	-572.32 -572.32 -572.32	-2192.55 -1267.61 -382.12	914.16 914.16 914.16	5368.65 -2.069e+05 4939.37 -1.842e+05 4520.87 -1.616e+05	3.146e+04 -1.003e+04 -1.945e+04
219	37	4.815e+04 -4.310e+04 -1.533e+04 -4.334e+04	-0.01 -6.20e-04	-0.60	0.0 25.0 50.0	962.92 962.92 962.92	-2258.82 -1014.18 233.11	-13.70 -13.70 -13.70	-1.051e+04 -4.310e+04 -1.027e+04 -4.322e+04 -1.006e+04 -4.334e+04	4.815e+04 5559.71 -1.533e+04
219	46	3.022e+04 -1.549e+05 -2.041e+04 -1.912e+05	0.01 -1.40e-03	-0.46	0.0 25.0 50.0	-362.86 -362.86 -362.86	-2340.78 -1298.06 -344.54	727.82 727.82 727.82	5089.37 -1.912e+05 4859.63 -1.730e+05 4642.85 -1.549e+05	3.022e+04 -9468.20 -2.014e+04
219	63	5.467e+04 -3.220e+04 -1.415e+04 -3.899e+04	-0.02 -7.18e-04	-0.66	0.0 25.0 50.0	1080.57 1080.57 1080.57	-2085.17 -882.99 352.12	139.61 139.61 139.61	-1.474e+04 -3.899e+04 -1.460e+04 -3.560e+04 -1.449e+04 -3.220e+04	5.467e+04 8599.74 -1.415e+04
219	64	2.993e+04 -1.762e+05 -2.097e+04 -2.272e+05	0.02 -1.60e-03	-0.46	0.0 25.0 50.0	-787.60 -787.60 -787.60	-2184.41 -1287.50 -450.82	1039.50 1039.50 1039.50	6768.44 -2.272e+05 6275.56 -2.017e+05 5797.01 -1.762e+05	2.993e+04 1.166e+04 -2.003e+04
219	65	4.968e+04 -2.276e+04 -1.475e+04 -2.879e+04	-0.02 -4.33e-04	-0.63	0.0 25.0 50.0	1178.21 1178.21 1178.21	-2266.96 -994.30 301.81	-139.04 -139.04 -139.04	-1.191e+04 -2.276e+04 -1.161e+04 -2.578e+04 -1.134e+04 -2.879e+04	4.968e+04 7185.97 -1.475e+04
219	68	2.921e+04 -1.776e+05 -2.081e+04 -2.290e+05	0.02 -1.52e-03	-0.47	0.0 25.0 50.0	-779.75 -779.75 -779.75	-2183.70 -1301.87 -465.25	1039.53 1039.53 1039.53	7513.94 -2.290e+05 6995.05 -2.033e+05 6491.59 -1.776e+05	2.921e+04 -1.214e+04 -2.000e+04
219	69	5.041e+04 -2.098e+04 -1.478e+04 -2.736e+04	-0.02 -5.12e-04	-0.62	0.0 25.0 50.0	1170.35 1170.35 1170.35	-2267.67 -979.92 316.24	-139.07 -139.07 -139.07	-1.265e+04 -2.098e+04 -1.233e+04 -2.417e+04 -1.204e+04 -2.736e+04	5.041e+04 7667.03 -1.478e+04
219	70	2.567e+04 -1.713e+05 -2.151e+04 -2.092e+05	0.02 -1.39e-03	-0.43	0.0 25.0 50.0	-697.82 -697.82 -697.82	-2366.91 -1384.43 -486.70	760.82 760.82 760.82	8855.65 -2.092e+05 8541.07 -1.903e+05 8248.59 -1.713e+05	2.567e+04 1.259e+04 -2.066e+04
219	79	3.906e+04 -1.026e+05 -1.675e+04 -1.252e+05	1.44e-03 -1.02e-03	-0.53	0.0 25.0 50.0	185.97 185.97 185.97	-2172.30 -1113.16 -72.22	452.72 452.72 452.72	-2676.49 -1.252e+05 -2752.78 -1.139e+05 -2835.69 -1.026e+05	3.906e+04 -1967.17 -1.675e+04
219	81	4.155e+04 -1.023e+05 -1.889e+04 -1.245e+05	1.49e-03 -1.01e-03	-0.57	0.0 25.0 50.0	217.07 217.07 217.07	-2350.26 -1205.62 -79.83	444.42 444.42 444.42	-2321.67 -1.093e+05 -2469.14 -1.134e+05 -2622.56 -1.023e+05	4.155e+04 -2861.05 -1.889e+04
219	83	4.149e+04 -1.059e+05 -1.636e+04 -1.294e+05	1.56e-03 -1.06e-03	-0.55	0.0 25.0 50.0	206.75 206.75 206.75	-2255.10 -1153.67 -72.01	469.74 469.74 469.74	-2285.01 -1.294e+05 -2376.59 -1.177e+05 -2473.87 -1.059e+05	4.149e+04 -1083.31 -1.636e+04
219	85	4.323e+04 -1.058e+05 -1.786e+04 -1.290e+05	1.60e-03 -1.05e-03	-0.57	0.0 25.0 50.0	228.52 228.52 228.52	-2379.67 -1218.40 -77.34	463.93 463.93 463.93	-2036.63 -1.290e+05 -2178.04 -1.174e+05 -2324.68 -1.058e+05	4.323e+04 -1709.02 -1.786e+04
219	86	3.906e+04 -1.026e+05 -1.675e+04 -1.252e+05	1.44e-03 -1.02e-03	-0.53	0.0 25.0 50.0	185.97 185.97 185.97	-2172.30 -1113.16 -72.22	452.72 452.72 452.72	-2676.49 -1.252e+05 -2752.78 -1.139e+05 -2835.69 -1.026e+05	3.906e+04 -1967.17 -1.675e+04
219	87	4.031e+04 -1.024e+05 -1.782e+04 -1.248e+05	1.46e-03 -1.01e-03	-0.55	0.0 25.0 50.0	201.52 201.52 201.52	-2261.28 -1159.39 -76.03	448.57 448.57 448.57	-2499.08 -1.248e+05 -2610.96 -1.136e+05 -2729.12 -1.024e+05	4.031e+04 -2414.11 -1.782e+04
219	88	3.955e+04 -1.032e+05 -1.667e+04 -1.260e+05	1.46e-03 -1.03e-03	-0.53	0.0 25.0 50.0	190.13 190.13 190.13	-2188.86 -1121.26 -72.18	456.12 456.12 456.12	-2598.20 -1.260e+05 -2677.54 -1.146e+05 -2763.33 -1.032e+05	3.955e+04 -1790.40 -1.667e+04
219	91	3.906e+04 -1.026e+05 -1.675e+04 -1.252e+05	1.44e-03 -1.02e-03	-0.53	0.0 25.0 50.0	185.97 185.97 185.97	-2172.30 -1113.16 -72.22	452.72 452.72 452.72	-2676.49 -1.252e+05 -2752.78 -1.139e+05 -2835.69 -1.026e+05	3.906e+04 -1967.17 -1.675e+04
219	92	3.981e+04 -1.025e+05 -1.739e+04 -1.250e+05	1.45e-03 -1.02e-03	-0.54	0.0 25.0 50.0	195.30 195.30 195.30	-2225.69 -1140.90 -74.51	450.23 450.23 450.23	-2570.05 -1.250e+05 -2667.69 -1.137e+05 -2771.75 -1.025e+05	3.981e+04 -2235.34 -1.739e+04
220	3	2.348e+04 -1.363e+05 -2459.27 -1.606e+05	4.38e-04 -8.49e-04	-0.76	0.0 21.8 43.5	-78.17 -78.17 -78.17	-1785.68 -450.12 880.62	-558.26 -558.26 -558.26	5.036e+04 -1.363e+05 5.089e+04 -1.485e+05 5.151e+04 -1.606e+05	2.348e+04 -825.84 3864.59
220	7	1.803e+04 -1.045e+05 -2046.19 -1.232e+05	3.55e-04 -6.50e-04	-0.59	0.0 21.8 43.5	-51.31 -51.31 -51.31	-1385.43 -346.87 687.80	-430.44 -430.44 -430.44	3.907e+04 -1.045e+05 3.947e+04 -1.139e+05 3.995e+04 -1.232e+05	1.803e+04 -801.61 2913.13
220	9	2.218e+04 -1.439e+05 -2384.15 -1.680e+05	2.64e-04 -9.09e-04	-0.73	0.0 21.8	-163.78 -163.78	-1699.14 -422.27	-554.54 -554.54	5.030e+04 -1.439e+05 5.087e+04 -1.559e+05	2.218e+04 -889.93

220	11	2.224e+04 -1.426e+05	4.25e-04	-0.77	43.5	-163.78	851.68	-554.54	5.152e+04 -1.680e+05	3785.20
		-3396.17 -1.672e+05	-8.97e-04		0.0	-105.50	-1790.94	-566.17	5.269e+04 -1.426e+05	2.224e+04
					21.8	-105.50	-433.07	-566.17	5.326e+04 -1.549e+05	-1936.08
220	15	3.333e+04 -1.128e+05	-4.37e-03	-0.62	43.5	-105.50	920.14	-566.17	5.394e+04 -1.672e+05	3369.20
		9692.17 -1.232e+05	-1.08e-03		0.0	-415.47	-1159.55	-326.52	2.790e+04 -1.128e+05	3.333e+04
					21.8	-415.47	-173.23	-326.52	2.848e+04 -1.180e+05	1.253e+04
220	18	2638.06 -9.910e+04	4.75e-03	-0.49	43.5	-415.47	892.44	-326.52	2.912e+04 -1.232e+05	1.191e+04
		-1.227e+04 -1.251e+05	-2.47e-04		0.0	191.39	-1422.30	-510.96	4.531e+04 -9.910e+04	2638.06
					21.8	191.39	-499.15	-510.96	4.552e+04 -1.121e+05	-1.194e+04
220	36	1.000e+04 -1.635e+05	0.01	-0.49	43.5	191.39	340.46	-510.96	4.580e+04 -1.251e+05	-5216.29
		-7872.68 -2.062e+05	-2.85e-04		0.0	-671.95	-1455.53	-1041.99	4.540e+04 -1.635e+05	1.000e+04
					21.8	-671.95	-337.31	-1041.99	4.515e+04 -1.849e+05	-6079.04
220	37	2.597e+04 -4.210e+04	-0.01	-0.63	43.5	-671.95	539.02	-1041.99	4.499e+04 -2.062e+05	-5555.59
		5718.01 -4.838e+04	-1.04e-03		0.0	447.87	-1126.33	204.51	2.781e+04 -4.838e+04	2.597e+04
					21.8	447.87	-335.07	204.51	2.884e+04 -4.524e+04	6665.19
220	40	1.352e+04 -1.680e+05	0.01	-0.49	43.5	447.87	693.88	204.51	2.993e+04 -4.210e+04	1.225e+04
		-5396.37 -2.047e+05	-4.84e-04		0.0	-713.46	-1400.02	-933.76	4.354e+04 -1.680e+05	1.352e+04
					21.8	-713.46	-332.13	-933.76	4.339e+04 -1.864e+05	-3421.62
220	41	2.245e+04 -4.361e+04	-0.01	-0.62	43.5	-713.46	530.90	-933.76	4.331e+04 -2.047e+05	-3108.18
		3170.62 -4.394e+04	-8.42e-04		0.0	489.38	-1181.84	96.28	2.966e+04 -4.394e+04	2.245e+04
					21.8	489.38	-340.25	96.28	3.061e+04 -4.378e+04	4007.77
220	47	3.748e+04 -1.147e+05	-5.60e-03	-0.64	43.5	489.38	702.00	96.28	3.161e+04 -4.361e+04	9797.68
		1.247e+04 -1.230e+05	-1.19e-03		0.0	-497.41	-1124.05	-301.56	2.554e+04 -1.147e+05	3.748e+04
					21.8	-497.41	-129.18	-301.56	2.618e+04 -1.188e+05	1.584e+04
220	50	-1508.87 -9.726e+04	5.98e-03	-0.47	43.5	-497.41	967.01	-301.56	2.686e+04 -1.230e+05	1.422e+04
		-1.546e+04 -1.254e+05	-1.34e-04		0.0	273.33	-1457.81	-535.92	4.766e+04 -9.726e+04	-1508.87
					21.8	273.33	-543.19	-535.92	4.782e+04 -1.113e+05	-1.525e+05
220	68	7843.25 -1.791e+05	0.02	-0.48	43.5	273.33	265.88	-535.92	4.806e+04 -1.254e+05	-7529.58
		-9791.66 -2.284e+05	-1.83e-04		0.0	-823.26	-1500.03	-1210.41	4.778e+04 -1.791e+05	7843.25
					21.8	-823.26	-337.63	-1210.41	4.736e+04 -2.038e+05	-7800.90
220	69	2.813e+04 -1.992e+04	-0.02	-0.65	43.5	-823.26	518.10	-1210.41	4.703e+04 -2.284e+05	-7960.63
		7502.76 -3.282e+04	-1.14e-03		0.0	599.18	-1081.83	372.93	2.543e+04 -3.282e+04	2.813e+04
					21.8	599.18	-334.75	372.93	2.664e+04 -2.637e+05	8387.04
220	72	1.231e+04 -1.847e+05	0.02	-0.48	43.5	599.18	714.80	372.93	2.789e+04 -1.992e+04	1.465e+04
		-6646.32 -2.265e+05	-4.36e-04		0.0	-875.97	-1429.51	-1072.92	4.542e+04 -1.847e+05	1.231e+04
					21.8	-875.97	-331.04	-1072.92	4.511e+04 -2.056e+05	-4425.47
220	73	2.366e+04 -2.185e+04	-0.02	-0.64	43.5	-875.97	507.77	-1072.92	4.489e+04 -2.265e+05	-4852.06
		4267.11 -2.719e+04	-8.90e-04		0.0	651.88	-1152.35	235.44	2.778e+04 -2.719e+04	2.366e+04
					21.8	651.88	-341.33	235.44	2.888e+04 -2.452e+04	5011.61
220	81	1.803e+04 -1.051e+05	2.98e-04	-0.58	43.5	651.88	725.12	235.44	3.003e+04 -2.185e+04	1.154e+04
		-1665.56 -1.236e+05	-6.55e-04		0.0	-73.19	-1352.13	-426.50	3.819e+04 -1.051e+05	1.803e+04
					21.8	-73.19	-343.39	-426.50	3.859e+04 -1.144e+05	-404.36
220	83	1.716e+04 -1.101e+05	1.82e-04	-0.56	43.5	-73.19	662.08	-426.50	3.907e+04 -1.236e+05	3067.42
		-1615.48 -1.286e+05	-6.95e-04		0.0	-130.26	-1294.44	-424.02	3.815e+04 -1.101e+05	1.716e+04
					21.8	-130.26	-324.82	-424.02	3.858e+04 -1.193e+05	-447.09
220	85	1.720e+04 -1.093e+05	2.89e-04	-0.58	43.5	-130.26	642.79	-424.02	3.908e+04 -1.286e+05	3014.49
		-2290.16 -1.280e+05	-6.87e-04		0.0	-91.41	-1355.64	-431.77	3.974e+04 -1.093e+05	1.720e+04
					21.8	-91.41	-332.02	-431.77	4.018e+04 -1.186e+05	-1144.52
220	87	1.800e+04 -1.057e+05	2.21e-04	-0.56	43.5	-91.41	688.43	-431.77	4.069e+04 -1.280e+05	2737.15
		-1183.64 -1.240e+05	-6.61e-04		0.0	-100.94	-1308.42	-420.96	3.706e+04 -1.057e+05	1.800e+04
					21.8	-100.94	-338.24	-420.96	3.745e+04 -1.149e+05	93.81
220	88	1.780e+04 -1.071e+05	1.52e-04	-0.54	43.5	-100.94	629.49	-420.96	3.792e+04 -1.240e+05	3265.51
		-884.48 -1.252e+05	-6.72e-04		0.0	-129.01	-1270.65	-417.14	3.637e+04 -1.071e+05	1.780e+04
					21.8	-129.01	-331.45	-417.14	3.677e+04 -1.162e+05	384.16
220	91	1.797e+04 -1.063e+05	1.44e-04	-0.54	43.5	-129.01	606.07	-417.14	3.723e+04 -1.252e+05	3373.79
		-701.73 -1.244e+05	-6.67e-04		0.0	-128.69	-1264.70	-415.42	3.592e+04 -1.063e+05	1.797e+04
					21.8	-128.69	-333.10	-415.42	3.631e+04 -1.154e+05	591.97
220	92	1.798e+04 -1.060e+05	1.90e-04	-0.55	43.5	-128.69	596.89	-415.42	3.677e+04 -1.244e+05	3463.61
		-990.88 -1.242e+05	-6.63e-04		0.0	-112.04	-1290.93	-418.74	3.660e+04 -1.060e+05	1.798e+04
					21.8	-112.04	-336.19	-418.74	3.700e+04 -1.151e+05	293.07
221	3	2.348e+04 -1.150e+05	-4.09e-04	-0.76	43.5	-112.04	616.45	-418.74	3.746e+04 -1.242e+05	3344.75
		-2.379e+04 -1.367e+05	-6.11e-04		0.0	-448.52	-269.53	-499.89	4.449e+04 -1.150e+05	-2.324e+04
					21.8	-448.52	1074.73	-499.89	4.485e+04 -1.259e+05	-1.448e+04
221	7	1.803e+04 -8.809e+04	-3.34e-04	-0.59	43.5	-448.52	2414.66	-499.89	4.529e+04 -1.367e+05	2.348e+04
		-1.881e+04 -1.048e+05	-4.67e-04		0.0	-336.71	-207.80	-384.69	3.450e+04 -8.809e+04	-1.839e+04
					21.8	-336.71	837.86	-384.69	3.478e+04 -9.645e+04	-1.153e+04
221	9	2.217e+04 -1.222e+05	-2.37e-04	-0.73	43.5	-336.71	1879.98	-384.69	3.512e+04 -1.048e+05	1.803e+04
		-2.256e+04 -1.441e+05	-6.57e-04		0.0	-539.38	-266.36	-505.29	4.449e+04 -1.222e+05	-2.198e+04
					21.8	-539.38	1015.47	-505.29	4.489e+04 -1.332e+05	-1.383e+04
221	11	2.224e+04 -1.207e+05	-4.11e-04	-0.77	43.5	-539.38	2294.84	-505.29	4.536e+04 -1.441e+05	2.217e+04
		-2.594e+04 -1.429e+05	-6.47e-04		0.0	-486.88	-270.66	-510.97	4.658e+04 -1.207e+05	-2.540e+04
					21.8	-486.88	1095.86	-510.97	4.698e+04 -1.318e+05	-1.642e+04
221	15	3.333e+04 -1.018e+05	-3.92e-03	-0.61	43.5	-486.88	2458.04	-510.97	4.746e+04 -1.429e+05	2.224e+04
		2370.47 -1.130e+05	-8.77e-04		0.0	-710.88	-173.27	-296.28	2.519e+04 -1.018e+05	3007.18
					21.8	-710.88	891.13	-296.28	2.568e+04 -1.074e+05	8030.92
221	18	2637.48 -7.755e+04	4.23e-03	-0.49	43.5	-710.88	1965.15	-296.28	2.622e+04 -1.130e+05	3.333e+04
					0.0	-72.37	-233.56	-462.05	3.950e+04 -7.755e+04	-3.267e+04

		-3.298e+04 -9.932e+04	-7.91e-05		21.8	-72.37	618.20	-462.05	3.956e+04 -8.844e+04 -2.570e+04
					43.5	-72.37	1457.11	-462.05	3.969e+04 -9.932e+04 2637.48
221	40	1.352e+04 -1.375e+05	0.01	-0.50	0.0	-1115.96	-206.27	-799.47	3.951e+04 -1.375e+05 -1.386e+04
		-1.438e+04 -1.684e+05	-2.56e-04		21.8	-1115.96	658.23	-799.47	3.921e+04 -1.529e+05 -8982.19
					43.5	-1115.96	1507.34	-799.47	3.898e+04 -1.684e+05 1.352e+04
221	41	2.245e+04 -4.191e+04	-0.01	-0.62	0.0	332.71	-200.57	41.14	2.518e+04 -4.191e+04 -1.580e+04
		-1.620e+04 -4.393e+04	-7.00e-04		21.8	332.71	851.10	41.14	2.603e+04 -4.292e+04 -8686.84
					43.5	332.71	1914.92	41.14	2.693e+04 -4.393e+04 2.245e+04
221	44	1.254e+04 -1.362e+05	0.01	-0.51	0.0	-1118.11	-208.06	-808.13	3.988e+04 -1.362e+05 -1.452e+04
		-1.503e+04 -1.683e+05	-1.86e-04		21.8	-1118.11	664.87	-808.13	3.955e+04 -1.522e+05 -9698.20
					43.5	-1118.11	1522.75	-808.13	3.928e+04 -1.683e+05 1.254e+04
221	45	2.343e+04 -4.321e+04	-0.01	-0.61	0.0	334.86	-198.77	49.80	2.481e+04 -4.321e+04 -1.514e+04
		-1.554e+04 -4.403e+04	-7.70e-04		21.8	334.86	844.46	49.80	2.569e+04 -4.362e+04 -7970.83
					43.5	334.86	1899.51	49.80	2.662e+04 -4.403e+04 2.343e+04
221	47	3.748e+04 -1.051e+05	-5.02e-03	-0.63	0.0	-797.09	-165.13	-273.82	2.326e+04 -1.051e+05 7827.74
		7141.75 -1.149e+05	-9.84e-04		21.8	-797.09	928.00	-273.82	2.381e+04 -1.100e+05 1.259e+04
					43.5	-797.09	2033.79	-273.82	2.440e+04 -1.149e+05 3.748e+04
221	50	-1509.37 -7.428e+04	5.33e-03	-0.48	0.0	13.85	-241.70	-484.51	4.143e+04 -7.428e+04 -3.749e+04
		-3.777e+04 -9.747e+04	3.61e-05		21.8	13.85	581.33	-484.51	4.143e+04 -8.588e+04 -3.026e+04
					43.5	13.85	1388.47	-484.51	4.151e+04 -9.747e+04 -1509.37
221	72	1.231e+04 -1.504e+05	0.01	-0.50	0.0	-1311.67	-207.04	-913.04	4.144e+04 -1.504e+05 -1.360e+04
		-1.413e+04 -1.852e+05	-1.96e-04		21.8	-1311.67	632.17	-913.04	4.099e+04 -1.678e+05 -9022.13
					43.5	-1311.67	1452.27	-913.04	4.060e+04 -1.852e+05 1.231e+04
221	73	2.366e+04 -2.711e+04	-0.02	-0.63	0.0	528.43	-199.80	154.71	2.325e+04 -2.900e+04 -1.607e+04
		-1.645e+04 -2.900e+04	-7.60e-04		21.8	528.43	877.16	154.71	2.425e+04 -2.805e+04 -8646.90
					43.5	528.43	1969.99	154.71	2.530e+04 -2.711e+04 2.366e+04
221	76	1.107e+04 -1.487e+05	0.01	-0.50	0.0	-1314.42	-209.31	-924.04	4.192e+04 -1.487e+05 -1.444e+04
		-1.496e+04 -1.851e+05	-1.07e-04		21.8	-1314.42	640.60	-924.04	4.142e+04 -1.669e+05 -9931.51
					43.5	-1314.42	1471.84	-924.04	4.099e+04 -1.851e+05 1.107e+04
221	77	2.490e+04 -2.724e+04	-0.02	-0.63	0.0	531.18	-197.52	165.72	2.277e+04 -3.065e+04 -1.523e+04
		-1.561e+04 -3.065e+04	-8.48e-04		21.8	531.18	868.73	165.72	2.382e+04 -2.894e+04 -7737.52
					43.5	531.18	1950.42	165.72	2.491e+04 -2.724e+04 2.490e+04
221	81	1.803e+04 -8.871e+04	-2.72e-04	-0.57	0.0	-356.62	-206.29	-382.96	3.374e+04 -8.871e+04 -1.711e+04
		-1.754e+04 -1.054e+05	-4.71e-04		21.8	-356.62	808.26	-382.96	3.401e+04 -9.704e+04 -1.056e+04
					43.5	-356.62	1819.93	-382.96	3.435e+04 -1.054e+05 1.803e+04
221	83	1.716e+04 -9.350e+04	-1.58e-04	-0.56	0.0	-417.19	-204.17	-386.55	3.374e+04 -9.350e+04 -1.627e+04
		-1.672e+04 -1.103e+05	-5.02e-04		21.8	-417.19	768.75	-386.55	3.404e+04 -1.019e+05 -1.013e+04
					43.5	-417.19	1740.05	-386.55	3.440e+04 -1.103e+05 1.716e+04
221	85	1.720e+04 -9.253e+04	-2.74e-04	-0.58	0.0	-382.19	-207.04	-390.34	3.513e+04 -9.253e+04 -1.855e+04
		-1.897e+04 -1.095e+05	-4.96e-04		21.8	-382.19	822.35	-390.34	3.544e+04 -1.010e+05 -1.185e+04
					43.5	-382.19	1848.85	-390.34	3.580e+04 -1.095e+05 1.720e+04
221	87	1.800e+04 -8.941e+04	-1.89e-04	-0.56	0.0	-381.62	-204.24	-380.25	3.274e+04 -8.941e+04 -1.548e+04
		-1.593e+04 -1.059e+05	-4.76e-04		21.8	-381.62	769.98	-380.25	3.302e+04 -9.768e+04 -9327.09
					43.5	-381.62	1742.22	-380.25	3.335e+04 -1.059e+05 1.800e+04
221	88	1.780e+04 -9.078e+04	-1.16e-04	-0.54	0.0	-408.74	-202.58	-379.34	3.215e+04 -9.078e+04 -1.434e+04
		-1.480e+04 -1.073e+05	-4.85e-04		21.8	-408.74	739.11	-379.34	3.243e+04 -9.903e+04 -8502.05
					43.5	-408.74	1679.61	-379.34	3.276e+04 -1.073e+05 1.780e+04
221	91	1.796e+04 -9.010e+04	-1.06e-04	-0.54	0.0	-406.62	-202.19	-377.54	3.175e+04 -9.010e+04 -1.386e+04
		-1.432e+04 -1.065e+05	-4.81e-04		21.8	-406.62	731.70	-377.54	3.202e+04 -9.831e+04 -8095.65
					43.5	-406.62	1664.50	-377.54	3.235e+04 -1.065e+05 1.796e+04
221	92	1.798e+04 -8.968e+04	-1.56e-04	-0.55	0.0	-391.62	-203.42	-379.16	3.235e+04 -8.968e+04 -1.483e+04
		-1.529e+04 -1.062e+05	-4.78e-04		21.8	-391.62	754.66	-379.16	3.262e+04 -9.793e+04 -8834.52
					43.5	-391.62	1711.13	-379.16	3.295e+04 -1.062e+05 1.798e+04
222	4	-2.505e+04 -9.062e+04	1.41e-03	-0.78	0.0	-1324.54	-592.29	-462.95	4.140e+04 -9.062e+04 -1.000e+05
		-1.027e+05 -1.177e+05	-5.26e-04		29.2	-1324.54	1285.29	-462.95	4.164e+04 -1.042e+05 -8.984e+04
					58.5	-1324.54	3142.66	-462.95	4.203e+04 -1.177e+05 -2.505e+04
222	5	-1.351e+04 -7.002e+04	6.12e-04	-0.53	0.0	-1029.57	-349.97	-345.64	2.831e+04 -7.002e+04 -6.637e+04
		-6.778e+04 -9.024e+04	-4.03e-04		29.2	-1029.57	905.01	-345.64	2.849e+04 -8.013e+04 -5.822e+04
					58.5	-1029.57	2151.36	-345.64	2.877e+04 -9.024e+04 -1.351e+04
222	7	-1.839e+04 -6.772e+04	1.06e-03	-0.59	0.0	-1000.57	-439.81	-350.50	3.106e+04 -6.772e+04 -7.611e+04
		-7.801e+04 -8.823e+04	-3.90e-04		29.2	-1000.57	989.12	-350.50	3.124e+04 -7.797e+04 -6.803e+04
					58.5	-1000.57	2402.94	-350.50	3.152e+04 -8.823e+04 -1.839e+04
222	9	-2.198e+04 -9.505e+04	1.05e-03	-0.73	0.0	-1371.11	-535.69	-465.20	3.998e+04 -9.505e+04 -9.259e+04
		-9.490e+04 -1.223e+05	-5.54e-04		29.2	-1371.11	1209.44	-465.20	4.026e+04 -1.087e+05 -8.268e+04
					58.5	-1371.11	2939.57	-465.20	4.067e+04 -1.223e+05 -2.198e+04
222	15	3007.68 -9.817e+04	-3.90e-03	-0.61	0.0	-1304.61	-55.13	-278.69	2.279e+04 -9.817e+04 -6.080e+04
		-6.102e+04 -1.020e+05	-2.78e-03		29.2	-1304.61	1209.14	-278.69	2.329e+04 -1.001e+05 -4.732e+04
					58.5	-1304.61	2475.19	-278.69	2.387e+04 -1.020e+05 3007.68
222	38	-2.439e+04 -4.255e+04	0.01	-0.50	0.0	-1593.56	-561.82	-703.26	3.903e+04 -4.255e+04 -8.237e+04
		-8.352e+04 -1.188e+05	2.32e-04		29.2	-1593.56	622.86	-703.26	3.834e+04 -8.069e+04 -7.067e+04
					58.5	-1593.56	1770.22	-703.26	3.778e+04 -1.188e+05 -2.439e+04
222	40	-1.386e+04 -1.034e+05	0.01	-0.52	0.0	-1930.19	-371.61	-698.02	3.683e+04 -1.034e+05 -7.759e+04
		-7.812e+04 -1.377e+05	-6.27e-04		29.2	-1930.19	777.05	-698.02	3.621e+04 -1.205e+05 -6.378e+04
					58.5	-1930.19	1892.79	-698.02	3.571e+04 -1.377e+05 -1.386e+04
222	41	-1.580e+04 -3.549e+04	-0.01	-0.61	0.0	-115.23	-376.67	3.35	2.132e+04 -3.549e+04 -6.057e+04
		-6.374e+04 -4.189e+04	-1.74e-04		29.2	-115.23	1080.88	3.35	2.230e+04 -3.869e+04 -5.807e+04
					58.5	-115.23	2550.42	3.35	2.336e+04 -4.189e+04 -1.580e+04

222	44 -1.452e+04 -1.009e+05	0.01	-0.53	0.0	-1940.37	-384.69	-708.73	3.710e+04 -1.009e+05 -7.696e+04
	-7.753e+04 -1.363e+05	6.04e-05		29.2	-1940.37	754.06	-708.73	3.643e+04 -1.186e+05 -6.363e+04
				58.5	-1940.37	1864.97	-708.73	3.588e+04 -1.363e+05 -1.452e+04
222	45 -1.514e+04 -3.798e+04	-0.01	-0.61	0.0	-105.04	-363.59	14.07	2.105e+04 -3.798e+04 -6.119e+04
	-6.423e+04 -4.322e+04	-8.26e-04		29.2	-105.04	1103.86	14.07	2.209e+04 -4.060e+04 -5.822e+04
				58.5	-105.04	2578.24	14.07	2.319e+04 -4.322e+04 -1.514e+04
222	47 7828.28 -1.053e+05	-4.75e-03	-0.62	0.0	-1380.72	31.08	-260.07	2.109e+04 -1.059e+05 -5.856e+04
	-5.856e+04 -1.059e+05	-3.42e-03		29.2	-1380.72	1284.85	-260.07	2.168e+04 -1.056e+05 -4.365e+04
				58.5	-1380.72	2543.72	-260.07	2.234e+04 -1.053e+05 7828.28
222	70 -2.698e+04 -3.528e+04	0.02	-0.49	0.0	-1747.82	-612.54	-799.46	4.172e+04 -3.528e+04 -8.596e+04
	-8.700e+04 -1.267e+05	4.03e-04		29.2	-1747.82	540.15	-799.46	4.080e+04 -8.098e+04 -7.330e+04
				58.5	-1747.82	1648.24	-799.46	4.001e+04 -1.267e+05 -2.698e+04
222	72 -1.360e+04 -1.126e+05	0.01	-0.52	0.0	-2175.39	-370.92	-792.77	3.893e+04 -1.126e+05 -7.989e+04
	-8.027e+04 -1.506e+05	-6.88e-04		29.2	-2175.39	735.99	-792.77	3.809e+04 -1.316e+05 -6.455e+04
				58.5	-2175.39	1803.92	-792.77	3.738e+04 -1.506e+05 -1.360e+04
222	73 -1.607e+04 -2.632e+04	-0.01	-0.63	0.0	129.98	-377.35	98.10	1.922e+04 -2.632e+04 -6.523e+04
	-6.207e+04 -2.895e+04	-1.12e-04		29.2	129.98	1121.93	98.10	2.042e+04 -2.763e+04 -5.730e+04
				58.5	129.98	2639.29	98.10	2.169e+04 -2.895e+04 -1.607e+04
222	76 -1.444e+04 -1.094e+05	0.01	-0.52	0.0	-2188.35	-387.53	-806.39	3.926e+04 -1.094e+05 -7.909e+04
	-7.953e+04 -1.489e+05	1.46e-04		29.2	-2188.35	706.80	-806.39	3.836e+04 -1.292e+05 -6.438e+04
				58.5	-2188.35	1768.58	-806.39	3.760e+04 -1.489e+05 -1.444e+04
222	77 -1.523e+04 -2.948e+04	-0.01	-0.62	0.0	142.94	-360.74	111.72	1.888e+04 -2.948e+04 -5.906e+04
	-6.262e+04 -3.064e+04	-9.41e-04		29.2	142.94	1151.13	111.72	2.015e+04 -3.006e+04 -5.749e+04
				58.5	142.94	2674.63	111.72	2.147e+04 -3.064e+04 -1.523e+04
222	79 -1.386e+04 -6.992e+04	6.48e-04	-0.54	0.0	-1028.51	-356.17	-346.36	2.852e+04 -6.992e+04 -6.713e+04
	-6.857e+04 -9.018e+04	-4.03e-04		29.2	-1028.51	912.14	-346.36	2.871e+04 -8.005e+04 -5.896e+04
				58.5	-1028.51	2171.29	-346.36	2.899e+04 -9.018e+04 -1.386e+04
222	81 -1.711e+04 -6.838e+04	9.45e-04	-0.58	0.0	-1009.17	-416.06	-349.60	3.036e+04 -6.838e+04 -7.362e+04
	-7.539e+04 -8.884e+04	-3.94e-04		29.2	-1009.17	968.22	-349.60	3.054e+04 -7.861e+04 -6.550e+04
				58.5	-1009.17	2339.01	-349.60	3.082e+04 -8.884e+04 -1.711e+04
222	82 -1.832e+04 -6.980e+04	1.00e-03	-0.59	0.0	-1020.87	-438.22	-354.34	3.126e+04 -6.980e+04 -7.514e+04
	-7.705e+04 -9.053e+04	-4.04e-04		29.2	-1020.87	973.72	-354.34	3.145e+04 -8.017e+04 -6.726e+04
				58.5	-1020.87	2371.33	-354.34	3.174e+04 -9.053e+04 -1.832e+04
222	83 -1.627e+04 -7.276e+04	7.65e-04	-0.56	0.0	-1051.92	-400.49	-355.84	3.031e+04 -7.276e+04 -7.017e+04
	-7.188e+04 -9.357e+04	-4.23e-04		29.2	-1051.92	923.16	-355.84	3.052e+04 -8.317e+04 -6.249e+04
				58.5	-1051.92	2235.94	-355.84	3.084e+04 -9.357e+04 -1.627e+04
222	86 -1.386e+04 -6.992e+04	6.48e-04	-0.54	0.0	-1028.51	-356.17	-346.36	2.852e+04 -6.992e+04 -6.713e+04
	-6.857e+04 -9.018e+04	-4.03e-04		29.2	-1028.51	912.14	-346.36	2.871e+04 -8.005e+04 -5.896e+04
				58.5	-1028.51	2171.29	-346.36	2.899e+04 -9.018e+04 -1.386e+04
222	87 -1.548e+04 -6.915e+04	7.97e-04	-0.56	0.0	-1018.84	-386.12	-347.98	2.944e+04 -6.915e+04 -7.037e+04
	-7.198e+04 -8.951e+04	-3.99e-04		29.2	-1018.84	940.18	-347.98	2.962e+04 -7.933e+04 -6.223e+04
				58.5	-1018.84	2255.15	-347.98	2.990e+04 -8.951e+04 -1.548e+04
222	88 -1.434e+04 -7.049e+04	6.72e-04	-0.54	0.0	-1033.19	-365.03	-348.26	2.888e+04 -7.049e+04 -6.774e+04
	-6.923e+04 -9.086e+04	-4.07e-04		29.2	-1033.19	914.34	-348.26	2.907e+04 -8.067e+04 -5.967e+04
				58.5	-1033.19	2184.22	-348.26	2.936e+04 -9.086e+04 -1.434e+04
222	91 -1.386e+04 -6.992e+04	6.48e-04	-0.54	0.0	-1028.51	-356.17	-346.36	2.852e+04 -6.992e+04 -6.713e+04
	-6.857e+04 -9.018e+04	-4.03e-04		29.2	-1028.51	912.14	-346.36	2.871e+04 -8.005e+04 -5.896e+04
				58.5	-1028.51	2171.29	-346.36	2.899e+04 -9.018e+04 -1.386e+04
222	92 -1.483e+04 -6.946e+04	7.38e-04	-0.55	0.0	-1022.71	-374.14	-347.33	2.907e+04 -6.946e+04 -6.908e+04
	-7.061e+04 -8.978e+04	-4.00e-04		29.2	-1022.71	928.96	-347.33	2.926e+04 -7.962e+04 -6.093e+04
				58.5	-1022.71	2221.60	-347.33	2.954e+04 -8.978e+04 -1.483e+04
223	4 -2.990e+04 -6.615e+04	3.27e-03	-0.81	0.0	-1472.66	-3150.98	-411.74	3.872e+04 -6.615e+04 -2.990e+04
	-1.040e+05 -9.023e+04	-2.39e-04		29.2	-1472.66	-1191.03	-411.74	3.871e+04 -7.819e+04 -9.327e+04
				58.5	-1472.66	720.66	-411.74	3.883e+04 -9.023e+04 -1.000e+05
223	7 -2.346e+04 -4.926e+04	2.47e-03	-0.62	0.0	-1120.93	-2384.98	-310.85	2.908e+04 -4.926e+04 -2.346e+04
	-7.929e+04 -6.744e+04	-1.76e-04		29.2	-1120.93	-893.94	-310.85	2.906e+04 -5.835e+04 -7.131e+04
				58.5	-1120.93	560.65	-310.85	2.914e+04 -6.744e+04 -7.611e+04
223	9 -2.997e+04 -7.027e+04	2.78e-03	-0.76	0.0	-1542.36	-2877.53	-416.51	3.724e+04 -7.027e+04 -2.997e+04
	-9.675e+04 -9.463e+04	-2.53e-04		29.2	-1542.36	-1063.56	-416.51	3.727e+04 -8.245e+04 -8.749e+04
				58.5	-1542.36	709.40	-416.51	3.742e+04 -9.463e+04 -9.259e+04
223	14 -2.208e+04 -5.337e+04	2.54e-03	-0.63	0.0	-1146.50	-2469.15	-324.48	3.074e+04 -5.337e+04 -2.208e+04
	-8.065e+04 -7.235e+04	-1.95e-04		29.2	-1146.50	-945.35	-324.48	3.076e+04 -6.286e+04 -7.191e+04
				58.5	-1146.50	540.93	-324.48	3.087e+04 -7.235e+04 -7.775e+04
223	31 -3705.65 -8.272e+04	-0.01	-0.65	0.0	-347.32	-1912.92	-11.86	1.645e+04 -8.272e+04 -3705.65
	-5.828e+04 -9.876e+04	-7.20e-04		29.2	-347.32	-571.50	-11.86	1.743e+04 -9.074e+04 -4.928e+04
				58.5	-347.32	863.93	-11.86	1.846e+04 -9.876e+04 -5.641e+04
223	34 -4.460e+04 -1.941e+04	0.01	-0.53	0.0	-1995.26	-2318.85	-607.02	3.779e+04 -1.941e+04 -4.460e+04
	-8.713e+04 -3.959e+04	3.58e-04		29.2	-1995.26	-954.33	-607.02	3.681e+04 -2.950e+04 -8.307e+04
				58.5	-1995.26	256.41	-607.02	3.596e+04 -3.959e+04 -8.174e+04
223	36 -3.803e+04 -2.849e+04	0.01	-0.55	0.0	-2241.11	-2088.08	-640.23	3.615e+04 -2.849e+04 -3.803e+04
	-8.529e+04 -5.019e+04	4.36e-04		29.2	-2241.11	-782.87	-640.23	3.518e+04 -3.934e+04 -8.162e+04
				58.5	-2241.11	368.01	-640.23	3.432e+04 -5.019e+04 -7.817e+04
223	37 -1.027e+04 -7.365e+04	-0.01	-0.62	0.0	-101.46	-2143.69	21.35	1.808e+04 -7.365e+04 -1.027e+04
	-6.096e+04 -8.815e+04	-7.97e-04		29.2	-101.46	-742.96	21.35	1.906e+04 -8.090e+04 -5.073e+04
				58.5	-101.46	752.33	21.35	2.010e+04 -8.815e+04 -5.999e+04
223	38 -4.319e+04 -2.271e+04	0.01	-0.53	0.0	-1974.10	-2314.17	-598.18	3.757e+04 -2.271e+04 -4.319e+04
	-8.784e+04 -4.208e+04	4.24e-04		29.2	-1974.10	-942.24	-598.18	3.664e+04 -3.239e+04 -8.241e+04

223	40	-3.303e+04 -3.477e+04 -8.391e+04 -1.034e+05	0.01 3.12e-04	-0.55	58.5	-1974.10	277.16	-598.18	3.583e+04	-4.208e+04	-8.237e+04
					0.0	-2214.75	-2110.52	-607.90	3.581e+04	-3.477e+04	-3.303e+04
					29.2	-2214.75	-743.29	-607.90	3.497e+04	-6.908e+04	-7.833e+04
223	63	1819.61 -9.128e+04 -5.447e+04 -1.068e+05	-0.01 -8.65e-04	-0.67	58.5	-2214.75	442.71	-607.90	3.424e+04	-1.034e+05	-7.759e+04
					0.0	-124.63	-1858.07	68.58	1.357e+04	-9.128e+04	1819.61
					29.2	-124.63	-519.78	68.58	1.481e+04	-9.901e+04	-4.471e+04
223	66	-5.012e+04 -1.086e+04 -9.109e+04 -3.159e+04	0.01 5.04e-04	-0.52	58.5	-124.63	946.02	68.58	1.609e+04	-1.068e+05	-5.298e+04
					0.0	-2217.94	-2373.70	-687.46	4.067e+04	-1.086e+04	-5.012e+04
					29.2	-2217.94	-1006.05	-687.46	3.943e+04	-2.123e+04	-8.763e+04
223	68	-4.178e+04 -2.238e+04 -8.894e+04 -4.506e+04	0.01 6.02e-04	-0.55	58.5	-2217.94	174.32	-687.46	3.833e+04	-3.159e+04	-8.517e+04
					0.0	-2530.21	-2080.56	-729.61	3.860e+04	-2.238e+04	-4.178e+04
					29.2	-2530.21	-788.26	-729.61	3.735e+04	-3.372e+04	-8.579e+04
223	69	-6521.70 -7.975e+04 -5.803e+04 -9.328e+04	-0.01 -9.64e-04	-0.64	58.5	-2530.21	316.08	-729.61	3.624e+04	-4.506e+04	-8.062e+04
					0.0	187.64	-2151.21	110.74	1.564e+04	-7.975e+04	-6521.70
					29.2	187.64	-737.57	110.74	1.688e+04	-8.652e+04	-4.655e+04
223	70	-4.833e+04 -1.505e+04 -9.199e+04 -3.476e+04	0.01 5.88e-04	-0.52	58.5	187.64	804.26	110.74	1.818e+04	-9.328e+04	-5.753e+04
					0.0	-2191.04	-2367.76	-676.21	4.039e+04	-1.505e+04	-4.833e+04
					29.2	-2191.04	-990.70	-676.21	3.921e+04	-2.490e+04	-8.680e+04
223	72	-3.543e+04 -3.036e+04 -8.700e+04 -1.126e+05	0.01 4.45e-04	-0.55	58.5	-2191.04	200.68	-676.21	3.817e+04	-3.476e+04	-8.596e+04
					0.0	-2496.69	-2109.08	-688.54	3.817e+04	-3.036e+04	-8.543e+04
					29.2	-2496.69	-737.99	-688.54	3.709e+04	-7.150e+04	-8.162e+04
223	81	-2.374e+04 -4.993e+04 -7.690e+04 -6.810e+04	2.31e-03 -1.78e-04	-0.60	58.5	-2496.69	410.96	-688.54	3.614e+04	-1.126e+05	-7.989e+04
					0.0	-1140.04	-2289.12	-310.56	2.839e+04	-4.993e+04	-2.374e+04
					29.2	-1140.04	-847.01	-310.56	2.838e+04	-5.902e+04	-6.951e+04
223	82	-2.319e+04 -5.106e+04 -7.829e+04 -6.951e+04	2.40e-03 -1.84e-04	-0.61	58.5	-1140.04	560.94	-310.56	2.846e+04	-6.810e+04	-7.362e+04
					0.0	-1141.87	-2354.29	-315.35	2.921e+04	-5.106e+04	-2.319e+04
					29.2	-1141.87	-882.17	-315.35	2.921e+04	-6.028e+04	-7.042e+04
223	83	-2.324e+04 -5.381e+04 -7.343e+04 -7.244e+04	2.07e-03 -1.93e-04	-0.58	58.5	-1141.87	554.53	-315.35	2.930e+04	-6.951e+04	-7.514e+04
					0.0	-1188.33	-2171.99	-318.52	2.823e+04	-5.381e+04	-2.324e+04
					29.2	-1188.33	-797.19	-318.52	2.825e+04	-6.312e+04	-6.657e+04
223	85	-2.282e+04 -5.267e+04 -7.781e+04 -7.137e+04	2.36e-03 -1.90e-04	-0.61	58.5	-1188.33	547.03	-318.52	2.836e+04	-7.244e+04	-7.017e+04
					0.0	-1157.09	-2345.22	-319.65	2.950e+04	-5.267e+04	-2.282e+04
					29.2	-1157.09	-881.29	-319.65	2.951e+04	-6.202e+04	-6.991e+04
223	87	-2.403e+04 -5.074e+04 -7.377e+04 -6.887e+04	2.11e-03 -1.80e-04	-0.58	58.5	-1157.09	547.79	-319.65	2.961e+04	-7.137e+04	-7.472e+04
					0.0	-1162.36	-2165.38	-309.76	2.748e+04	-5.074e+04	-2.403e+04
					29.2	-1162.36	-786.94	-309.76	2.748e+04	-5.980e+04	-6.712e+04
223	88	-2.411e+04 -5.201e+04 -7.120e+04 -7.019e+04	1.94e-03 -1.84e-04	-0.56	58.5	-1162.36	560.39	-309.76	2.756e+04	-5.152e+04	-2.393e+04
					0.0	-1185.41	-2067.71	-310.87	2.690e+04	-5.201e+04	-2.411e+04
					29.2	-1185.41	-740.94	-310.87	2.691e+04	-6.110e+04	-6.511e+04
223	90	-2.393e+04 -5.152e+04 -7.307e+04 -6.973e+04	2.06e-03 -1.83e-04	-0.57	58.5	-1185.41	557.28	-310.87	2.701e+04	-7.019e+04	-6.774e+04
					0.0	-1172.02	-2141.96	-311.35	2.745e+04	-5.152e+04	-2.393e+04
					29.2	-1172.02	-776.98	-311.35	2.745e+04	-6.063e+04	-6.654e+04
223	91	-2.433e+04 -5.155e+04 -7.064e+04 -6.963e+04	1.90e-03 -1.82e-04	-0.56	58.5	-1172.02	557.61	-311.35	2.755e+04	-6.973e+04	-6.968e+04
					0.0	-1184.68	-2041.64	-308.96	2.657e+04	-5.155e+04	-2.433e+04
					29.2	-1184.68	-726.87	-308.96	2.658e+04	-6.059e+04	-6.474e+04
223	92	-2.415e+04 -5.107e+04 -7.252e+04 -6.917e+04	2.03e-03 -1.81e-04	-0.57	58.5	-1184.68	559.84	-308.96	2.667e+04	-6.963e+04	-6.713e+04
					0.0	-1171.29	-2115.88	-309.44	2.712e+04	-5.107e+04	-2.415e+04
					29.2	-1171.29	-762.92	-309.44	2.712e+04	-6.012e+04	-6.617e+04
224	1	3.565e+04 -4.654e+04 -3.337e+04 -6.608e+04	3.22e-03 -2.86e-05	-0.76	58.5	-1171.29	560.17	-309.44	2.721e+04	-6.917e+04	-6.908e+04
					0.0	-900.85	-2925.16	-353.62	3.150e+04	-4.654e+04	-3.565e+04
					27.6	-900.85	-1209.88	-353.62	3.132e+04	-5.631e+04	-2.136e+04
224	4	4.865e+04 -4.535e+04 -3.167e+04 -6.530e+04	3.95e-03 -3.31e-05	-0.86	55.2	-900.85	460.56	-353.62	3.122e+04	-6.608e+04	-3.161e+04
					0.0	-685.48	-3371.40	-361.02	3.537e+04	-4.535e+04	-4.865e+04
					27.6	-685.48	-1412.46	-361.02	3.514e+04	-5.533e+04	-1.730e+04
224	7	3.623e+04 -3.362e+04 -2.481e+04 -4.863e+04	3.00e-03 -2.27e-05	-0.65	55.2	-685.48	491.55	-361.02	3.502e+04	-6.530e+04	-2.990e+04
					0.0	-528.37	-2563.44	-271.73	2.660e+04	-3.362e+04	3.623e+04
					27.6	-528.37	-1073.40	-271.73	2.642e+04	-4.112e+04	-1.390e+04
224	8	3.913e+04 -3.488e+04 -2.400e+04 -5.029e+04	3.12e-03 -2.57e-05	-0.67	55.2	-528.37	374.92	-271.73	2.632e+04	-4.863e+04	-2.346e+04
					0.0	-498.36	-2646.70	-278.84	2.771e+04	-3.488e+04	3.913e+04
					27.6	-498.36	-1110.71	-278.84	2.753e+04	-4.258e+04	-1.267e+04
224	9	4.144e+04 -4.907e+04 -3.174e+04 -6.939e+04	3.46e-03 -3.46e-05	-0.80	55.2	-498.36	381.94	-278.84	2.744e+04	-5.029e+04	-2.263e+04
					0.0	-840.83	-3091.68	-367.83	3.372e+04	-4.907e+04	4.144e+04
					27.6	-840.83	-1284.48	-367.83	3.354e+04	-5.923e+04	-1.889e+04
224	15	4.678e+04 -6.368e+04 -7563.61 -7.844e+04	-4.91e-03 2.26e-05	-0.65	55.2	-840.83	474.59	-367.83	3.345e+04	-6.939e+04	-2.997e+04
					0.0	-688.14	-2130.95	-245.83	1.897e+04	-6.368e+04	4.678e+04
					27.6	-688.14	-897.06	-245.83	1.919e+04	-7.106e+04	1480.09
224	31	4.443e+04 -7.305e+04 -5098.00 -8.179e+04	-0.01 -4.88e-04	-0.67	55.2	-688.14	423.27	-245.83	1.946e+04	-7.844e+04	-5914.54
					0.0	244.87	-2053.73	-55.96	1.362e+04	-7.305e+04	4.443e+04
					27.6	244.87	-848.20	-55.96	1.445e+04	-7.742e+04	3280.48
224	34	1.333e+04 2202.11 -4.591e+04 -1.910e+04	0.01 4.44e-04	-0.56	55.2	244.87	406.24	-55.96	1.531e+04	-8.179e+04	-3705.68
					0.0	-1574.71	-2548.52	-487.69	3.561e+04	2202.11	1.333e+04
					27.6	-1574.71	-1059.65	-487.69	3.448e+04	-8449.33	-3.527e+04
224	36	2.102e+04 -5348.19 -3.952e+04 -2.809e+04	0.01 5.08e-04	-0.58	55.2	-1574.71	309.00	-487.69	3.347e+04	-1.910e+04	-4.460e+04
					0.0	-1791.99	-2473.51	-518.29	3.422e+04	-5348.19	2.102e+04
					27.6	-1791.99	-1037.07	-518.29	3.310e+04	-1.672e+04	-2.887e+04

		-1.149e+04	-7.280e+04	-5.52e-04		27.6	462.15	-870.78	-25.36	1.583e+04	-6.915e+04	-3123.06
						55.2	462.15	373.16	-25.36	1.670e+04	-7.280e+04	-1.027e+04
224	47	5.162e+04	-7.131e+04	-5.55e-03	-0.66	0.0	-694.33	-2084.96	-238.75	1.744e+04	-7.131e+04	5.162e+04
		-2716.10	-8.601e+04	2.76e-05		27.6	-694.33	-881.69	-238.75	1.776e+04	-7.866e+04	6202.47
						55.2	-694.33	441.01	-238.75	1.812e+04	-8.601e+04	-986.19
224	63	4.864e+04	-8.322e+04	-0.01	-0.69	0.0	490.75	-1986.87	2.39	1.065e+04	-8.322e+04	4.864e+04
		415.88	-9.026e+04	-6.14e-04		27.6	490.75	-819.63	2.39	1.174e+04	-8.674e+04	8489.43
						55.2	490.75	419.38	2.39	1.286e+04	-9.026e+04	1819.66
224	66	9125.10	1.237e+04	0.01	-0.55	0.0	-1820.59	-2615.38	-546.04	3.858e+04	1.237e+04	9125.10
		-5.142e+04	-1.063e+04	5.70e-04		27.6	-1820.59	-1088.22	-546.04	3.719e+04	869.43	-4.048e+04
						55.2	-1820.59	295.86	-546.04	3.592e+04	-1.063e+04	-5.012e+04
224	68	1.890e+04	2779.13	0.01	-0.58	0.0	-2096.56	-2520.10	-584.89	3.681e+04	2779.13	1.890e+04
		-4.331e+04	-2.205e+04	6.52e-04		27.6	-2096.56	-1059.54	-584.89	3.543e+04	-9636.48	-3.235e+04
						55.2	-2096.56	337.89	-584.89	3.416e+04	-2.205e+04	-4.178e+04
224	69	3.886e+04	-7.363e+04	-0.01	-0.67	0.0	766.72	-2082.15	41.24	1.242e+04	-7.363e+04	3.886e+04
		-7697.96	-7.884e+04	-6.95e-04		27.6	766.72	-848.31	41.24	1.350e+04	-7.623e+04	355.48
						55.2	766.72	377.35	41.24	1.462e+04	-7.884e+04	-6521.67
224	79	2.686e+04	-3.592e+04	2.44e-03	-0.58	0.0	-701.99	-2228.53	-271.77	2.406e+04	-3.592e+04	2.686e+04
		-2.568e+04	-5.093e+04	-2.17e-05		27.6	-701.99	-920.87	-271.77	2.392e+04	-4.342e+04	-1.656e+04
						55.2	-701.99	352.83	-271.77	2.385e+04	-5.093e+04	2.433e+04
224	81	3.360e+04	-3.428e+04	2.85e-03	-0.63	0.0	-578.42	-2470.52	-271.96	2.590e+04	-3.428e+04	3.360e+04
		-2.509e+04	-4.931e+04	-2.27e-05		27.6	-578.42	-1031.05	-271.96	2.573e+04	-4.180e+04	-1.468e+04
						55.2	-578.42	368.81	-271.96	2.564e+04	-4.931e+04	-2.374e+04
224	82	3.553e+04	-3.513e+04	2.92e-03	-0.64	0.0	-558.41	-2526.02	-276.70	2.664e+04	-3.513e+04	3.553e+04
		-2.455e+04	-5.041e+04	-2.47e-05		27.6	-558.41	-1055.92	-276.70	2.647e+04	-4.277e+04	-1.385e+04
						55.2	-558.41	373.49	-276.70	2.638e+04	-5.041e+04	-2.319e+04
224	83	3.072e+04	-3.760e+04	2.60e-03	-0.61	0.0	-661.97	-2339.54	-281.24	2.554e+04	-3.760e+04	3.072e+04
		-2.460e+04	-5.314e+04	-2.57e-05		27.6	-661.97	-970.61	-281.24	2.540e+04	-4.537e+04	-1.491e+04
						55.2	-661.97	362.18	-281.24	2.534e+04	-5.314e+04	-2.324e+04
224	86	2.686e+04	-3.592e+04	2.44e-03	-0.58	0.0	-701.99	-2228.53	-271.77	2.406e+04	-3.592e+04	2.686e+04
		-2.568e+04	-5.093e+04	-2.17e-05		27.6	-701.99	-920.87	-271.77	2.392e+04	-4.342e+04	-1.656e+04
						55.2	-701.99	352.83	-271.77	2.385e+04	-5.093e+04	2.433e+04
224	87	3.023e+04	-3.510e+04	2.64e-03	-0.61	0.0	-640.21	-2349.52	-271.86	2.498e+04	-3.510e+04	3.023e+04
		-2.538e+04	-5.012e+04	-2.22e-05		27.6	-640.21	-975.96	-271.86	2.483e+04	-4.261e+04	-1.562e+04
						55.2	-640.21	360.82	-271.86	2.475e+04	-5.012e+04	-2.403e+04
224	88	2.763e+04	-3.625e+04	2.47e-03	-0.59	0.0	-693.99	-2250.73	-273.66	2.436e+04	-3.625e+04	2.763e+04
		-2.546e+04	-5.137e+04	-2.25e-05		27.6	-693.99	-930.82	-273.66	2.422e+04	-4.381e+04	-1.623e+04
						55.2	-693.99	354.70	-273.66	2.415e+04	-5.137e+04	-2.411e+04
224	91	2.686e+04	-3.592e+04	2.44e-03	-0.58	0.0	-701.99	-2228.53	-271.77	2.406e+04	-3.592e+04	2.686e+04
		-2.568e+04	-5.093e+04	-2.17e-05		27.6	-701.99	-920.87	-271.77	2.392e+04	-4.342e+04	-1.656e+04
						55.2	-701.99	352.83	-271.77	2.385e+04	-5.093e+04	2.433e+04
224	92	2.888e+04	-3.543e+04	2.56e-03	-0.60	0.0	-664.92	-2301.13	-271.83	2.462e+04	-3.543e+04	2.888e+04
		-2.550e+04	-5.044e+04	-2.20e-05		27.6	-664.92	-953.93	-271.83	2.447e+04	-4.293e+04	-1.600e+04
						55.2	-664.92	357.62	-271.83	2.439e+04	-5.044e+04	-2.415e+04
225	1	5.207e+04	-2.919e+04	3.03e-03	-0.80	0.0	-955.23	-2092.01	-303.32	2.791e+04	-2.919e+04	5.207e+04
		1.864e+04	-4.595e+04	1.03e-04		27.6	-955.23	-290.25	-303.32	2.755e+04	-3.757e+04	1.926e+04
						55.2	-955.23	1469.63	-303.32	2.728e+04	-4.595e+04	3.565e+04
225	4	6.628e+04	-2.765e+04	-3.59e-03	-0.90	0.0	-732.49	-2373.28	-309.55	3.176e+04	-2.765e+04	6.628e+04
		2.868e+04	-4.475e+04	9.48e-05		27.6	-732.49	-310.87	-309.55	3.134e+04	-3.620e+04	2.932e+04
						55.2	-732.49	1701.83	-309.55	3.102e+04	-4.475e+04	4.865e+04
225	5	3.855e+04	-2.275e+04	2.25e-03	-0.60	0.0	-755.36	-1576.32	-232.91	2.106e+04	-2.275e+04	3.855e+04
		1.335e+04	-3.561e+04	8.05e-05		27.6	-755.36	-219.64	-232.91	2.079e+04	-2.918e+04	1.382e+04
						55.2	-755.36	1105.85	-232.91	2.059e+04	-3.561e+04	2.613e+04
225	7	4.996e+04	-2.033e+04	-2.74e-03	-0.68	0.0	-566.81	-1810.96	-232.45	2.395e+04	-2.033e+04	4.996e+04
		2.118e+04	-3.318e+04	7.22e-05		27.6	-566.81	-242.10	-232.45	2.363e+04	-2.675e+04	2.168e+04
						55.2	-566.81	1288.84	-232.45	2.338e+04	-3.318e+04	3.623e+04
225	8	5.276e+04	-2.120e+04	-2.82e-03	-0.70	0.0	-532.62	-1857.59	-239.14	2.491e+04	-2.120e+04	5.276e+04
		2.339e+04	-3.441e+04	7.27e-05		27.6	-532.62	-240.25	-239.14	2.458e+04	-2.781e+04	2.387e+04
						55.2	-532.62	1338.04	-239.14	2.433e+04	-3.441e+04	3.913e+04
225	9	5.768e+04	-3.093e+04	3.19e-03	-0.83	0.0	-886.85	-2185.27	-316.70	2.981e+04	-3.093e+04	5.768e+04
		2.305e+04	-4.843e+04	1.04e-04		27.6	-886.85	-286.57	-316.70	2.945e+04	-3.968e+04	2.364e+04
						55.2	-886.85	1568.04	-316.70	2.918e+04	-4.843e+04	4.144e+04
225	31	4.971e+04	-6.445e+04	-0.01	-0.70	0.0	284.78	-1417.34	-82.24	1.105e+04	-6.445e+04	4.971e+04
		2.891e+04	-7.232e+04	-3.15e-04		27.6	284.78	-86.71	-82.24	1.179e+04	-6.838e+04	2.894e+04
						55.2	284.78	1287.78	-82.24	1.255e+04	-7.232e+04	4.443e+04
225	34	3.365e+04	2.025e+04	0.01	-0.59	0.0	-1696.83	-1866.37	-383.86	3.269e+04	2.025e+04	3.365e+04
		1752.38	2366.59	4.71e-04		27.6	-1696.83	-365.65	-383.86	3.139e+04	1.131e+04	2968.68
						55.2	-1696.83	1024.97	-383.86	3.019e+04	2366.59	1.333e+04
225	36	3.673e+04	1.410e+04	0.01	-0.60	0.0	-1905.34	-1827.63	-412.86	3.157e+04	1.410e+04	3.673e+04
		7076.17	-5152.52	5.25e-04		27.6	-1905.34	-282.59	-412.86	3.028e+04	4473.54	7707.46
						55.2	-1905.34	1157.23	-412.86	2.909e+04	-5152.52	2.102e+04
225	37	4.663e+04	-5.830e+04	-0.01	-0.68	0.0	493.29	-1456.08	-53.24	1.217e+04	-5.830e+04	4.663e+04
		2.387e+04	-6.480e+04	-3.70e-04		27.6	493.29	-169.77	-53.24	1.289e+04	-6.155e+04	2.420e+04
						55.2	493.29	1155.52	-53.24	1.365e+04	-6.480e+04	3.674e+04
225	63	5.188e+04	-7.589e+04	-0.01	-0.72	0.0	552.55	-1356.68	-41.48	8120.22	-7.589e+04	5.188e+04
		3.245e+04	-8.241e+04	-4.22e-04		27.6	552.55	-49.02	-41.48	9136.41	-7.915e+04	3.245e+04
						55.2	552.55	1323.29	-41.48	1.017e+04	-8.241e+04	4.864e+04

225	66	3.148e+04	3.170e+04	0.01	-0.58	0.0	-1964.60	-1927.03	-424.63	3.561e+04	3.170e+04	3.148e+04
		-1988.77	1.246e+04	5.77e-04		27.6	-1964.60	-403.34	-424.63	3.404e+04	2.208e+04	-540.09
						55.2	-1964.60	989.46	-424.63	3.257e+04	1.246e+04	9124.43
225	68	3.539e+04	2.388e+04	0.01	-0.60	0.0	-2229.43	-1877.83	-461.45	3.419e+04	2.388e+04	3.539e+04
		4806.92	2906.03	6.46e-04		27.6	-2229.43	-297.83	-461.45	3.263e+04	1.339e+04	5479.27
						55.2	-2229.43	1157.46	-461.45	3.118e+04	2906.03	1.890e+04
225	69	4.797e+04	-6.808e+04	-0.01	-0.69	0.0	817.38	-1405.88	-4.65	9545.39	-6.808e+04	4.797e+04
		2.614e+04	-7.286e+04	-4.91e-04		27.6	817.38	-154.53	-4.65	1.054e+04	-7.047e+04	2.643e+04
						55.2	817.38	1155.29	-4.65	1.156e+04	-7.286e+04	3.886e+04
225	79	3.940e+04	-2.258e+04	2.30e-03	-0.61	0.0	-743.74	-1594.93	-233.14	2.129e+04	-2.258e+04	3.940e+04
		1.391e+04	-3.546e+04	7.96e-05		27.6	-743.74	-221.69	-233.14	2.102e+04	-2.902e+04	1.438e+04
						55.2	-743.74	1119.78	-233.14	2.081e+04	-3.546e+04	2.686e+04
225	81	4.700e+04	-2.097e+04	-2.62e-03	-0.66	0.0	-618.03	-1751.35	-232.84	2.322e+04	-2.097e+04	4.700e+04
		1.913e+04	-3.384e+04	7.41e-05		27.6	-618.03	-236.66	-232.84	2.291e+04	-2.741e+04	1.963e+04
						55.2	-618.03	1241.77	-232.84	2.267e+04	-3.384e+04	3.359e+04
225	82	4.888e+04	-2.155e+04	-2.67e-03	-0.67	0.0	-595.24	-1782.44	-237.30	2.386e+04	-2.155e+04	4.888e+04
		2.060e+04	-3.466e+04	7.44e-05		27.6	-595.24	-235.43	-237.30	2.355e+04	-2.811e+04	2.109e+04
						55.2	-595.24	1274.57	-237.30	2.331e+04	-3.466e+04	3.553e+04
225	83	4.314e+04	-2.374e+04	2.40e-03	-0.63	0.0	-698.15	-1657.10	-242.07	2.256e+04	-2.374e+04	4.314e+04
		1.685e+04	-3.711e+04	8.03e-05		27.6	-698.15	-219.23	-242.07	2.229e+04	-3.546e+04	1.730e+04
						55.2	-698.15	1185.38	-242.07	2.208e+04	-3.711e+04	3.072e+04
225	86	3.940e+04	-2.258e+04	2.30e-03	-0.61	0.0	-743.74	-1594.93	-233.14	2.129e+04	-2.258e+04	3.940e+04
		1.391e+04	-3.546e+04	7.96e-05		27.6	-743.74	-221.69	-233.14	2.102e+04	-2.902e+04	1.438e+04
						55.2	-743.74	1119.78	-233.14	2.081e+04	-3.546e+04	2.686e+04
225	87	4.320e+04	-2.178e+04	2.46e-03	-0.64	0.0	-680.88	-1673.14	-232.99	2.225e+04	-2.178e+04	4.320e+04
		1.652e+04	-3.465e+04	7.68e-05		27.6	-680.88	-229.18	-232.99	2.197e+04	-2.821e+04	1.700e+04
						55.2	-680.88	1180.77	-232.99	2.174e+04	-3.465e+04	3.023e+04
225	88	4.015e+04	-2.281e+04	2.32e-03	-0.61	0.0	-734.62	-1607.36	-234.93	2.154e+04	-2.281e+04	4.015e+04
		1.450e+04	-3.579e+04	7.98e-05		27.6	-734.62	-221.20	-234.93	2.127e+04	-2.930e+04	1.496e+04
						55.2	-734.62	1132.90	-234.93	2.107e+04	-3.579e+04	2.763e+04
225	91	3.940e+04	-2.258e+04	2.30e-03	-0.61	0.0	-743.74	-1594.93	-233.14	2.129e+04	-2.258e+04	3.940e+04
		1.391e+04	-3.546e+04	7.96e-05		27.6	-743.74	-221.69	-233.14	2.102e+04	-2.902e+04	1.438e+04
						55.2	-743.74	1119.78	-233.14	2.081e+04	-3.546e+04	2.686e+04
225	92	4.168e+04	-2.210e+04	2.39e-03	-0.62	0.0	-706.02	-1641.85	-233.05	2.187e+04	-2.210e+04	4.168e+04
		1.547e+04	-3.498e+04	7.80e-05		27.6	-706.02	-226.18	-233.05	2.159e+04	-2.854e+04	1.595e+04
						55.2	-706.02	1156.37	-233.05	2.137e+04	-3.498e+04	2.888e+04
226	1	5.207e+04	-1.528e+04	-2.50e-03	-0.83	0.0	-1280.42	-1607.64	-244.48	2.460e+04	-1.528e+04	3.765e+04
		1.869e+04	-2.879e+04	1.86e-04		27.6	-1280.42	266.67	-244.48	2.410e+04	-2.204e+04	1.921e+04
						55.2	-1280.42	2106.57	-244.48	2.367e+04	-2.879e+04	5.207e+04
226	4	6.628e+04	-1.343e+04	-2.87e-03	-0.93	0.0	-1098.59	-1808.20	-249.99	2.858e+04	-1.343e+04	4.795e+04
		2.703e+04	-2.724e+04	1.74e-04		27.6	-1098.59	338.38	-249.99	2.799e+04	-2.033e+04	2.773e+04
						55.2	-1098.59	2445.40	-249.99	2.749e+04	-2.724e+04	6.628e+04
226	5	3.855e+04	-1.206e+04	-1.87e-03	-0.62	0.0	-999.55	-1212.41	-187.70	1.847e+04	-1.206e+04	2.783e+04
		1.349e+04	-2.244e+04	1.45e-04		27.6	-999.55	198.46	-187.70	1.810e+04	-1.725e+04	1.388e+04
						55.2	-999.55	1583.60	-187.70	1.778e+04	-2.244e+04	3.855e+04
226	7	4.996e+04	-9676.03	-2.20e-03	-0.71	0.0	-848.48	-1382.92	-187.47	2.165e+04	-9676.03	3.641e+04
		2.031e+04	-2.003e+04	1.30e-04		27.6	-848.48	250.34	-187.47	2.120e+04	-1.485e+04	2.083e+04
						55.2	-848.48	1853.30	-187.47	2.081e+04	-2.003e+04	4.996e+04
226	8	5.276e+04	-1.021e+04	-2.24e-03	-0.73	0.0	-817.72	-1412.97	-193.21	2.245e+04	-1.021e+04	3.812e+04
		2.183e+04	-2.088e+04	1.33e-04		27.6	-817.72	270.17	-193.21	2.199e+04	-1.555e+04	2.400e+04
						55.2	-817.72	1922.42	-193.21	2.160e+04	-2.088e+04	5.276e+04
226	9	5.768e+04	-1.635e+04	-2.58e-03	-0.86	0.0	-1218.90	-1667.74	-255.97	2.621e+04	-1.635e+04	4.108e+04
		2.172e+04	-3.049e+04	1.92e-04		27.6	-1218.90	306.32	-255.97	2.569e+04	-2.342e+04	2.236e+04
						55.2	-1218.90	2244.83	-255.97	2.525e+04	-3.049e+04	5.768e+04
226	31	4.971e+04	-5.677e+04	-9.92e-03	-0.72	0.0	124.86	-1093.98	-77.69	9103.05	-5.677e+04	3.555e+04
		2.244e+04	-6.388e+04	-1.58e-04		27.6	124.86	299.34	-77.69	9759.59	-6.032e+04	2.314e+04
						55.2	124.86	1814.94	-77.69	1.043e+04	-6.388e+04	4.971e+04
226	34	3.365e+04	3.394e+04	0.01	-0.61	0.0	-2047.02	-1426.44	-298.02	2.963e+04	3.394e+04	2.482e+04
		8225.97	2.030e+04	4.39e-04		27.6	-2047.02	125.87	-298.02	2.818e+04	2.712e+04	8406.43
						55.2	-2047.02	1501.78	-298.02	2.683e+04	2.030e+04	3.365e+04
226	36	3.673e+04	2.895e+04	9.93e-03	-0.62	0.0	-2225.68	-1385.48	-325.28	2.874e+04	2.895e+04	2.609e+04
		8680.90	1.416e+04	4.84e-04		27.6	-2225.68	203.28	-325.28	2.731e+04	2.155e+04	8948.14
						55.2	-2225.68	1620.63	-325.28	2.598e+04	1.416e+04	3.673e+04
226	37	4.663e+04	-5.178e+04	-0.01	-0.70	0.0	303.52	-1134.94	-50.43	9985.42	-5.178e+04	3.428e+04
		2.200e+04	-5.774e+04	-2.02e-04		27.6	303.52	221.93	-50.43	1.062e+04	-5.476e+04	2.260e+04
						55.2	303.52	1696.10	-50.43	1.128e+04	-5.774e+04	4.663e+04
226	63	5.188e+04	-6.902e+04	-0.01	-0.74	0.0	418.35	-1049.06	-47.91	6329.90	-6.902e+04	3.700e+04
		2.430e+04	-7.525e+04	-2.39e-04		27.6	418.35	322.78	-47.91	7270.65	-7.214e+04	2.513e+04
						55.2	418.35	1857.26	-47.91	8212.34	-7.525e+04	5.188e+04
226	66	3.148e+04	4.620e+04	0.01	-0.60	0.0	-2340.51	-1471.36	-327.80	3.240e+04	4.620e+04	2.337e+04
		6299.46	3.167e+04	5.20e-04		27.6	-2340.51	102.43	-327.80	3.067e+04	3.893e+04	6415.48
						55.2	-2340.51	1459.47	-327.80	2.905e+04	3.167e+04	3.148e+04
226	68	3.539e+04	3.986e+04	0.01	-0.62	0.0	-2567.41	-1419.34	-362.42	3.128e+04	3.986e+04	2.499e+04
		6877.29	2.387e+04	5.76e-04		27.6	-2567.41	200.75	-362.42	2.957e+04	3.186e+04	7103.59
						55.2	-2567.41	1610.43	-362.42	2.796e+04	2.387e+04	3.539e+04
226	69	4.797e+04	-6.268e+04	-0.01	-0.72	0.0	645.25	-1101.08	-13.29	7450.71	-6.268e+04	3.538e+04
		2.374e+04	-6.745e+04	-2.95e-04		27.6	645.25	224.46	-13.29	8368.29	-6.507e+04	2.444e+04

226	79	3.940e+04	-1.189e+04	-1.90e-03	-0.63	55.2	645.25	1706.29	-13.29	9294.42	-6.745e+04	4.797e+04
		1.399e+04	-2.227e+04	1.44e-04		0.0	-991.29	-1226.11	-187.90	1.873e+04	-1.189e+04	2.847e+04
226	81	4.700e+04	-1.030e+04	-2.12e-03	-0.69	27.6	-991.29	202.23	-187.90	1.835e+04	-1.708e+04	1.438e+04
		1.854e+04	-2.067e+04	1.34e-04		55.2	-991.29	1604.42	-187.90	1.802e+04	-2.227e+04	3.940e+04
226	82	4.888e+04	-1.065e+04	-2.15e-03	-0.70	0.0	-890.58	-1339.78	-187.75	2.085e+04	-1.030e+04	3.419e+04
		1.955e+04	-2.124e+04	1.36e-04		27.6	-890.58	236.82	-187.75	2.041e+04	-1.548e+04	1.902e+04
226	83	4.314e+04	-1.260e+04	-1.95e-03	-0.65	55.2	-890.58	1784.22	-187.75	2.004e+04	-2.067e+04	4.700e+04
		1.602e+04	-2.341e+04	1.48e-04		0.0	-870.07	-1359.82	-191.58	2.138e+04	-1.065e+04	3.533e+04
226	86	3.940e+04	-1.189e+04	-1.90e-03	-0.63	27.6	-870.07	250.04	-191.58	2.094e+04	-1.595e+04	2.007e+04
		1.399e+04	-2.227e+04	1.44e-04		55.2	-870.07	1830.31	-191.58	2.057e+04	-2.124e+04	4.888e+04
226	87	4.320e+04	-1.109e+04	-2.01e-03	-0.66	0.0	-950.28	-1266.17	-195.57	1.980e+04	-1.260e+04	3.076e+04
		1.626e+04	-2.147e+04	1.39e-04		27.6	-950.28	228.66	-195.57	1.941e+04	-1.800e+04	1.649e+04
226	88	4.015e+04	-1.203e+04	-1.91e-03	-0.64	55.2	-950.28	1696.59	-195.57	1.908e+04	-2.341e+04	4.314e+04
		1.440e+04	-2.250e+04	1.45e-04		0.0	-991.29	-1226.11	-187.90	1.873e+04	-1.189e+04	2.847e+04
226	91	3.940e+04	-1.189e+04	-1.90e-03	-0.63	27.6	-991.29	202.23	-187.90	1.835e+04	-1.708e+04	1.438e+04
		1.399e+04	-2.227e+04	1.44e-04		55.2	-991.29	1604.42	-187.90	1.802e+04	-2.227e+04	3.940e+04
226	92	4.168e+04	-1.141e+04	-1.96e-03	-0.65	0.0	-961.08	-1260.21	-187.86	1.936e+04	-1.141e+04	3.018e+04
		1.536e+04	-2.179e+04	1.41e-04		27.6	-961.08	212.60	-187.86	1.897e+04	-1.660e+04	1.577e+04
227	1	3.765e+04	-4841.33	2.16e-03	-0.85	55.2	-961.08	1658.36	-187.86	1.863e+04	-2.179e+04	4.168e+04
		-1114.82	-1.502e+04	2.30e-04		0.0	-1662.43	-1529.16	-184.32	2.164e+04	-4841.33	3.765e+04
227	4	4.795e+04	-2685.67	2.41e-03	-0.95	27.6	-1662.43	406.42	-184.32	2.102e+04	-9933.04	31.75
		2326.26	-1.315e+04	2.12e-04		55.2	-1662.43	2312.23	-184.32	2.045e+04	-1.502e+04	3.765e+04
227	5	2.783e+04	-4053.93	1.62e-03	-0.64	0.0	-1538.57	-1714.15	-189.47	2.588e+04	-2685.67	2.057e+04
		-1240.91	-1.187e+04	1.80e-04		27.6	-1538.57	501.13	-189.47	2.514e+04	-7919.75	3886.57
227	7	3.641e+04	-1629.74	1.85e-03	-0.73	55.2	-1538.57	2683.32	-189.47	2.448e+04	-1.315e+04	4.795e+04
		1858.88	-9474.66	1.58e-04		0.0	-1285.36	-1154.19	-141.40	1.614e+04	-4053.93	1.131e+04
227	8	3.812e+04	-1898.27	1.87e-03	-0.75	27.6	-1285.36	302.63	-141.40	1.567e+04	-7960.19	-400.47
		2200.18	-9995.51	1.63e-04		55.2	-1285.36	1737.10	-141.40	1.525e+04	-1.187e+04	2.783e+04
227	9	4.109e+04	-5378.39	2.20e-03	-0.89	0.0	-1186.30	-1309.60	-141.99	1.972e+04	-1629.74	1.584e+04
		-432.22	-1.607e+04	2.39e-04		27.6	-1186.30	376.39	-141.99	1.916e+04	-5552.20	3011.87
227	31	3.555e+04	-5.038e+04	-9.71e-03	-0.74	55.2	-1186.30	2036.97	-141.99	1.865e+04	-9474.66	3.641e+04
		7019.08	-5.631e+04	-1.58e-05		0.0	-1161.51	-1339.18	-146.56	2.037e+04	-1898.27	1.641e+04
227	34	2.482e+04	4.362e+04	1.00e-02	-0.62	27.6	-1161.51	397.34	-146.56	1.980e+04	-5946.89	3454.36
		-7827.63	3.389e+04	3.63e-04		55.2	-1161.51	2108.19	-146.56	1.928e+04	-9995.51	3.812e+04
227	35	3.567e+04	-4.789e+04	-9.72e-03	-0.74	0.0	-1612.85	-1588.33	-193.45	2.295e+04	-5378.39	1.659e+04
		7134.56	-5.304e+04	-1.32e-05		27.6	-1612.85	448.33	-193.45	2.230e+04	-1.072e+04	916.72
227	36	2.609e+04	3.942e+04	9.73e-03	-0.63	55.2	-1612.85	2454.68	-193.45	2.171e+04	-1.607e+04	4.109e+04
		-5182.69	2.890e+04	3.97e-04		0.0	-94.39	-1076.04	-54.91	7719.81	-5.038e+04	1.866e+04
227	37	3.428e+04	-4.619e+04	-0.01	-0.73	27.6	-94.39	351.94	-54.91	8283.03	-5.335e+04	7964.33
		4374.14	-5.133e+04	-4.95e-05		55.2	-94.39	1958.98	-54.91	8840.79	-5.631e+04	3.555e+04
227	46	2.479e+04	3.313e+04	9.69e-03	-0.62	0.0	-2429.28	-1319.47	-228.55	2.657e+04	4.362e+04	6445.22
		-8041.55	2.159e+04	2.71e-04		27.6	-2429.28	294.13	-228.55	2.501e+04	3.875e+04	-6920.01
227	63	3.700e+04	-6.309e+04	-0.01	-0.76	55.2	-2429.28	1682.13	-228.55	2.356e+04	3.389e+04	2.482e+04
		9025.03	-6.850e+04	-6.70e-05		0.0	-119.97	-1075.91	-49.85	7572.33	-4.789e+04	1.868e+04
227	66	2.337e+04	5.632e+04	0.01	-0.62	27.6	-119.97	350.04	-49.85	8110.35	-5.047e+04	8096.40
		-9833.57	4.607e+04	4.15e-04		55.2	-119.97	1961.38	-49.85	8645.10	-5.304e+04	3.567e+04
227	67	3.716e+04	-5.992e+04	-0.01	-0.76	0.0	-2556.30	-1311.34	-254.30	2.587e+04	3.942e+04	9284.68
		9171.72	-6.434e+04	-6.37e-05		27.6	-2556.30	322.04	-254.30	2.432e+04	3.416e+04	-4440.25
227	68	2.499e+04	5.099e+04	0.01	-0.63	55.2	-2556.30	1742.91	-254.30	2.288e+04	2.890e+04	2.609e+04
		-6479.58	3.974e+04	4.57e-04		0.0	32.63	-1084.17	-29.17	8421.63	-4.619e+04	1.582e+04
227	69	3.538e+04	-5.776e+04	-0.01	-0.74	27.6	32.63	324.03	-29.17	8970.36	-4.876e+04	5484.56
						55.2	32.63	1898.20	-29.17	9521.81	-5.133e+04	3.428e+04
227						0.0	-2392.58	-1307.66	-256.06	2.765e+04	3.313e+04	6130.25
						27.6	-2392.58	296.89	-256.06	2.617e+04	2.736e+04	-7096.87
227						55.2	-2392.58	1676.85	-256.06	2.479e+04	2.159e+04	2.479e+04
						0.0	221.14	-1043.15	-31.44	5173.07	-6.309e+04	2.031e+04
227						27.6	221.14	359.75	-31.44	6022.60	-6.579e+04	9975.38
						55.2	221.14	1996.38	-31.44	6851.99	-6.850e+04	3.700e+04
227						0.0	-2744.82	-1352.36	-252.03	2.911e+04	5.632e+04	4795.38
						27.6	-2744.82	286.32	-252.03	2.727e+04	5.120e+04	-8931.07
227						55.2	-2744.82	1644.73	-252.03	2.555e+04	4.607e+04	2.337e+04
						0.0	188.60	-1042.98	-25.01	4985.73	-5.992e+04	2.033e+04
227						27.6	188.60	357.33	-25.01	5803.26	-6.213e+04	1.014e+04
						55.2	188.60	1999.43	-25.01	6603.44	-6.434e+04	3.716e+04
227						0.0	-2906.10	-1342.03	-284.72	2.822e+04	5.099e+04	8402.05
						27.6	-2906.10	321.77	-284.72	2.640e+04	4.537e+04	-5781.28
227						55.2	-2906.10	1721.93	-284.72	2.468e+04	3.974e+04	2.499e+04
						0.0	382.43	-1053.48	1.26	6064.53	-5.776e+04	1.670e+04

		5665.44-6.217e+04	-1.10e-04			27.6	382.43	324.30	1.26	6895.69-5.996e+04	6825.59
227	78	2.334e+04 4.300e+04	0.01	-0.62		55.2	382.43	1919.18	1.26	7717.09-6.217e+04	3.538e+04
		-1.011e+04 3.045e+04	2.97e-04			0.0	-2698.14	-1337.36	-286.97	3.049e+04 4.300e+04	4395.20
						27.6	-2698.14	289.82	-286.97	2.875e+04 3.673e+04	-9155.70
						55.2	-2698.14	1638.01	-286.97	2.711e+04 3.045e+04	2.334e+04
227	79	2.847e+04 -3867.51	1.65e-03	-0.65		0.0	-1281.65	-1166.67	-141.62	1.643e+04 -3867.51	1.164e+04
		-1024.23-1.169e+04	1.78e-04			27.6	-1281.65	308.29	-141.62	1.595e+04 -7779.66	-160.31
						55.2	-1281.65	1760.58	-141.62	1.552e+04-1.169e+04	2.847e+04
227	81	3.419e+04 -2251.38	1.80e-03	-0.71		0.0	-1215.60	-1270.28	-142.01	1.882e+04 -2251.38	1.467e+04
		1042.29-1.010e+04	1.64e-04			27.6	-1215.60	357.45	-142.01	1.827e+04 -6174.34	2114.58
						55.2	-1215.60	1960.49	-142.01	1.779e+04-1.010e+04	3.419e+04
227	82	3.533e+04 -2430.40	1.81e-03	-0.72		0.0	-1199.08	-1290.00	-145.05	1.925e+04 -2430.40	1.504e+04
		1269.83-1.044e+04	1.67e-04			27.6	-1199.08	371.42	-145.05	1.870e+04 -6437.47	2409.57
						55.2	-1199.08	2007.97	-145.05	1.821e+04-1.044e+04	3.533e+04
227	83	3.076e+04 -4225.54	1.67e-03	-0.67		0.0	-1248.60	-1206.12	-147.71	1.730e+04 -4225.54	1.239e+04
		-569.16-1.239e+04	1.84e-04			27.6	-1248.60	336.23	-147.71	1.681e+04 -8305.92	429.67
						55.2	-1248.60	1855.55	-147.71	1.636e+04-1.239e+04	3.076e+04
227	86	2.847e+04 -3867.51	1.65e-03	-0.65		0.0	-1281.65	-1166.67	-141.62	1.643e+04 -3867.51	1.164e+04
		-1024.23-1.169e+04	1.78e-04			27.6	-1281.65	308.29	-141.62	1.595e+04 -7779.66	-160.31
						55.2	-1281.65	1760.58	-141.62	1.552e+04-1.169e+04	2.847e+04
227	87	3.133e+04 -3059.44	1.72e-03	-0.68		0.0	-1248.63	-1218.48	-141.81	1.762e+04 -3059.44	1.316e+04
		9.03-1.089e+04	1.71e-04			27.6	-1248.63	332.87	-141.81	1.711e+04 -6977.00	977.13
						55.2	-1248.63	1860.54	-141.81	1.665e+04-1.089e+04	3.133e+04
227	88	2.893e+04 -3939.11	1.65e-03	-0.65		0.0	-1275.04	-1174.56	-142.83	1.660e+04 -3939.11	1.179e+04
		-933.22-1.183e+04	1.79e-04			27.6	-1275.04	313.87	-142.83	1.612e+04 -7884.92	-42.32
						55.2	-1275.04	1779.58	-142.83	1.569e+04-1.183e+04	2.893e+04
227	91	2.847e+04 -3867.51	1.65e-03	-0.65		0.0	-1281.65	-1166.67	-141.62	1.643e+04 -3867.51	1.164e+04
		-1024.23-1.169e+04	1.78e-04			27.6	-1281.65	308.29	-141.62	1.595e+04 -7779.66	-160.31
						55.2	-1281.65	1760.58	-141.62	1.552e+04-1.169e+04	2.847e+04
227	92	3.018e+04 -3382.67	1.69e-03	-0.67		0.0	-1261.84	-1197.75	-141.73	1.714e+04 -3382.67	1.255e+04
		-404.27-1.121e+04	1.74e-04			27.6	-1261.84	323.04	-141.73	1.665e+04 -7298.07	522.16
						55.2	-1261.84	1820.56	-141.73	1.620e+04-1.121e+04	3.018e+04
228	1	1.547e+04 1578.33	-1.90e-03	-0.87		0.0	-2036.20	-1496.93	-130.09	1.908e+04 1578.33	2554.53
		-1.294e+04 -4796.05	2.17e-04			24.5	-2036.20	267.46	-130.09	1.843e+04 -1608.86	-1.246e+04
						49.0	-2036.20	2008.62	-130.09	1.782e+04 -4796.05	1.547e+04
228	3	2.000e+04 4108.23	-2.06e-03	-0.96		0.0	-2000.03	-1636.50	-131.61	2.315e+04 4108.23	3782.88
		-1.276e+04 -2340.81	1.92e-04			24.5	-2000.03	335.23	-131.61	2.240e+04 883.71	-1.211e+04
						49.0	-2000.03	2281.84	-131.61	2.169e+04 -2340.81	2.000e+04
228	4	2.057e+04 4007.46	-2.07e-03	-0.98		0.0	-1980.96	-1670.45	-135.02	2.367e+04 4007.46	3794.72
		-1.305e+04 -2608.76	1.97e-04			24.5	-1980.96	346.47	-135.02	2.290e+04 699.35	-1.237e+04
						49.0	-1980.96	2338.09	-135.02	2.219e+04 -2608.76	2.057e+04
228	9	1.659e+04 1376.79	-1.93e-03	-0.91		0.0	-1998.05	-1564.83	-136.91	2.011e+04 1376.79	2578.21
		-1.353e+04 -5331.94	2.26e-04			24.5	-1998.05	289.93	-136.91	1.944e+04 -1977.58	-1.299e+04
						49.0	-1998.05	2121.12	-136.91	1.881e+04 -5331.94	1.659e+04
228	14	1.561e+04 2428.88	-1.57e-03	-0.76		0.0	-1499.89	-1297.29	-107.54	1.798e+04 2428.88	2717.28
		-1.039e+04 -2840.77	1.62e-04			24.5	-1499.89	266.21	-107.54	1.740e+04 -205.94	-9873.52
						49.0	-1499.89	1810.55	-107.54	1.686e+04 -2840.77	1.561e+04
228	31	1.866e+04-4.610e+04	-9.77e-03	-0.75		0.0	-349.22	-1042.43	-25.81	6836.87-4.610e+04	7407.59
		-2957.54-5.016e+04	9.40e-05			24.5	-349.22	233.83	-25.81	7233.96-4.813e+04	-2488.92
						49.0	-349.22	1680.77	-25.81	7606.03-5.016e+04	1.866e+04
228	34	6444.45 4.923e+04	9.99e-03	-0.64		0.0	-2766.36	-1299.16	-174.58	2.364e+04 4.923e+04	-3100.36
		-1.686e+04 4.347e+04	2.33e-04			24.5	-2766.36	196.55	-174.58	2.221e+04 4.635e+04	-1.654e+04
						49.0	-2766.36	1485.39	-174.58	2.088e+04 4.347e+04	6444.45
228	36	9283.90 4.765e+04	9.79e-03	-0.64		0.0	-2842.84	-1261.24	-199.33	2.302e+04 4.765e+04	-1128.87
		-1.426e+04 3.927e+04	2.53e-04			24.5	-2842.84	214.75	-199.33	2.160e+04 4.346e+04	-1.388e+04
						49.0	-2842.84	1492.19	-199.33	2.026e+04 3.927e+04	9283.90
228	37	1.582e+04-4.452e+04	-0.01	-0.75		0.0	-272.75	-1080.35	-1.06	7449.92-4.452e+04	5436.11
		-5561.15-4.596e+04	7.39e-05			24.5	-272.75	215.62	-1.06	7848.53-4.524e+04	-5152.13
						49.0	-272.75	1673.97	-1.06	8230.56-4.596e+04	1.582e+04
228	43	1.897e+04-3.576e+04	-9.49e-03	-0.75		0.0	-384.58	-1040.03	2.14	5489.69-3.576e+04	7620.24
		-2692.63-3.964e+04	1.65e-04			24.5	-384.58	235.60	2.14	5856.17-3.770e+04	-2217.44
						49.0	-384.58	1676.67	2.14	6213.33-3.964e+04	1.897e+04
228	46	6129.59 3.889e+04	9.72e-03	-0.64		0.0	-2731.00	-1301.56	-202.53	2.498e+04 3.889e+04	-3313.01
		-1.713e+04 3.295e+04	1.62e-04			24.5	-2731.00	194.78	-202.53	2.359e+04 3.592e+04	-1.681e+04
						49.0	-2731.00	1489.49	-202.53	2.228e+04 3.295e+04	6129.59
228	63	2.031e+04-5.898e+04	-0.01	-0.77		0.0	-22.56	-1007.74	-5.69	4566.95-5.898e+04	8827.36
		-1092.93-6.281e+04	7.52e-05			24.5	-22.56	238.86	-5.69	5209.93-6.089e+04	-590.32
						49.0	-22.56	1707.16	-5.69	5811.95-6.281e+04	2.031e+04
228	66	4794.51 6.211e+04	0.01	-0.63		0.0	-3093.03	-1333.85	-194.69	2.591e+04 6.211e+04	-4520.13
		-1.874e+04 5.612e+04	2.52e-04			24.5	-3093.03	191.51	-194.69	2.424e+04 5.911e+04	-1.844e+04
						49.0	-3093.03	1459.00	-194.69	2.268e+04 5.612e+04	4794.51
228	68	8401.19 6.011e+04	0.01	-0.64		0.0	-3190.09	-1285.68	-226.12	2.513e+04 6.011e+04	-2015.97
		-1.543e+04 5.079e+04	2.77e-04			24.5	-3190.09	214.64	-226.12	2.346e+04 5.545e+04	-1.506e+04
						49.0	-3190.09	1467.63	-226.12	2.188e+04 5.079e+04	8401.19
228	69	1.670e+04-5.697e+04	-0.01	-0.76		0.0	74.50	-1055.91	25.73	5345.58-5.697e+04	6323.20
		-4385.83-5.748e+04	5.05e-05			24.5	74.50	215.74	25.73	5990.53-5.723e+04	-3973.12
						49.0	74.50	1698.53	25.73	6605.22-5.748e+04	1.670e+04

228	75	2.071e+04	-4.585e+04	-0.01	-0.77	0.0	-67.55	-1004.69	29.81	2855.60	-4.585e+04	9097.27
		-765.08	-4.945e+04	1.65e-04		24.5	-67.55	241.12	29.81	3459.70	-4.765e+04	-245.51
						49.0	-67.55	1701.95	29.81	4042.76	-4.945e+04	2.071e+04
228	78	4394.46	4.898e+04	0.01	-0.63	0.0	-3048.04	-1336.90	-230.20	2.762e+04	4.898e+04	-4790.04
		-1.908e+04	4.276e+04	1.62e-04		24.5	-3048.04	189.26	-230.20	2.599e+04	4.587e+04	-1.878e+04
						49.0	-3048.04	1464.21	-230.20	2.445e+04	4.276e+04	4394.46
228	79	1.164e+04	1059.92	-1.45e-03	-0.66	0.0	-1565.03	-1142.88	-99.89	1.442e+04	1059.92	1907.95
		-9947.20	-3834.60	1.69e-04		24.5	-1565.03	201.63	-99.89	1.393e+04	-1387.34	-9585.48
						49.0	-1565.03	1528.44	-99.89	1.347e+04	-3834.60	1.164e+04
228	81	1.467e+04	2746.52	-1.55e-03	-0.72	0.0	-1540.91	-1235.93	-100.90	1.714e+04	2746.52	2726.85
		-9824.13	-2197.78	1.52e-04		24.5	-1540.91	246.81	-100.90	1.657e+04	274.37	-9350.39
						49.0	-1540.91	1710.58	-100.90	1.605e+04	-2197.78	1.467e+04
228	82	1.504e+04	2679.34	-1.56e-03	-0.74	0.0	-1528.20	-1258.56	-103.18	1.748e+04	2679.34	2734.74
		-1.002e+04	-2376.41	1.55e-04		24.5	-1528.20	254.31	-103.18	1.691e+04	151.47	-9527.72
						49.0	-1528.20	1748.08	-103.18	1.638e+04	-2376.41	1.504e+04
228	83	1.239e+04	925.56	-1.47e-03	-0.69	0.0	-1539.59	-1188.14	-104.44	1.511e+04	925.56	1923.74
		-1.034e+04	-4191.87	1.75e-04		24.5	-1539.59	216.62	-104.44	1.460e+04	-1633.15	-9940.14
						49.0	-1539.59	1603.44	-104.44	1.413e+04	-4191.87	1.239e+04
228	85	1.451e+04	2106.18	-1.54e-03	-0.73	0.0	-1522.71	-1253.28	-105.15	1.701e+04	2106.18	2496.97
		-1.025e+04	-3046.09	1.63e-04		24.5	-1522.71	248.24	-105.15	1.645e+04	-469.95	-9775.57
						49.0	-1522.71	1730.94	-105.15	1.594e+04	-3046.09	1.451e+04
228	86	1.164e+04	1059.92	-1.45e-03	-0.66	0.0	-1565.03	-1142.88	-99.89	1.442e+04	1059.92	1907.95
		-9947.20	-3834.60	1.69e-04		24.5	-1565.03	201.63	-99.89	1.393e+04	-1387.34	-9585.48
						49.0	-1565.03	1528.44	-99.89	1.347e+04	-3834.60	1.164e+04
228	87	1.315e+04	1903.22	-1.50e-03	-0.69	0.0	-1552.97	-1189.40	-100.40	1.578e+04	1903.22	2317.40
		-9885.67	-3016.19	1.60e-04		24.5	-1552.97	224.22	-100.40	1.525e+04	-556.49	-9467.93
						49.0	-1552.97	1619.51	-100.40	1.476e+04	-3016.19	1.315e+04
228	88	1.179e+04	1033.05	-1.45e-03	-0.67	0.0	-1559.94	-1151.93	-100.80	1.456e+04	1033.05	1911.10
		-1.003e+04	-3906.05	1.70e-04		24.5	-1559.94	204.63	-100.80	1.407e+04	-1436.50	-9656.41
						49.0	-1559.94	1543.44	-100.80	1.360e+04	-3906.05	1.179e+04
228	90	1.270e+04	1539.03	-1.48e-03	-0.69	0.0	-1552.71	-1179.85	-101.10	1.537e+04	1539.03	2156.77
		-9988.09	-3415.01	1.65e-04		24.5	-1552.71	218.18	-101.10	1.486e+04	-937.99	-9585.88
						49.0	-1552.71	1598.08	-101.10	1.438e+04	-3415.01	1.270e+04
228	91	1.164e+04	1059.92	-1.45e-03	-0.66	0.0	-1565.03	-1142.88	-99.89	1.442e+04	1059.92	1907.95
		-9947.20	-3834.60	1.69e-04		24.5	-1565.03	201.63	-99.89	1.393e+04	-1387.34	-9585.48
						49.0	-1565.03	1528.44	-99.89	1.347e+04	-3834.60	1.164e+04
228	92	1.255e+04	1565.90	-1.48e-03	-0.68	0.0	-1557.79	-1170.79	-100.19	1.524e+04	1565.90	2153.62
		-9910.28	-3343.55	1.63e-04		24.5	-1557.79	215.19	-100.19	1.472e+04	-888.83	-9514.95
						49.0	-1557.79	1583.08	-100.19	1.425e+04	-3343.55	1.255e+04
229	3	3783.02	8377.93	-2.20e-03	-0.98	0.0	-2164.20	-1925.40	-87.21	2.179e+04	8377.93	-851.34
		-2.317e+04	4104.40	1.84e-04		24.5	-2164.20	99.07	-87.21	2.094e+04	6241.16	-2.317e+04
						49.0	-2164.20	2096.60	-87.21	2.013e+04	4104.40	3783.02
229	4	3794.81	8393.94	-2.22e-03	-1.00	0.0	-2143.06	-1972.82	-89.70	2.219e+04	8393.94	-748.23
		-2.367e+04	3998.66	1.89e-04		24.5	-2143.06	97.24	-89.70	2.133e+04	6196.30	-2.367e+04
						49.0	-2143.06	2140.15	-89.70	2.051e+04	3998.66	3794.81
229	12	1857.42	4034.52	-1.57e-03	-0.71	0.0	-1609.96	-1432.15	-70.13	1.335e+04	4034.52	843.08
		-1.637e+04	597.95	1.79e-04		24.5	-1609.96	23.91	-70.13	1.278e+04	2316.24	-1.637e+04
						49.0	-1609.96	1460.70	-70.13	1.224e+04	597.95	1857.42
229	31	7407.76	-3.906e+04	-0.01	-0.77	0.0	-485.03	-1240.93	-165.26	6204.82	-3.906e+04	4232.53
		-1.014e+04	-4.603e+04	3.37e-04		24.5	-485.03	75.67	-165.26	6485.01	-4.255e+04	-1.014e+04
						49.0	-485.03	1560.04	-165.26	6714.10	-4.603e+04	7407.76
229	32	-1186.95	5.248e+04	0.01	-0.65	0.0	-2942.36	-1473.21	1.07	2.105e+04	5.248e+04	-3602.89
		-2.096e+04	4.379e+04	2.81e-04		24.5	-2942.36	46.92	1.07	1.959e+04	4.813e+04	-2.096e+04
						49.0	-2942.36	1358.59	1.07	1.824e+04	4.379e+04	-1186.95
229	33	5494.36	-4.073e+04	-0.01	-0.77	0.0	-374.24	-1289.81	-132.64	6638.90	-4.297e+04	4058.90
		-1.131e+04	-4.297e+04	4.06e-05		24.5	-374.24	38.16	-132.64	6943.12	-4.185e+04	-1.131e+04
						49.0	-374.24	1535.71	-132.64	7205.42	-4.073e+04	5494.36
229	38	-3158.44	4.917e+04	0.01	-0.65	0.0	-2848.87	-1523.79	25.48	2.168e+04	4.917e+04	-3891.30
		-2.227e+04	4.537e+04	1.23e-04		24.5	-2848.87	11.06	25.48	2.023e+04	4.727e+04	-2.227e+04
						49.0	-2848.87	1339.16	25.48	1.890e+04	4.537e+04	-3158.44
229	43	7620.43	-3.465e+04	-0.01	-0.77	0.0	-497.55	-1235.50	26.32	4727.71	-3.465e+04	4195.34
		-1.003e+04	-3.564e+04	2.47e-04		24.5	-497.55	77.74	26.32	5027.61	-3.515e+04	-1.003e+04
						49.0	-497.55	1545.48	26.32	5304.26	-3.564e+04	7620.43
229	63	8827.47	-5.090e+04	-0.01	-0.79	0.0	-167.94	-1202.94	-192.14	4140.69	-5.090e+04	5314.46
		-8521.22	-5.888e+04	3.85e-04		24.5	-167.94	84.62	-192.14	4652.17	-5.489e+04	-8521.22
						49.0	-167.94	1590.54	-192.14	5090.48	-5.888e+04	8827.47
229	64	-2089.69	6.538e+04	0.01	-0.65	0.0	-3289.31	-1497.99	19.15	2.300e+04	6.538e+04	-4638.47
		-2.227e+04	5.521e+04	3.13e-04		24.5	-3289.31	48.10	19.15	2.130e+04	6.029e+04	-2.227e+04
						49.0	-3289.31	1334.65	19.15	1.973e+04	5.521e+04	-2089.69
229	65	6397.10	-5.215e+04	-0.01	-0.79	0.0	-27.29	-1265.03	-150.72	4691.89	-5.587e+04	5094.48
		-1.000e+04	-5.587e+04	1.92e-05		24.5	-27.29	36.98	-150.72	5233.95	-5.401e+04	-1.000e+04
						49.0	-27.29	1559.64	-150.72	5714.48	-5.215e+04	6397.10
229	70	-4593.84	6.118e+04	0.01	-0.64	0.0	-3170.60	-1562.23	50.15	2.379e+04	6.118e+04	-5004.43
		-2.392e+04	5.722e+04	1.12e-04		24.5	-3170.60	2.56	50.15	2.212e+04	5.920e+04	-2.392e+04
						49.0	-3170.60	1309.97	50.15	2.057e+04	5.722e+04	-4593.84
229	75	9097.35	-4.530e+04	-0.01	-0.79	0.0	-183.88	-1196.06	51.23	2264.28	-4.530e+04	5267.58
		-8388.85	-4.569e+04	2.71e-04		24.5	-183.88	87.24	51.23	2800.81	-4.550e+04	-8383.99

229	81	2726.96	6004.08	-1.66e-03	-0.74	49.0	-183.88	1572.07	51.23	3299.52	-4.569e+04	9097.35
		-1.737e+04	2735.11	1.46e-04		0.0	-1660.32	-1455.17	-66.71	1.600e+04	6004.08	-410.54
						24.5	-1660.32	67.42	-66.71	1.537e+04	4369.59	-1.737e+04
229	82	2734.82	6014.76	-1.67e-03	-0.75	49.0	-1660.32	1569.66	-66.71	1.477e+04	2735.11	2726.96
		-1.770e+04	2664.62	1.50e-04		0.0	-1646.23	-1486.78	-68.37	1.627e+04	6014.76	-341.80
						24.5	-1646.23	66.20	-68.37	1.563e+04	4339.69	-1.770e+04
229	83	1923.74	4239.23	-1.58e-03	-0.71	49.0	-1646.23	1598.69	-68.37	1.502e+04	2664.62	2734.82
		-1.627e+04	872.97	1.73e-04		0.0	-1629.25	-1413.17	-68.70	1.346e+04	4239.23	639.15
						24.5	-1629.25	29.44	-68.70	1.289e+04	2556.10	-1.627e+04
229	87	2317.49	5110.98	-1.61e-03	-0.71	49.0	-1629.25	1452.71	-68.70	1.235e+04	872.97	1923.74
		-1.649e+04	1874.53	1.57e-04		0.0	-1658.88	-1402.56	-66.05	1.446e+04	5110.98	45.56
						24.5	-1658.88	49.65	-66.05	1.387e+04	3492.75	-1.649e+04
229	88	1911.17	4222.15	-1.56e-03	-0.69	49.0	-1658.88	1482.15	-66.05	1.331e+04	1874.53	2317.49
		-1.574e+04	985.76	1.68e-04		0.0	-1651.80	-1362.59	-66.05	1.303e+04	4222.15	529.16
						24.5	-1651.80	31.39	-66.05	1.247e+04	2603.95	-1.574e+04
229	91	1908.02	4217.88	-1.56e-03	-0.68	49.0	-1651.80	1406.25	-66.05	1.195e+04	985.76	1911.17
		-1.560e+04	1013.95	1.67e-04		0.0	-1657.44	-1349.94	-65.39	1.292e+04	4217.88	501.67
						24.5	-1657.44	31.88	-65.39	1.237e+04	2615.91	-1.560e+04
229	92	2153.71	4753.74	-1.59e-03	-0.70	49.0	-1657.44	1394.64	-65.39	1.185e+04	1013.95	1908.02
		-1.613e+04	1530.30	1.61e-04		0.0	-1658.30	-1381.51	-65.78	1.384e+04	4753.74	228.01
						24.5	-1658.30	42.54	-65.78	1.327e+04	3142.02	-1.613e+04
230	3	6542.95	1.090e+04	2.41e-03	-1.01	49.0	-1658.30	1447.15	-65.78	1.272e+04	1530.30	2153.71
		-2.253e+04	8300.11	1.66e-04		0.0	-2121.44	-2228.29	-52.99	2.120e+04	1.090e+04	6542.95
						24.5	-2121.44	-145.93	-52.99	2.025e+04	9598.43	-2.248e+04
230	4	7339.39	1.100e+04	2.43e-03	-1.03	49.0	-2121.44	1906.83	-52.99	1.935e+04	8300.11	-849.35
		-2.268e+04	8306.27	1.71e-04		0.0	-2092.25	-2288.48	-54.95	2.151e+04	1.100e+04	7339.39
						24.5	-2092.25	-160.03	-54.95	2.055e+04	9652.57	-2.259e+04
230	5	7855.53	5814.92	1.66e-03	-0.69	49.0	-2092.25	1938.56	-54.95	1.964e+04	8306.27	-746.20
		-1.301e+04	3877.66	1.61e-04		0.0	-1602.10	-1548.86	-39.54	1.154e+04	5814.92	7855.53
						24.5	-1602.10	-143.88	-39.54	1.095e+04	4846.29	-1.284e+04
230	9	1.117e+04	8285.48	2.25e-03	-0.96	49.0	-1602.10	1240.67	-39.54	1.039e+04	3877.66	638.35
		-1.814e+04	5561.59	2.12e-04		0.0	-2040.20	-2167.31	-55.59	1.661e+04	8285.48	1.117e+04
						24.5	-2040.20	-208.58	-55.59	1.578e+04	6923.53	-1.788e+04
230	12	9448.41	6019.12	1.70e-03	-0.73	49.0	-2040.20	1722.52	-55.59	1.498e+04	5561.59	725.20
		-1.331e+04	3890.00	1.71e-04		0.0	-1543.72	-1669.23	-43.45	1.217e+04	6019.12	9448.41
						24.5	-1543.72	-172.10	-43.45	1.155e+04	4954.56	-1.306e+04
230	31	1.216e+04	-3.782e+04	-0.01	-0.80	49.0	-1543.72	1304.12	-43.45	1.095e+04	3890.00	844.65
		-8540.58	-3.911e+04	2.89e-04		0.0	-319.44	-1490.63	-136.60	5938.55	-3.782e+04	1.216e+04
						24.5	-319.44	-106.19	-136.60	6093.01	-3.846e+04	-8310.26
230	33	1.143e+04	-4.050e+04	-0.01	-0.79	49.0	-319.44	1445.87	-136.60	6162.82	-3.911e+04	4233.96
		-8800.40	-4.305e+04	2.77e-04		0.0	-520.21	-1514.36	-102.16	6452.88	-4.050e+04	1.143e+04
						24.5	-520.21	-122.91	-102.16	6640.47	-4.178e+04	-8605.90
230	34	1781.63	5.103e+04	0.01	-0.66	49.0	-520.21	1437.04	-102.16	6750.25	-4.305e+04	4060.34
		-2.017e+04	4.840e+04	1.26e-05		0.0	-2907.69	-1708.69	56.76	2.008e+04	5.103e+04	1781.63
						24.5	-2907.69	-161.99	56.76	1.866e+04	4.972e+04	-2.013e+04
230	36	2336.72	5.403e+04	0.01	-0.67	49.0	-2907.69	1174.74	56.76	1.738e+04	4.840e+04	-3774.96
		-1.986e+04	5.173e+04	1.07e-04		0.0	-2734.93	-1682.99	31.83	1.938e+04	5.403e+04	2336.72
						24.5	-2734.93	-146.51	31.83	1.794e+04	5.288e+04	-1.982e+04
230	38	1961.40	5.072e+04	0.01	-0.66	49.0	-2734.93	1182.08	31.83	1.664e+04	5.173e+04	-3486.55
		-2.021e+04	4.902e+04	-6.99e-05		0.0	-2879.68	-1710.66	47.26	2.026e+04	5.072e+04	1961.40
						24.5	-2879.68	-160.75	47.26	1.883e+04	4.987e+04	-2.014e+04
230	63	1.357e+04	-4.983e+04	-0.01	-0.82	49.0	-2879.68	1176.24	47.26	1.753e+04	4.902e+04	-3889.75
		-6970.06	-5.093e+04	3.26e-04		0.0	30.25	-1461.17	-162.73	4027.86	-4.983e+04	1.357e+04
						24.5	30.25	-98.65	-162.73	4395.34	-5.038e+04	-6713.23
230	65	1.263e+04	-5.323e+04	-0.01	-0.81	49.0	30.25	1482.50	-162.73	4647.57	-5.093e+04	5315.80
		-7299.39	-5.594e+04	3.12e-04		0.0	-224.74	-1491.31	-118.99	4681.00	-5.323e+04	1.263e+04
						24.5	-224.74	-119.89	-118.99	5090.61	-5.459e+04	-7088.13
230	66	378.86	6.304e+04	0.01	-0.66	49.0	-224.74	1471.30	-118.99	5393.66	-5.594e+04	5095.83
		-2.174e+04	6.023e+04	-3.16e-05		0.0	-3257.38	-1738.15	82.89	2.199e+04	6.304e+04	378.86
						24.5	-3257.38	-169.53	82.89	2.036e+04	6.163e+04	-2.173e+04
230	68	1083.74	6.685e+04	0.01	-0.66	49.0	-3257.38	1138.11	82.89	1.889e+04	6.023e+04	-4856.80
		-2.135e+04	6.445e+04	9.46e-05		0.0	-3037.95	-1705.50	51.22	2.111e+04	6.685e+04	1083.74
						24.5	-3037.95	-149.87	51.22	1.945e+04	6.565e+04	-2.134e+04
230	70	607.27	6.264e+04	0.01	-0.66	49.0	-3037.95	1147.42	51.22	1.795e+04	6.445e+04	-4490.85
		-2.179e+04	6.101e+04	-1.30e-04		0.0	-3221.82	-1740.66	70.82	2.222e+04	6.264e+04	607.27
						24.5	-3221.82	-167.95	70.82	2.057e+04	6.183e+04	-2.174e+04
230	79	7579.99	6041.83	1.69e-03	-0.70	49.0	-3221.82	1140.01	70.82	1.909e+04	6.101e+04	-5002.77
		-1.342e+04	4098.66	1.58e-04		0.0	-1608.99	-1563.39	-39.66	1.197e+04	6041.83	7579.99
						24.5	-1608.99	-140.98	-39.66	1.136e+04	5070.24	-1.326e+04
230	81	5556.32	7918.82	1.82e-03	-0.76	49.0	-1608.99	1260.76	-39.66	1.078e+04	4098.66	503.15
		-1.654e+04	5932.56	1.34e-04		0.0	-1624.23	-1684.29	-40.54	1.544e+04	7918.82	5556.32
						24.5	-1624.23	-118.02	-40.54	1.474e+04	6925.69	-1.648e+04
230	82	6087.28	7986.88	1.83e-03	-0.77	49.0	-1624.23	1425.93	-40.54	1.407e+04	5932.56	-409.01
		-1.664e+04	5936.67	1.37e-04		0.0	-1604.77	-1724.42	-41.84	1.565e+04	7986.88	6087.28
						24.5	-1604.77	-127.42	-41.84	1.494e+04	6961.78	-1.655e+04
230	83	8641.92	6177.96	1.71e-03	-0.73	49.0	-1604.77	1447.08	-41.84	1.426e+04	5936.67	-340.25
						0.0	-1570.07	-1643.64	-42.27	1.239e+04	6177.96	8641.92

		-1.361e+04	4106.88	1.65e-04			24.5	-1570.07	-159.79	-42.27	1.176e+04	5142.42	-1.341e+04
							49.0	-1570.07	1303.06	-42.27	1.116e+04	4106.88	640.69
230	86	7579.99	6041.83	1.69e-03	-0.70		0.0	-1608.99	-1563.39	-39.66	1.197e+04	6041.83	7579.99
		-1.342e+04	4098.66	1.58e-04			24.5	-1608.99	-140.98	-39.66	1.136e+04	5070.24	-1.326e+04
							49.0	-1608.99	1260.76	-39.66	1.078e+04	4098.66	503.15
230	87	6568.16	6980.32	1.75e-03	-0.73		0.0	-1616.61	-1623.84	-40.10	1.371e+04	6980.32	6568.16
		-1.498e+04	5015.61	1.46e-04			24.5	-1616.61	-129.50	-40.10	1.305e+04	5997.96	-1.487e+04
							49.0	-1616.61	1343.34	-40.10	1.243e+04	5015.61	47.07
230	88	7792.38	6069.05	1.69e-03	-0.71		0.0	-1601.21	-1579.44	-40.18	1.205e+04	6069.05	7792.38
		-1.346e+04	4100.30	1.59e-04			24.5	-1601.21	-144.74	-40.18	1.144e+04	5084.68	-1.329e+04
							49.0	-1601.21	1269.22	-40.18	1.086e+04	4100.30	530.66
230	91	7579.99	6041.83	1.69e-03	-0.70		0.0	-1608.99	-1563.39	-39.66	1.197e+04	6041.83	7579.99
		-1.342e+04	4098.66	1.58e-04			24.5	-1608.99	-140.98	-39.66	1.136e+04	5070.24	-1.326e+04
							49.0	-1608.99	1260.76	-39.66	1.078e+04	4098.66	503.15
230	92	6972.89	6604.92	1.73e-03	-0.72		0.0	-1613.56	-1599.66	-39.92	1.301e+04	6604.92	6972.89
		-1.435e+04	4648.83	1.51e-04			24.5	-1613.56	-134.09	-39.92	1.238e+04	5626.88	-1.422e+04
							49.0	-1613.56	1310.31	-39.92	1.177e+04	4648.83	229.50
231	3	9230.18	1.201e+04	2.06e-03	-1.03		0.0	-2076.30	-1806.95	-30.59	2.110e+04	1.201e+04	9230.18
		-9442.26	1.079e+04	1.18e-04			20.0	-2076.30	-63.76	-30.59	2.026e+04	1.140e+04	-9442.26
							40.0	-2076.30	1658.82	-30.59	1.945e+04	1.079e+04	6542.44
231	4	1.067e+04	1.217e+04	2.07e-03	-1.05		0.0	-2039.56	-1860.97	-32.42	2.135e+04	1.217e+04	1.067e+04
		-8701.74	1.088e+04	1.22e-04			20.0	-2039.56	-79.86	-32.42	2.050e+04	1.152e+04	-8701.74
							40.0	-2039.56	1680.49	-32.42	1.968e+04	1.088e+04	7338.87
231	5	1.161e+04	6612.15	1.39e-03	-0.71		0.0	-1557.02	-1267.84	-24.02	1.096e+04	6612.15	1.161e+04
		-2006.53	5651.42	1.22e-04			20.0	-1557.02	-91.58	-24.02	1.044e+04	6131.79	-1960.20
							40.0	-1557.02	1070.81	-24.02	9935.50	5651.42	7855.21
231	9	1.698e+04	9453.29	1.88e-03	-0.98		0.0	-1968.82	-1780.79	-34.74	1.582e+04	9453.29	1.698e+04
		-2318.01	8063.64	1.60e-04			20.0	-1968.82	-142.11	-34.74	1.509e+04	8758.47	-2217.19
							40.0	-1968.82	1477.80	-34.74	1.438e+04	8063.64	1.117e+04
231	12	1.449e+04	6937.98	1.41e-03	-0.75		0.0	-1483.55	-1375.86	-27.68	1.146e+04	6937.98	1.449e+04
		-594.21	5830.69	1.30e-04			20.0	-1483.55	-123.79	-27.68	1.091e+04	6384.33	-479.17
							40.0	-1483.55	1114.16	-27.68	1.038e+04	5830.69	9448.08
231	31	1.817e+04	-3.649e+04	-0.01	-0.81		0.0	-284.36	-1260.44	-124.55	5992.72	-3.649e+04	1.817e+04
		3557.95	-3.794e+04	3.05e-04			20.0	-284.36	10.00	-124.55	6021.77	-3.721e+04	3746.42
							40.0	-284.36	1321.58	-124.55	5974.55	-3.794e+04	1.216e+04
231	34	2238.71	5.133e+04	0.01	-0.68		0.0	-2859.08	-1350.28	76.84	1.916e+04	5.133e+04	2238.71
		-1.096e+04	5.087e+04	-7.93e-05			20.0	-2859.08	-166.74	76.84	1.802e+04	5.110e+04	-1.096e+04
							40.0	-2859.08	946.65	76.84	1.699e+04	5.087e+04	1781.30
231	35	1.837e+04	-3.563e+04	-0.01	-0.81		0.0	-314.45	-1262.74	-113.77	5795.73	-3.563e+04	1.837e+04
		3641.26	-3.763e+04	2.99e-04			20.0	-314.45	10.29	-113.77	5835.87	-3.663e+04	3874.25
							40.0	-314.45	1324.57	-113.77	5800.39	-3.763e+04	1.198e+04
231	36	3046.30	5.431e+04	0.01	-0.68		0.0	-2607.54	-1323.72	50.50	1.839e+04	5.431e+04	3046.30
		-1.058e+04	5.388e+04	-7.07e-05			20.0	-2607.54	-135.50	50.50	1.723e+04	5.410e+04	-1.058e+04
							40.0	-2607.54	984.58	50.50	1.618e+04	5.388e+04	2336.40
231	37	1.736e+04	-3.947e+04	-0.01	-0.81		0.0	-535.90	-1286.99	-98.21	6770.41	-3.947e+04	1.736e+04
		3196.26	-4.095e+04	2.96e-04			20.0	-535.90	-21.23	-98.21	6814.08	-4.021e+04	3363.15
							40.0	-535.90	1283.65	-98.21	6785.13	-4.095e+04	1.161e+04
231	38	2033.49	5.056e+04	0.01	-0.67		0.0	-2828.98	-1347.97	66.06	1.936e+04	5.047e+04	2033.49
		-1.109e+04	5.047e+04	-7.39e-05			20.0	-2828.98	-167.03	66.06	1.821e+04	5.051e+04	-1.109e+04
							40.0	-2828.98	943.66	66.06	1.717e+04	5.056e+04	1961.07
231	63	2.032e+04	-4.836e+04	-0.01	-0.84		0.0	63.51	-1248.29	-151.77	4213.05	-4.836e+04	2.032e+04
		5495.67	-4.994e+04	3.57e-04			20.0	63.51	33.87	-151.77	4400.46	-4.915e+04	5733.51
							40.0	63.51	1372.23	-151.77	4485.98	-4.994e+04	1.357e+04
231	66	378.42	6.320e+04	0.01	-0.67		0.0	-3206.95	-1362.43	104.05	2.094e+04	6.320e+04	86.67
		-1.295e+04	6.287e+04	-1.31e-04			20.0	-3206.95	-190.61	104.05	1.964e+04	6.303e+04	-1.295e+04
							40.0	-3206.95	896.00	104.05	1.848e+04	6.287e+04	378.42
231	67	2.058e+04	-4.726e+04	-0.01	-0.84		0.0	25.29	-1251.22	-138.07	3962.80	-4.726e+04	2.058e+04
		5601.68	-4.955e+04	3.50e-04			20.0	25.29	34.24	-138.07	4164.30	-4.841e+04	5896.17
							40.0	25.29	1376.03	-138.07	4264.74	-4.955e+04	1.334e+04
231	68	1112.05	6.698e+04	0.01	-0.67		0.0	-2887.45	-1328.69	70.59	1.996e+04	6.698e+04	1112.05
		-1.247e+04	6.670e+04	-1.20e-04			20.0	-2887.45	-150.94	70.59	1.864e+04	6.684e+04	-1.247e+04
							40.0	-2887.45	944.17	70.59	1.745e+04	6.670e+04	1083.30
231	69	1.930e+04	-5.214e+04	-0.01	-0.83		0.0	-255.99	-1282.03	-118.30	5200.82	-5.214e+04	1.930e+04
		5037.02	-5.377e+04	3.46e-04			20.0	-255.99	-5.80	-118.30	5406.81	-5.295e+04	5247.50
							40.0	-255.99	1324.06	-118.30	5515.55	-5.377e+04	1.286e+04
231	70	606.83	6.248e+04	0.01	-0.67		0.0	-3168.73	-1359.50	90.35	2.119e+04	6.210e+04	-174.12
		-1.311e+04	6.210e+04	-1.24e-04			20.0	-3168.73	-190.98	90.35	1.988e+04	6.229e+04	-1.311e+04
							40.0	-3168.73	892.20	90.35	1.870e+04	6.248e+04	606.83
231	79	1.118e+04	6843.31	1.41e-03	-0.72		0.0	-1564.92	-1278.52	-23.95	1.142e+04	6843.31	1.118e+04
		-2494.29	5885.13	1.20e-04			20.0	-1564.92	-87.60	-23.95	1.089e+04	6364.22	-2460.19
							40.0	-1564.92	1089.24	-23.95	1.038e+04	5885.13	7579.69
231	81	7932.66	8764.91	1.55e-03	-0.78		0.0	-1587.59	-1367.98	-23.63	1.528e+04	8764.91	7932.66
		-6289.54	7819.81	9.65e-05			20.0	-1587.59	-56.84	-23.63	1.466e+04	8292.36	-6289.54
							40.0	-1587.59	1238.82	-23.63	1.406e+04	7819.81	5555.93
231	82	8893.71	8873.52	1.56e-03	-0.79		0.0	-1563.10	-1403.99	-24.85	1.544e+04	8873.52	8893.71
		-5795.87	7879.56	9.91e-05			20.0	-1563.10	-67.58	-24.85	1.481e+04	8376.54	-5795.87
							40.0	-1563.10	1253.27	-24.85	1.421e+04	7879.56	6086.88

231	83	1.310e+04 -1552.74	7060.53 6004.64	1.42e-03 1.25e-04	-0.74	0.0 20.0 40.0	-1515.94 -1515.94 -1515.94	-1350.54 -109.07 1118.14	-26.40 -26.40 -26.40	1.176e+04 1.121e+04 1.068e+04	7060.53 6532.58 6004.64	1.310e+04 -1472.83 8641.60
231	86	1.118e+04 -2494.29	6843.31 5885.13	1.41e-03 1.20e-04	-0.72	0.0 20.0 40.0	-1564.92 -1564.92 -1564.92	-1278.52 -87.60 1089.24	-23.95 -23.95 -23.95	1.142e+04 1.089e+04 1.038e+04	6843.31 6364.22 5885.13	1.118e+04 -2460.19 7579.69
231	87	9555.06 -4374.87	7804.11 6852.47	1.48e-03 1.08e-04	-0.75	0.0 20.0 40.0	-1576.25 -1576.25 -1576.25	-1323.25 -72.22 1164.03	-23.79 -23.79 -23.79	1.335e+04 1.277e+04 1.222e+04	7804.11 7328.29 6852.47	9555.06 -4374.87 6567.81
231	88	1.156e+04 -2305.98	6886.75 5909.03	1.41e-03 1.21e-04	-0.72	0.0 20.0 40.0	-1555.12 -1555.12 -1555.12	-1292.92 -91.89 1095.02	-24.44 -24.44 -24.44	1.149e+04 1.096e+04 1.044e+04	6886.75 6397.89 5909.03	1.156e+04 -2262.72 7792.07
231	91	1.118e+04 -2494.29	6843.31 5885.13	1.41e-03 1.20e-04	-0.72	0.0 20.0 40.0	-1564.92 -1564.92 -1564.92	-1278.52 -87.60 1089.24	-23.95 -23.95 -23.95	1.142e+04 1.089e+04 1.038e+04	6843.31 6364.22 5885.13	1.118e+04 -2460.19 7579.69
231	92	1.020e+04 -3614.43	7419.79 6465.53	1.45e-03 1.13e-04	-0.73	0.0 20.0 40.0	-1571.72 -1571.72 -1571.72	-1305.36 -78.37 1134.11	-23.86 -23.86 -23.86	1.258e+04 1.202e+04 1.148e+04	7419.79 6942.66 6465.53	1.020e+04 -3609.00 6972.56
232	3	9229.49 -1.629e+04	1.261e+04 1.198e+04	2.11e-03 1.01e-04	-1.06	0.0 20.0 40.0	-1836.98 -1836.98 -1836.98	-1427.03 358.04 2122.02	-15.75 -15.75 -15.75	2.162e+04 2.072e+04 1.985e+04	1.261e+04 1.230e+04 1.198e+04	-4951.60 -1.561e+04 9229.49
232	4	1.067e+04 -1.499e+04	1.284e+04 1.214e+04	2.11e-03 1.04e-04	-1.07	0.0 20.0 40.0	-1790.29 -1790.29 -1790.29	-1473.39 349.67 2151.63	-17.67 -17.67 -17.67	2.183e+04 2.092e+04 2.003e+04	1.284e+04 1.249e+04 1.214e+04	-3175.09 -1.438e+04 1.067e+04
232	5	1.161e+04 -4410.69	7110.39 6515.54	1.37e-03 1.13e-04	-0.72	0.0 20.0 40.0	-1390.35 -1390.35 -1390.35	-1013.24 190.46 1380.47	-14.87 -14.87 -14.87	1.082e+04 1.027e+04 9738.06	7110.39 6812.96 6515.54	4083.23 -4121.64 1.161e+04
232	9	1.698e+04 -4963.80	1.023e+04 9324.87	1.84e-03 1.47e-04	-1.00	0.0 20.0 40.0	-1728.72 -1728.72 -1728.72	-1426.73 248.94 1906.19	-22.51 -22.51 -22.51	1.567e+04 1.489e+04 1.414e+04	1.023e+04 9775.08 9324.87	7145.07 -4601.95 1.698e+04
232	12	1.449e+04 -1898.64	7572.42 6823.61	1.37e-03 1.20e-04	-0.76	0.0 20.0 40.0	-1296.96 -1296.96 -1296.96	-1105.96 173.72 1439.68	-18.72 -18.72 -18.72	1.124e+04 1.066e+04 1.010e+04	7572.42 7198.01 6823.61	7636.26 -1663.32 1.449e+04
232	31	1.817e+04 6110.49	-3.404e+04 -3.655e+04	-0.01 3.62e-04	-0.83	0.0 20.0 40.0	-133.87 -133.87 -133.87	-953.36 403.43 1748.21	-128.32 -128.32 -128.32	6221.27 6180.21 6048.72	-3.404e+04 -3.530e+04 -3.655e+04	1.694e+04 6110.49 1.817e+04
232	34	2238.25 -2.041e+04	5.124e+04 4.985e+04	0.01 -1.58e-04	-0.69	0.0 20.0 40.0	-2665.52 -2665.52 -2665.52	-1124.92 30.15 1168.28	100.33 100.33 100.33	1.900e+04 1.785e+04 1.683e+04	4.985e+04 5.055e+04 5.124e+04	-1.369e+04 -1.925e+04 2238.25
232	35	1.837e+04 6343.52	-3.309e+04 -3.569e+04	-0.01 3.59e-04	-0.83	0.0 20.0 40.0	-163.92 -163.92 -163.92	-956.46 402.96 1750.43	-116.22 -116.22 -116.22	5981.85 5949.32 5827.13	-3.309e+04 -3.439e+04 -3.569e+04	1.714e+04 6343.52 1.837e+04
232	36	3045.84 -1.758e+04	5.424e+04 5.330e+04	0.01 -1.46e-04	-0.69	0.0 20.0 40.0	-2350.82 -2350.82 -2350.82	-1045.74 111.17 1252.81	71.94 71.94 71.94	1.814e+04 1.698e+04 1.595e+04	5.330e+04 5.377e+04 5.424e+04	-9665.85 -1.682e+04 3045.84
232	37	1.736e+04 3576.96	-3.749e+04 -3.954e+04	-0.01 3.49e-04	-0.83	0.0 20.0 40.0	-448.57 -448.57 -448.57	-1032.54 322.42 1663.68	-99.94 -99.94 -99.94	7079.41 7048.88 6931.69	-3.749e+04 -3.852e+04 -3.954e+04	1.292e+04 3679.39 1.736e+04
232	46	2100.97 -2.092e+04	4.864e+04 4.854e+04	0.01 -1.77e-04	-0.68	0.0 20.0 40.0	-2585.21 -2585.21 -2585.21	-1134.70 16.40 1153.04	74.04 74.04 74.04	2.048e+04 1.920e+04 1.800e+04	4.864e+04 4.859e+04 4.854e+04	-1.439e+04 -1.969e+04 2100.97
232	63	2.108e+04 9537.12	-4.538e+04 -4.842e+04	-0.01 4.32e-04	-0.86	0.0 20.0 40.0	208.19 208.19 208.19	-930.18 453.86 1826.56	-159.21 -159.21 -159.21	4494.64 4602.97 4591.43	-4.538e+04 -4.690e+04 -4.842e+04	2.108e+04 9537.12 2.032e+04
232	66	85.97 -2.412e+04	6.311e+04 6.119e+04	0.02 -2.29e-04	-0.68	0.0 20.0 40.0	-3007.57 -3007.57 -3007.57	-1148.10 -20.27 1089.93	131.22 131.22 131.22	2.073e+04 1.943e+04 1.829e+04	6.119e+04 6.215e+04 6.311e+04	-1.783e+04 -2.268e+04 85.97
232	68	1111.36 -2.047e+04	6.691e+04 6.557e+04	0.01 -2.12e-04	-0.68	0.0 20.0 40.0	-2607.84 -2607.84 -2607.84	-1047.52 82.63 1197.29	95.17 95.17 95.17	1.964e+04 1.833e+04 1.717e+04	6.557e+04 6.624e+04 6.691e+04	-1.272e+04 -1.959e+04 1111.36
232	69	1.930e+04 6413.04	-4.976e+04 -5.221e+04	-0.01 4.16e-04	-0.85	0.0 20.0 40.0	-191.55 -191.55 -191.55	-1030.76 350.96 1719.20	-123.16 -123.16 -123.16	5584.65 5706.36 5712.99	-4.976e+04 -5.099e+04 -5.221e+04	1.597e+04 6449.44 1.930e+04
232	75	2.198e+04 1.010e+04	-4.384e+04 -4.498e+04	-0.01 4.57e-04	-0.86	0.0 20.0 40.0	106.19 106.19 106.19	-917.77 471.34 1845.92	-125.83 -125.83 -125.83	2616.65 2892.43 3108.82	-4.384e+04 -4.441e+04 -4.498e+04	2.198e+04 1.010e+04 2.050e+04
232	78	-88.45 -2.481e+04	5.967e+04 5.966e+04	0.02 -2.53e-04	-0.68	0.0 20.0 40.0	-2905.57 -2905.57 -2905.57	-1160.52 -37.75 1070.57	97.83 97.83 97.83	2.260e+04 2.114e+04 1.977e+04	5.966e+04 5.966e+04 5.967e+04	-1.872e+04 -2.324e+04 -88.45
232	79	1.118e+04 -5168.06	7336.38 6753.19	1.40e-03 1.10e-04	-0.73	0.0 20.0 40.0	-1396.72 -1396.72 -1396.72	-1020.54 198.32 1403.24	-14.58 -14.58 -14.58	1.134e+04 1.077e+04 1.023e+04	7336.38 7044.78 6753.19	3337.08 -4861.70 1.118e+04
232	81	7932.14 -1.102e+04	9234.87 8729.46	1.58e-03 8.37e-05	-0.80	0.0 20.0 40.0	-1406.64 -1406.64 -1406.64	-1082.55 259.89 1586.60	-12.64 -12.64 -12.64	1.558e+04 1.492e+04 1.427e+04	9234.87 8982.17 8729.46	-2358.69 -1.056e+04 7932.14
232	82	8893.19 -1.016e+04	9388.88 8832.15	1.58e-03 8.61e-05	-0.81	0.0 20.0	-1375.51 -1375.51	-1113.46 254.31	-13.92 -13.92	1.572e+04 1.505e+04	9388.88 9110.52	-1174.35 -9739.27

232	83	1.310e+04	7644.39	1.40e-03	-0.76	40.0	-1375.51	1606.34	-13.92	1.439e+04	8832.15	8893.19
		-3493.36	6958.57	1.15e-04		0.0	-1334.46	-1082.35	-17.15	1.161e+04	7644.39	5705.76
						20.0	-1334.46	187.16	-17.15	1.103e+04	7301.48	-3222.82
232	86	1.118e+04	7336.38	1.40e-03	-0.73	40.0	-1334.46	1442.71	-17.15	1.047e+04	6958.57	1.310e+04
		-5168.06	6753.19	1.10e-04		0.0	-1396.72	-1020.54	-14.58	1.134e+04	7336.38	3337.08
						20.0	-1396.72	198.32	-14.58	1.077e+04	7044.78	-4861.70
232	87	9554.58	8285.62	1.49e-03	-0.76	40.0	-1396.72	1403.24	-14.58	1.023e+04	6753.19	1.118e+04
		-8083.94	7741.32	9.67e-05		0.0	-1401.68	-1051.55	-13.61	1.346e+04	8285.62	489.20
						20.0	-1401.68	229.11	-13.61	1.285e+04	8013.47	-7710.21
232	88	1.156e+04	7397.98	1.40e-03	-0.74	40.0	-1401.68	1494.92	-13.61	1.225e+04	7741.32	9554.58
		-4833.12	6794.26	1.11e-04		0.0	-1384.27	-1032.90	-15.09	1.139e+04	7397.98	3810.82
						20.0	-1384.27	196.09	-15.09	1.083e+04	7096.12	-4533.92
232	91	1.118e+04	7336.38	1.40e-03	-0.73	40.0	-1384.27	1411.13	-15.09	1.028e+04	6794.26	1.156e+04
		-5168.06	6753.19	1.10e-04		0.0	-1396.72	-1020.54	-14.58	1.134e+04	7336.38	3337.08
						20.0	-1396.72	198.32	-14.58	1.077e+04	7044.78	-4861.70
232	92	1.020e+04	7905.92	1.45e-03	-0.75	40.0	-1396.72	1403.24	-14.58	1.023e+04	6753.19	1.118e+04
		-6917.59	7346.07	1.02e-04		0.0	-1399.69	-1039.14	-14.00	1.261e+04	7905.92	1628.35
						20.0	-1399.69	216.79	-14.00	1.202e+04	7626.00	-6570.80
233	1	3476.19	1.021e+04	-1.87e-03	-0.98	40.0	-1399.69	1458.25	-14.00	1.144e+04	7346.07	1.020e+04
		-3.236e+04	9681.65	1.21e-04		0.0	-1632.17	-737.33	-13.60	1.563e+04	1.021e+04	-2.907e+04
						19.3	-1632.17	844.76	-13.60	1.487e+04	9944.64	-2.800e+04
233	3	-5088.90	1.289e+04	-2.22e-03	-1.08	38.7	-1632.17	2408.82	-13.60	1.413e+04	9681.65	3476.19
		-4.675e+04	1.262e+04	7.96e-05		0.0	-1621.61	-768.26	-7.13	2.263e+04	1.289e+04	-4.359e+04
						19.3	-1621.61	999.33	-7.13	2.169e+04	1.276e+04	-4.132e+04
233	4	-3311.53	1.320e+04	-2.21e-03	-1.10	38.7	-1621.61	2745.53	-7.13	2.079e+04	1.262e+04	-5088.90
		-4.542e+04	1.284e+04	8.28e-05		0.0	-1567.68	-797.91	-9.41	2.281e+04	1.320e+04	-4.208e+04
						19.3	-1567.68	1006.24	-9.41	2.186e+04	1.302e+04	-4.003e+04
233	5	3997.80	7481.36	-1.38e-03	-0.74	38.7	-1567.68	2789.11	-9.41	2.094e+04	1.284e+04	-3311.53
		-2.271e+04	7035.20	9.92e-05		0.0	-1247.95	-563.28	-11.54	1.103e+04	7481.36	-2.015e+04
						19.3	-1247.95	626.70	-11.54	1.046e+04	7258.28	-1.951e+04
233	12	7552.54	8103.58	-1.36e-03	-0.78	38.7	-1247.95	1803.37	-11.54	9918.41	7035.20	3997.80
		-2.008e+04	7481.07	1.06e-04		0.0	-1140.10	-622.60	-16.10	1.139e+04	8103.58	-1.713e+04
						19.3	-1140.10	640.51	-16.10	1.080e+04	7792.33	-1.693e+04
233	14	1556.98	9983.38	-1.60e-03	-0.85	38.7	-1140.10	1890.54	-16.10	1.022e+04	7481.07	7552.54
		-3.014e+04	9536.12	7.64e-05		0.0	-1132.71	-644.25	-11.57	1.628e+04	9983.38	-2.729e+04
						19.3	-1132.71	748.71	-11.57	1.557e+04	9759.75	-2.626e+04
233	31	1.688e+04	-3.026e+04	-0.01	-0.86	38.7	-1132.71	2126.23	-11.57	1.488e+04	9536.12	1556.98
		-2825.79	-3.408e+04	4.00e-04		0.0	-17.61	-399.04	-149.41	6753.10	-3.026e+04	1842.36
						19.3	-17.61	951.75	-149.41	6660.02	-3.217e+04	-1526.65
233	34	-1.381e+04	4.979e+04	0.01	-0.69	38.7	-17.61	2286.23	-149.41	6473.39	-3.408e+04	1.688e+04
		-5.157e+04	4.672e+04	-2.25e-04		0.0	-2482.62	-744.30	130.14	1.923e+04	4.672e+04	-5.045e+04
						19.3	-2482.62	389.60	130.14	1.810e+04	4.826e+04	-4.512e+04
233	36	-9792.03	5.325e+04	0.01	-0.70	38.7	-2482.62	1511.23	130.14	1.710e+04	4.979e+04	-1.381e+04
		-4.384e+04	5.106e+04	-2.11e-04		0.0	-2115.83	-627.43	99.08	1.827e+04	5.106e+04	-4.193e+04
						19.3	-2115.83	506.04	99.08	1.714e+04	5.215e+04	-3.885e+04
233	37	1.287e+04	-3.460e+04	-0.01	-0.85	38.7	-2115.83	1628.43	99.08	1.614e+04	5.325e+04	-9792.03
		-9970.48	-3.754e+04	3.86e-04		0.0	-384.40	-515.91	-118.35	7705.71	-3.460e+04	-6677.69
						19.3	-384.40	835.32	-118.35	7616.80	-3.607e+04	-7796.07
233	43	1.759e+04	-3.086e+04	-0.01	-0.85	38.7	-384.40	2169.03	-118.35	7438.02	-3.754e+04	1.287e+04
		-1567.41	-3.281e+04	4.20e-04		0.0	-97.96	-381.71	-110.45	5311.11	-3.086e+04	3329.72
						19.3	-97.96	971.83	-110.45	5366.02	-3.183e+04	-412.60
233	46	-1.451e+04	4.852e+04	0.01	-0.69	38.7	-97.96	2308.08	-110.45	5376.25	-3.281e+04	1.759e+04
		-5.297e+04	4.732e+04	-2.45e-04		0.0	-2402.26	-761.63	91.18	2.067e+04	4.732e+04	-5.194e+04
						19.3	-2402.26	369.53	91.18	1.939e+04	4.792e+04	-4.623e+04
233	63	2.103e+04	-4.067e+04	-0.02	-0.88	38.7	-2402.26	1489.38	91.18	1.820e+04	4.852e+04	-1.451e+04
		3504.27	-4.542e+04	4.84e-04		0.0	315.45	-352.38	-187.18	5067.65	-4.067e+04	8907.91
						19.3	315.45	1027.71	-187.18	5114.17	-4.304e+04	4363.22
233	66	-1.795e+04	6.113e+04	0.02	-0.68	38.7	315.45	2390.95	-187.18	5037.04	-4.542e+04	2.103e+04
		-5.840e+04	5.712e+04	-3.09e-04		0.0	-2815.68	-790.95	167.91	2.091e+04	5.712e+04	-5.752e+04
						19.3	-2815.68	313.64	167.91	1.965e+04	5.913e+04	-5.101e+04
233	68	-1.285e+04	6.552e+04	0.02	-0.69	38.7	-2815.68	1406.51	167.91	1.854e+04	6.113e+04	-1.795e+04
		-4.846e+04	6.263e+04	-2.92e-04		0.0	-2349.77	-642.51	128.46	1.970e+04	6.263e+04	-4.669e+04
						19.3	-2349.77	461.54	128.46	1.843e+04	6.408e+04	-4.305e+04
233	69	1.593e+04	-4.617e+04	-0.02	-0.87	38.7	-2349.77	1555.37	128.46	1.731e+04	6.552e+04	-1.285e+04
		-5461.64	-4.981e+04	4.67e-04		0.0	-150.46	-500.83	-147.73	6277.67	-4.617e+04	-1914.05
						19.3	-150.46	879.82	-147.73	6329.49	-4.799e+04	-3599.93
233	75	2.192e+04	-4.143e+04	-0.02	-0.88	38.7	-150.46	2242.09	-147.73	6262.33	-4.981e+04	1.593e+04
		5042.26	-4.380e+04	5.10e-04		0.0	213.38	-330.36	-137.70	3236.09	-4.143e+04	1.080e+04
						19.3	213.38	1053.22	-137.70	3470.64	-4.261e+04	5778.27
233	78	-1.885e+04	5.951e+04	0.02	-0.68	38.7	213.38	2418.70	-137.70	3643.62	-4.380e+04	2.192e+04
		-6.018e+04	5.788e+04	-3.35e-04		0.0	-2713.60	-812.98	118.43	2.274e+04	5.788e+04	-5.941e+04
						19.3	-2713.60	288.14	118.43	2.129e+04	5.870e+04	-5.243e+04
233	79	3249.56	7690.87	-1.41e-03	-0.75	38.7	-2713.60	1378.76	118.43	1.993e+04	5.951e+04	-1.885e+04
		-2.394e+04	7268.19	9.59e-05		0.0	-1252.23	-565.48	-10.93	1.159e+04	7690.87	-2.140e+04
						19.3	-1252.23	639.76	-10.93	1.102e+04	7479.53	-2.066e+04
233	81	-2460.50	9481.15	-1.65e-03	-0.81	38.7	-1252.23	1831.39	-10.93	1.046e+04	7268.19	3249.56
						0.0	-1245.18	-586.10	-6.61	1.625e+04	9481.15	-3.108e+04

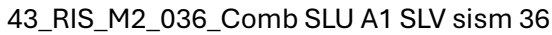
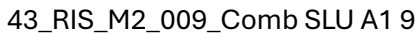
		-3.352e+04	9225.39	6.81e-05			19.3	-1245.18	742.81	-6.61	1.556e+04	9353.27	-2.954e+04
233	82	-1275.58	9688.55	-1.64e-03	-0.83		38.7	-1245.18	2055.86	-6.61	1.490e+04	9225.39	-2460.50
		-3.265e+04	9374.01	7.02e-05			0.0	-1209.23	-605.87	-8.13	1.637e+04	9688.55	-3.007e+04
							19.3	-1209.23	747.42	-8.13	1.567e+04	9531.28	-2.868e+04
233	83	5619.39	8105.68	-1.40e-03	-0.77		38.7	-1209.23	2084.92	-8.13	1.500e+04	9374.01	-1275.58
		-2.219e+04	7565.44	1.00e-04			0.0	-1180.33	-605.03	-13.97	1.183e+04	8105.68	-1.939e+04
							19.3	-1180.33	648.97	-13.97	1.124e+04	7835.56	-1.894e+04
233	85	1622.35	9358.88	-1.56e-03	-0.82		38.7	-1180.33	1889.50	-13.97	1.066e+04	7565.44	5619.39
		-2.890e+04	8935.48	8.06e-05			0.0	-1175.40	-619.46	-10.95	1.509e+04	9358.88	-2.616e+04
							19.3	-1175.40	721.11	-10.95	1.442e+04	9147.18	-2.516e+04
233	86	3249.56	7690.87	-1.41e-03	-0.75		38.7	-1175.40	2046.63	-10.95	1.377e+04	8935.48	1622.35
		-2.394e+04	7268.19	9.59e-05			0.0	-1252.23	-565.48	-10.93	1.159e+04	7690.87	-2.140e+04
							19.3	-1252.23	639.76	-10.93	1.102e+04	7479.53	-2.066e+04
233	87	394.53	8586.01	-1.53e-03	-0.78		38.7	-1252.23	1831.39	-10.93	1.046e+04	7268.19	3249.56
		-2.873e+04	8246.79	8.20e-05			0.0	-1248.70	-575.79	-8.77	1.392e+04	8586.01	-2.624e+04
							19.3	-1248.70	691.29	-8.77	1.329e+04	8416.40	-2.510e+04
233	88	3723.53	7773.83	-1.41e-03	-0.75		38.7	-1248.70	1943.62	-8.77	1.268e+04	8246.79	394.53
		-2.359e+04	7327.64	9.67e-05			0.0	-1237.85	-573.39	-11.54	1.164e+04	7773.83	-2.100e+04
							19.3	-1237.85	641.60	-11.54	1.106e+04	7550.74	-2.032e+04
233	90	2010.51	8310.91	-1.48e-03	-0.77		38.7	-1237.85	1843.01	-11.54	1.050e+04	7327.64	3723.53
		-2.647e+04	7914.80	8.84e-05			0.0	-1235.73	-579.58	-10.24	1.304e+04	8310.91	-2.390e+04
							19.3	-1235.73	672.52	-10.24	1.242e+04	8112.86	-2.298e+04
233	91	3249.56	7690.87	-1.41e-03	-0.75		38.7	-1235.73	1910.35	-10.24	1.183e+04	7914.80	2010.51
		-2.394e+04	7268.19	9.59e-05			0.0	-1252.23	-565.48	-10.93	1.159e+04	7690.87	-2.140e+04
							19.3	-1252.23	639.76	-10.93	1.102e+04	7479.53	-2.066e+04
233	92	1536.55	8227.95	-1.48e-03	-0.77		38.7	-1252.23	1831.39	-10.93	1.046e+04	7268.19	3249.56
		-2.682e+04	7855.35	8.75e-05			0.0	-1250.11	-571.67	-9.64	1.299e+04	8227.95	-2.430e+04
							19.3	-1250.11	670.68	-9.64	1.238e+04	8041.65	-2.332e+04
234	1	-2.891e+04	1.071e+04	-2.25e-03	-1.00		38.7	-1250.11	1898.73	-9.64	1.179e+04	7855.35	1536.55
		-9.009e+04	1.016e+04	1.07e-04			0.0	-1502.89	-37.05	-14.43	1.645e+04	1.071e+04	-9.009e+04
							19.3	-1502.89	1586.04	-14.43	1.565e+04	1.044e+04	-7.508e+04
234	3	-4.338e+04	1.306e+04	-2.74e-03	-1.11		38.7	-1502.89	3187.48	-14.43	1.486e+04	1.016e+04	-2.891e+04
		-1.130e+05	1.294e+04	6.19e-05			0.0	-1466.05	-11.89	-3.15	2.411e+04	1.306e+04	-1.130e+05
							19.3	-1466.05	1805.34	-3.15	2.311e+04	1.300e+04	-9.564e+04
234	4	-4.188e+04	1.347e+04	-2.72e-03	-1.13		38.7	-1466.05	3596.24	-3.15	2.214e+04	1.294e+04	-4.338e+04
		-1.126e+05	1.324e+04	6.46e-05			0.0	-1408.10	-19.21	-6.00	2.427e+04	1.347e+04	-1.126e+05
							19.3	-1408.10	1834.22	-6.00	2.326e+04	1.336e+04	-9.504e+04
234	5	-2.003e+04	7928.12	-1.65e-03	-0.75		38.7	-1408.10	3661.51	-6.00	2.228e+04	1.324e+04	-4.188e+04
		-6.583e+04	7429.12	8.89e-05			0.0	-1152.36	-32.80	-12.91	1.156e+04	7928.12	-6.583e+04
							19.3	-1152.36	1187.29	-12.91	1.097e+04	7678.62	-5.465e+04
234	12	-1.701e+04	8756.34	-1.61e-03	-0.79		38.7	-1152.36	2391.49	-12.91	1.039e+04	7429.12	-2.003e+04
		-6.505e+04	8036.85	9.44e-05			0.0	-1036.47	-47.44	-18.61	1.189e+04	8756.34	-6.505e+04
							19.3	-1036.47	1245.04	-18.61	1.127e+04	8396.60	-5.345e+04
234	14	-2.715e+04	1.040e+04	-1.95e-03	-0.87		38.7	-1036.47	2522.04	-18.61	1.066e+04	8036.85	-1.701e+04
		-8.110e+04	9982.69	6.26e-05			0.0	-1010.68	-29.83	-10.71	1.725e+04	1.040e+04	-8.110e+04
							19.3	-1010.68	1398.55	-10.71	1.649e+04	1.019e+04	-6.784e+04
234	31	1913.43	-2.492e+04	-0.01	-0.88		38.7	-1010.68	2808.17	-10.71	1.576e+04	9982.69	-2.715e+04
		-3.458e+04	-3.029e+04	4.42e-04			0.0	49.00	166.21	-186.96	7557.50	-2.492e+04	-3.424e+04
							19.3	49.00	1562.80	-186.96	7427.78	-2.760e+04	-2.724e+04
234	34	-5.026e+04	4.669e+04	0.01	-0.70		38.7	49.00	2937.02	-186.96	7199.41	-3.029e+04	1913.43
		-1.105e+05	4.206e+04	-2.90e-04			0.0	-2343.18	-216.88	167.70	1.986e+04	4.206e+04	-1.105e+05
							19.3	-2343.18	936.50	167.70	1.870e+04	4.438e+04	-9.379e+04
234	43	3397.88	-2.753e+04	-0.01	-0.88		38.7	-2343.18	2077.76	167.70	1.767e+04	4.669e+04	-5.026e+04
		-3.242e+04	-3.082e+04	4.67e-04			0.0	-27.16	183.01	-138.66	6161.03	-2.753e+04	-3.199e+04
							19.3	-27.16	1582.48	-138.66	6190.64	-2.918e+04	-2.536e+04
234	44	-4.305e+04	5.223e+04	0.01	-0.71		38.7	-27.16	2958.90	-138.66	6173.01	-3.082e+04	3397.88
		-1.002e+05	5.029e+04	-2.99e-04			0.0	-1892.07	-134.80	100.51	1.986e+04	5.029e+04	-1.002e+05
							19.3	-1892.07	1017.12	100.51	1.854e+04	5.126e+04	-8.503e+04
234	45	-5293.69	-3.314e+04	-0.01	-0.88		38.7	-1892.07	2158.21	100.51	1.730e+04	5.223e+04	-4.305e+04
		-4.471e+04	-3.583e+04	4.51e-04			0.0	-402.11	84.13	-119.77	7565.81	-3.314e+04	-4.456e+04
							19.3	-402.11	1482.19	-119.77	7592.27	-3.448e+04	-3.600e+04
234	46	-5.174e+04	4.722e+04	0.01	-0.70		38.7	-402.11	2856.57	-119.77	7574.46	-3.583e+04	-5293.69
		-1.128e+05	4.468e+04	-3.15e-04			0.0	-2267.01	-233.68	119.40	2.126e+04	4.468e+04	-1.128e+05
							19.3	-2267.01	916.83	119.40	1.994e+04	4.595e+04	-9.567e+04
234	63	8962.44	-3.397e+04	-0.02	-0.91		38.7	-2267.01	2055.88	119.40	1.870e+04	4.722e+04	-5.174e+04
		-2.454e+04	-4.069e+04	5.41e-04			0.0	372.21	217.94	-234.88	5894.52	-3.397e+04	-2.393e+04
							19.3	372.21	1647.39	-234.88	5904.52	-3.733e+04	-1.825e+04
234	66	-5.730e+04	5.709e+04	0.02	-0.69		38.7	372.21	3053.08	-234.88	5784.12	-4.069e+04	8962.44
		-1.208e+05	5.112e+04	-3.89e-04			0.0	-2666.39	-268.61	215.62	2.153e+04	5.112e+04	-1.208e+05
							19.3	-2666.39	851.91	215.62	2.022e+04	5.410e+04	-1.028e+05
234	75	1.085e+04	-3.729e+04	-0.02	-0.91		38.7	-2666.39	1961.70	215.62	1.909e+04	5.709e+04	-5.730e+04
		-2.180e+04	-4.137e+04	5.73e-04			0.0	275.47	239.32	-173.54	4120.87	-3.729e+04	-2.108e+04
							19.3	275.47	1672.43	-173.54	4333.31	-3.933e+04	-1.586e+04
234	76	-4.815e+04	6.413e+04	0.02	-0.70		38.7	275.47	3080.91	-173.54	4480.66	-4.137e+04	1.085e+04
		-1.077e+05	6.157e+04	-4.00e-04			0.0	-2093.38	-164.39	130.29	2.152e+04	6.157e+04	-1.077e+05
							19.3	-2093.38	954.27	130.29	2.001e+04	6.285e+04	-9.165e+04
							38.7	-2093.38	2063.83	130.29	1.861e+04	6.413e+04	-4.815e+04

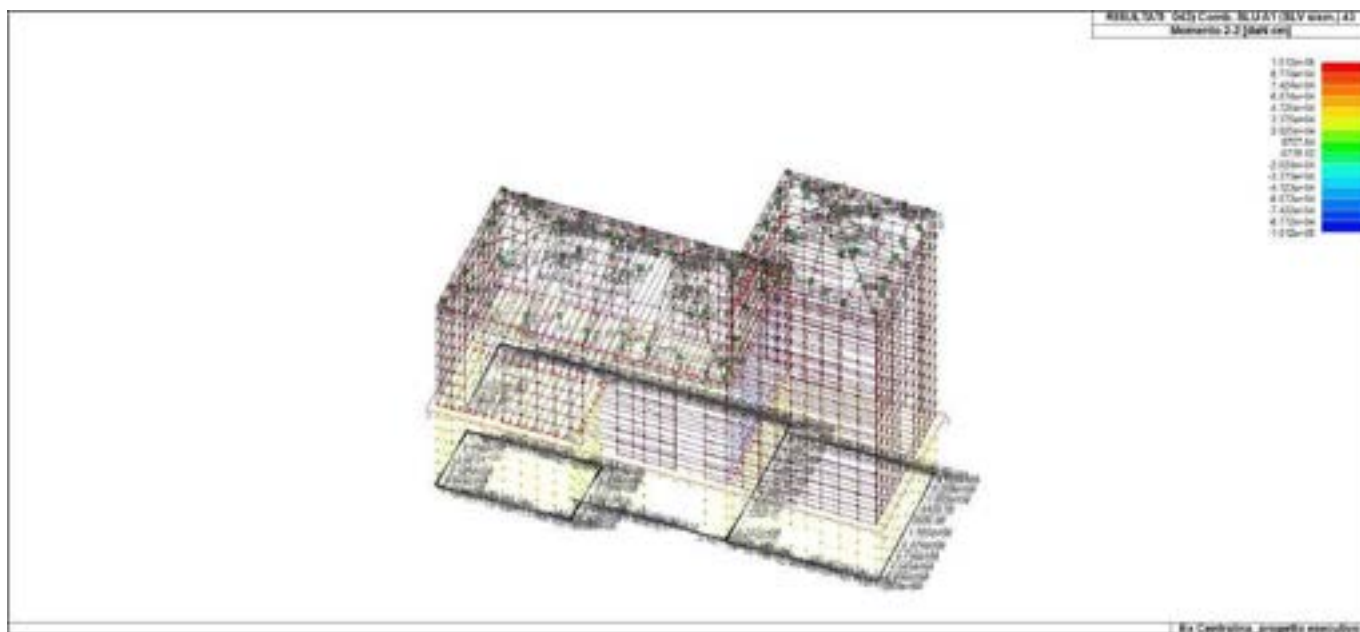
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		-3.727e+04-4.773e+04	5.52e-04		19.3	-200.79	1545.04	-149.55	6113.64-4.607e+04-2.938e+04
					38.7	-200.79	2950.95	-149.55	6260.75-4.773e+04-192.60
234	78	-5.919e+04 5.777e+04	0.02	-0.69	0.0	-2569.65	-289.98	154.28	2.330e+04 5.444e+04-1.237e+05
		-1.237e+05 5.444e+04	-4.21e-04		19.3	-2569.65	826.88	154.28	2.179e+04 5.611e+04-1.052e+05
					38.7	-2569.65	1933.87	154.28	2.039e+04 5.777e+04-5.919e+04
234	79	-2.128e+04 8105.67	-1.70e-03	-0.76	0.0	-1154.46	-30.37	-11.89	1.218e+04 8105.67-6.779e+04
		-6.779e+04 7646.17	8.53e-05		19.3	-1154.46	1205.79	-11.89	1.157e+04 7875.92-5.640e+04
					38.7	-1154.46	2425.64	-11.89	1.098e+04 7646.17-2.128e+04
234	81	-3.093e+04 9668.13	-2.02e-03	-0.84	0.0	-1129.89	-13.59	-4.37	1.728e+04 9668.13-8.308e+04
		-8.308e+04 9499.36	5.50e-05		19.3	-1129.89	1352.00	-4.37	1.655e+04 9583.74-7.011e+04
					38.7	-1129.89	2698.14	-4.37	1.583e+04 9499.36-3.093e+04
234	82	-2.992e+04 9944.20	-2.01e-03	-0.85	0.0	-1091.26	-18.47	-6.27	1.739e+04 9944.20-8.282e+04
		-8.282e+04 9701.93	5.69e-05		19.3	-1091.26	1371.25	-6.27	1.665e+04 9823.07-6.971e+04
					38.7	-1091.26	2741.66	-6.27	1.592e+04 9701.93-2.992e+04
234	83	-1.927e+04 8657.82	-1.67e-03	-0.79	0.0	-1077.20	-40.13	-15.69	1.240e+04 8657.82-6.727e+04
		-6.727e+04 8051.32	8.89e-05		19.3	-1077.20	1244.29	-15.69	1.177e+04 8354.57-5.561e+04
					38.7	-1077.20	2512.67	-15.69	1.116e+04 8051.32-1.927e+04
234	85	-2.602e+04 9751.54	-1.90e-03	-0.84	0.0	-1060.00	-28.39	-10.42	1.597e+04 9751.54-7.797e+04
		-7.797e+04 9348.55	6.77e-05		19.3	-1060.00	1346.64	-10.42	1.526e+04 9550.05-6.520e+04
					38.7	-1060.00	2703.43	-10.42	1.456e+04 9348.55-2.602e+04
234	86	-2.128e+04 8105.67	-1.70e-03	-0.76	0.0	-1154.46	-30.37	-11.89	1.218e+04 8105.67-6.779e+04
		-6.779e+04 7646.17	8.53e-05		19.3	-1154.46	1205.79	-11.89	1.157e+04 7875.92-5.640e+04
					38.7	-1154.46	2425.64	-11.89	1.098e+04 7646.17-2.128e+04
234	87	-2.610e+04 8886.90	-1.86e-03	-0.80	0.0	-1142.18	-21.98	-8.13	1.473e+04 8886.90-7.544e+04
		-7.544e+04 8572.76	7.02e-05		19.3	-1142.18	1278.89	-8.13	1.406e+04 8729.83-6.326e+04
					38.7	-1142.18	2561.89	-8.13	1.341e+04 8572.76-2.610e+04
234	88	-2.087e+04 8216.10	-1.69e-03	-0.77	0.0	-1139.01	-32.32	-12.65	1.222e+04 8216.10-6.769e+04
		-6.769e+04 7727.20	8.60e-05		19.3	-1139.01	1213.49	-12.65	1.161e+04 7971.65-5.624e+04
					38.7	-1139.01	2443.04	-12.65	1.102e+04 7727.20-2.087e+04
234	90	-2.377e+04 8684.84	-1.79e-03	-0.79	0.0	-1131.64	-27.29	-10.39	1.376e+04 8684.84-7.228e+04
		-7.228e+04 8283.16	7.69e-05		19.3	-1131.64	1257.35	-10.39	1.310e+04 8484.00-6.036e+04
					38.7	-1131.64	2524.80	-10.39	1.247e+04 8283.16-2.377e+04
234	91	-2.128e+04 8105.67	-1.70e-03	-0.76	0.0	-1154.46	-30.37	-11.89	1.218e+04 8105.67-6.779e+04
		-6.779e+04 7646.17	8.53e-05		19.3	-1154.46	1205.79	-11.89	1.157e+04 7875.92-5.640e+04
					38.7	-1154.46	2425.64	-11.89	1.098e+04 7646.17-2.128e+04
234	92	-2.417e+04 8574.41	-1.79e-03	-0.78	0.0	-1147.09	-25.33	-9.63	1.371e+04 8574.41-7.238e+04
		-7.238e+04 8202.13	7.62e-05		19.3	-1147.09	1249.65	-9.63	1.306e+04 8388.27-6.051e+04
					38.7	-1147.09	2507.39	-9.63	1.244e+04 8202.13-2.417e+04
235	1	-9.003e+04 1.147e+04	3.14e-03	-1.03	0.0	-1668.64	381.32	-20.58	1.771e+04 1.147e+04-1.695e+05
		-1.695e+05 1.068e+04	9.25e-05		19.3	-1668.64	2059.83	-20.58	1.685e+04 1.108e+04-1.458e+05
					38.7	-1668.64	3708.12	-20.58	1.602e+04 1.068e+04-9.003e+04
235	4	-1.126e+05 1.379e+04	3.82e-03	-1.17	0.0	-1578.46	401.70	-6.47	2.625e+04 1.379e+04-2.021e+05
		-2.021e+05 1.354e+04	4.60e-05		19.3	-1578.46	2322.45	-6.47	2.516e+04 1.366e+04-1.757e+05
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235	5	-6.579e+04 8604.32	2.31e-03	-0.78	0.0	-1279.89	292.65	-18.61	1.242e+04 8604.32-1.257e+05
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					38.7	-1279.89	2791.95	-18.61	1.119e+04 7884.66-6.579e+04
235	11	-1.053e+05 1.381e+04	3.59e-03	-1.15	0.0	-1536.64	417.57	-15.45	2.390e+04 1.381e+04-1.945e+05
		-1.945e+05 1.321e+04	6.27e-05		19.3	-1536.64	2312.15	-15.45	2.287e+04 1.351e+04-1.680e+05
					38.7	-1536.64	4172.21	-15.45	2.186e+04 1.321e+04-1.053e+05
235	12	-6.501e+04 9700.55	2.26e-03	-0.82	0.0	-1173.92	326.48	-25.92	1.275e+04 9700.55-1.290e+05
		-1.290e+05 8698.25	8.23e-05		19.3	-1173.92	1658.75	-25.92	1.210e+04 9199.40-1.098e+05
					38.7	-1173.92	2969.25	-25.92	1.146e+04 8698.25-6.501e+04
235	14	-8.106e+04 1.094e+04	2.75e-03	-0.90	0.0	-1147.88	328.91	-13.48	1.861e+04 1.094e+04-1.507e+05
		-1.507e+05 1.041e+04	4.83e-05		19.3	-1147.88	1805.70	-13.48	1.781e+04 1.067e+04-1.300e+05
					38.7	-1147.88	3256.04	-13.48	1.703e+04 1.041e+04-8.106e+04
235	31	-3.420e+04-1.791e+04	-0.02	-0.92	0.0	-104.26	315.71	-241.55	8564.98-1.791e+04-9.183e+04
		-9.183e+04-2.499e+04	4.77e-04		19.3	-104.26	1755.87	-241.55	8424.20-2.145e+04-7.434e+04
					38.7	-104.26	3187.23	-241.55	8187.65-2.499e+04-3.420e+04
235	34	-1.105e+05 4.211e+04	0.02	-0.72	0.0	-2444.80	271.74	214.58	2.099e+04 3.607e+04-1.773e+05
		-1.773e+05 3.607e+04	-3.48e-04		19.3	-2444.80	1470.04	214.58	1.975e+04 3.909e+04-1.578e+05
					38.7	-2444.80	2628.88	214.58	1.866e+04 4.211e+04-1.105e+05
235	43	-3.196e+04-2.258e+04	-0.02	-0.92	0.0	-172.21	316.52	-186.32	7202.41-2.258e+04-8.950e+04
		-8.950e+04-2.755e+04	5.09e-04		19.3	-172.21	1754.18	-186.32	7218.79-2.507e+04-7.202e+04
					38.7	-172.21	3184.12	-186.32	7190.31-2.755e+04-3.196e+04
235	44	-1.001e+05 5.032e+04	0.02	-0.72	0.0	-1980.93	291.17	139.34	2.079e+04 4.702e+04-1.677e+05
		-1.677e+05 4.702e+04	-3.62e-04		19.3	-1980.93	1491.42	139.34	1.940e+04 4.867e+04-1.479e+05
					38.7	-1980.93	2654.11	139.34	1.810e+04 5.032e+04-1.001e+05
235	45	-4.454e+04-2.885e+04	-0.02	-0.91	0.0	-568.12	296.28	-166.32	8763.13-2.885e+04-1.014e+05
		-1.014e+05-3.320e+04	4.91e-04		19.3	-568.12	1734.49	-166.32	8772.54-3.103e+04-8.428e+04
					38.7	-568.12	3162.00	-166.32	8740.19-3.320e+04-4.454e+04
235	46	-1.127e+05 4.468e+04	0.02	-0.72	0.0	-2376.84	270.93	159.34	2.235e+04 4.074e+04-1.796e+05
		-1.796e+05 4.074e+04	-3.81e-04		19.3	-2376.84	1471.72	159.34	2.096e+04 4.271e+04-1.601e+05
					38.7	-2376.84	2631.99	159.34	1.965e+04 4.468e+04-1.127e+05
235	63	-2.390e+04-2.520e+04	-0.02	-0.95	0.0	211.98	321.64	-303.19	6886.59-2.520e+04-8.029e+04
		-8.029e+04-3.406e+04	5.88e-04		19.3	211.98	1794.50	-303.19	6893.26-2.963e+04-6.306e+04

235	66	-1.208e+05	5.118e+04	0.02	-0.70	38.7	211.98	3262.67	-303.19	6772.82	-3.406e+04	-2.390e+04
		-1.888e+05	4.337e+04	-4.59e-04		0.0	-2761.04	265.81	276.22	2.266e+04	4.337e+04	-1.888e+05
						19.3	-2761.04	1431.41	276.22	2.128e+04	4.728e+04	-1.691e+05
235	75	-2.105e+04	-3.114e+04	-0.02	-0.95	38.7	-2761.04	2553.44	276.22	2.007e+04	5.118e+04	-1.208e+05
		-7.733e+04	-3.732e+04	6.30e-04		0.0	125.66	322.70	-233.05	5156.06	-3.114e+04	-7.733e+04
						19.3	125.66	1792.32	-233.05	5362.43	-3.423e+04	-6.011e+04
235	76	-1.076e+05	6.161e+04	0.02	-0.71	38.7	125.66	3258.69	-233.05	5506.35	-3.732e+04	-2.105e+04
		-1.766e+05	5.727e+04	-4.77e-04		0.0	-2171.83	290.45	180.67	2.241e+04	5.727e+04	-1.766e+05
						19.3	-2171.83	1458.60	180.67	2.084e+04	5.944e+04	-1.565e+05
235	77	-3.703e+04	-3.910e+04	-0.02	-0.94	38.7	-2171.83	2585.49	180.67	1.937e+04	6.161e+04	-1.076e+05
		-9.245e+04	-4.449e+04	6.06e-04		0.0	-377.23	297.00	-207.65	7138.40	-3.910e+04	-9.245e+04
						19.3	-377.23	1767.31	-207.65	7335.90	-4.180e+04	-7.569e+04
235	78	-1.236e+05	5.444e+04	0.02	-0.70	38.7	-377.23	3230.62	-207.65	7474.89	-4.449e+04	-3.703e+04
		-1.918e+05	4.930e+04	-5.01e-04		0.0	-2674.72	264.75	206.07	2.439e+04	4.930e+04	-1.918e+05
						19.3	-2674.72	1433.59	206.07	2.281e+04	5.187e+04	-1.720e+05
235	79	-6.775e+04	8729.76	2.37e-03	-0.79	38.7	-2674.72	2557.42	206.07	2.134e+04	5.444e+04	-1.236e+05
		-1.283e+05	8070.80	7.41e-05		0.0	-1281.97	293.03	-17.04	1.310e+04	8729.76	-1.283e+05
						19.3	-1281.97	1570.97	-17.04	1.246e+04	8400.28	-1.103e+05
235	82	-8.277e+04	1.027e+04	2.82e-03	-0.88	38.7	-1281.97	2826.12	-17.04	1.183e+04	8070.80	-6.775e+04
		-1.501e+05	9975.99	4.31e-05		0.0	-1221.85	306.62	-7.63	1.879e+04	1.027e+04	-1.501e+05
						19.3	-1221.85	1746.04	-7.63	1.800e+04	1.012e+04	-1.302e+05
235	83	-6.723e+04	9460.57	2.34e-03	-0.81	38.7	-1221.85	3158.35	-7.63	1.722e+04	9975.99	-8.277e+04
		-1.305e+05	8613.20	7.70e-05		0.0	-1211.32	315.58	-21.91	1.332e+04	9460.57	-1.305e+05
						19.3	-1211.32	1641.20	-21.91	1.266e+04	9036e+04	-1.116e+05
235	85	-7.793e+04	1.028e+04	2.66e-03	-0.87	38.7	-1211.32	2944.32	-21.91	1.201e+04	8613.20	-6.723e+04
		-1.450e+05	9756.99	5.43e-05		0.0	-1193.97	317.20	-13.62	1.723e+04	1.028e+04	-1.450e+05
						19.3	-1193.97	1739.18	-13.62	1.646e+04	1.002e+04	-1.251e+05
235	86	-6.775e+04	8729.76	2.37e-03	-0.79	38.7	-1193.97	3135.51	-13.62	1.572e+04	9756.99	-7.793e+04
		-1.283e+05	8070.80	7.41e-05		0.0	-1281.97	293.03	-17.04	1.310e+04	8729.76	-1.283e+05
						19.3	-1281.97	1570.97	-17.04	1.246e+04	8400.28	-1.103e+05
235	87	-7.539e+04	9317.71	2.60e-03	-0.83	38.7	-1281.97	2826.12	-17.04	1.183e+04	8070.80	-6.775e+04
		-1.387e+05	8887.80	5.79e-05		0.0	-1269.57	294.19	-11.12	1.589e+04	9317.71	-1.387e+05
						19.3	-1269.57	1640.95	-11.12	1.518e+04	9102.75	-1.199e+05
235	88	-6.765e+04	8875.92	2.36e-03	-0.79	38.7	-1269.57	2962.68	-11.12	1.448e+04	8887.80	-7.539e+04
		-1.288e+05	8179.28	7.47e-05		0.0	-1267.84	297.54	-18.01	1.314e+04	8875.92	-1.288e+05
						19.3	-1267.84	1585.01	-18.01	1.250e+04	8527.60	-1.105e+05
235	90	-7.223e+04	9228.69	2.50e-03	-0.82	38.7	-1267.84	2849.76	-18.01	1.187e+04	8179.28	-6.765e+04
		-1.350e+05	8669.48	6.50e-05		0.0	-1260.40	298.23	-14.46	1.482e+04	9228.69	-1.350e+05
						19.3	-1260.40	1627.00	-14.46	1.413e+04	8949.09	-1.163e+05
235	91	-6.775e+04	8729.76	2.37e-03	-0.79	38.7	-1260.40	2931.70	-14.46	1.346e+04	8669.48	-7.223e+04
		-1.283e+05	8070.80	7.41e-05		0.0	-1281.97	293.03	-17.04	1.310e+04	8729.76	-1.283e+05
						19.3	-1281.97	1570.97	-17.04	1.246e+04	8400.28	-1.103e+05
235	92	-7.233e+04	9082.53	2.51e-03	-0.81	38.7	-1281.97	2826.12	-17.04	1.183e+04	8070.80	-6.775e+04
		-1.345e+05	8561.00	6.44e-05		0.0	-1274.53	293.72	-13.49	1.478e+04	9082.53	-1.345e+05
						19.3	-1274.53	1612.95	-13.49	1.409e+04	8821.76	-1.161e+05
267	1	-1.697e+05	1.264e+04	-4.69e-03	-1.08	38.7	-1274.53	2908.05	-13.49	1.342e+04	8561.00	-7.233e+04
		-2.163e+05	1.143e+04	7.72e-05		0.0	-2117.62	-628.26	-30.95	1.943e+04	1.264e+04	-2.141e+05
						19.5	-2117.62	1147.77	-30.95	1.851e+04	1.203e+04	-2.090e+05
267	4	-2.023e+05	1.427e+04	-5.66e-03	-1.23	39.0	-2117.62	2878.13	-30.95	1.762e+04	1.143e+04	-1.697e+05
		-2.522e+05	1.384e+04	2.71e-05		0.0	-2049.58	-833.21	-10.80	2.872e+04	1.427e+04	-2.490e+05
						19.5	-2049.58	1204.48	-10.80	2.755e+04	1.406e+04	-2.452e+05
267	5	-1.258e+05	9632.99	-3.46e-03	-0.81	39.0	-2049.58	3187.08	-10.80	2.641e+04	1.384e+04	-2.023e+05
		-1.615e+05	8555.59	6.66e-05		0.0	-1624.61	-450.99	-27.63	1.364e+04	9632.99	-1.600e+05
						19.5	-1624.61	881.72	-27.63	1.297e+04	9094.29	-1.557e+05
267	11	-1.947e+05	1.471e+04	-5.36e-03	-1.21	39.0	-1624.61	2180.79	-27.63	1.232e+04	8555.59	-1.258e+05
		-2.458e+05	1.382e+04	4.39e-05		0.0	-2023.67	-757.46	-22.83	2.616e+04	1.471e+04	-2.430e+05
						19.5	-2023.67	1248.36	-22.83	2.505e+04	1.427e+04	-2.381e+05
267	14	-1.509e+05	1.171e+04	-4.13e-03	-0.94	39.0	-2023.67	3201.99	-22.83	2.397e+04	1.382e+04	-1.947e+05
		-1.910e+05	1.095e+04	3.34e-05		0.0	-1530.66	-580.19	-19.50	2.037e+04	1.171e+04	-1.889e+05
						19.5	-1530.66	982.31	-19.50	1.950e+04	1.133e+04	-1.849e+05
267	31	-9.192e+04	-9813.66	-0.02	-0.97	39.0	-1530.66	2504.65	-19.50	1.866e+04	1.095e+04	-1.509e+05
		-1.374e+05	-1.812e+04	5.04e-04		0.0	-474.53	-59.14	-307.27	9638.37	-9813.66	-1.374e+05
						19.5	-474.53	1171.56	-307.27	9522.06	-1.397e+04	-1.265e+05
267	34	-1.775e+05	3.625e+04	0.02	-0.74	39.0	-474.53	2391.62	-307.27	9325.27	-1.812e+04	-9.192e+04
		-2.062e+05	2.954e+04	-4.00e-04		0.0	-2766.62	-965.72	266.23	2.276e+04	2.954e+04	-2.005e+05
						19.5	-2766.62	597.16	266.23	2.140e+04	3.290e+04	-2.040e+05
267	40	-1.682e+05	4.770e+04	0.02	-0.74	39.0	-2766.62	2097.91	266.23	2.017e+04	3.625e+04	-1.775e+05
		-2.016e+05	4.412e+04	-4.36e-04		0.0	-2248.48	-803.24	166.71	2.284e+04	4.412e+04	-1.976e+05
						19.5	-2248.48	762.43	166.71	2.136e+04	4.591e+04	-1.979e+05
267	41	-1.012e+05	-2.439e+04	-0.02	-0.97	39.0	-2248.48	2273.59	166.71	1.996e+04	4.770e+04	-1.682e+05
		-1.406e+05	-2.957e+04	5.40e-04		0.0	-992.67	-221.61	-207.74	9558.56	-2.439e+04	-1.403e+05
						19.5	-992.67	1006.29	-207.74	9560.69	-2.698e+04	-1.326e+05
267	43	-8.958e+04	-1.617e+04	-0.02	-0.97	39.0	-992.67	2215.94	-207.74	9531.30	-2.957e+04	-1.012e+05
		-1.360e+05	-2.275e+04	5.49e-04		0.0	-537.01	-28.76	-247.29	8257.96	-1.617e+04	-1.360e+05
						19.5	-537.01	1197.03	-247.29	8278.12	-1.946e+04	-1.246e+05
267	46	-1.798e+05	4.088e+04	0.02	-0.74	39.0	-537.01	2406.38	-247.29	8263.29	-2.275e+04	-8.958e+04
						0.0	-2704.14	-996.09	206.26	2.414e+04	3.589e+04	-2.019e+05

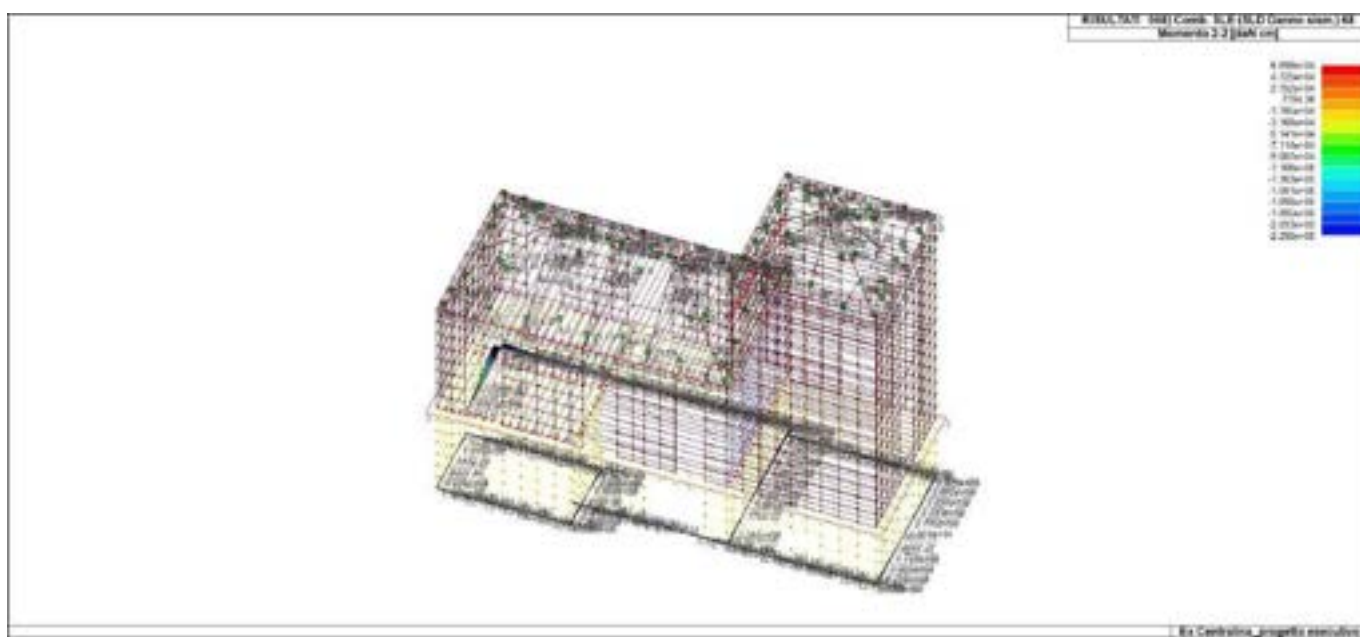
		-2.079e+05	3.589e+04	-4.45e-04		19.5	-2704.14	571.69	206.26	2.264e+04	3.839e+04	-2.059e+05
						39.0	-2704.14	2083.16	206.26	2.123e+04	4.088e+04	-1.798e+05
267	63	-8.036e+04	-1.513e+04	-0.03	-1.00	0.0	-164.84	63.33	-384.77	7865.83	-1.513e+04	-1.288e+05
		-1.288e+05	-2.547e+04	6.27e-04		19.5	-164.84	1249.14	-384.77	7917.11	-2.030e+04	-1.161e+05
						39.0	-164.84	2431.29	-384.77	7860.04	-2.547e+04	-8.036e+04
267	66	-1.890e+05	4.360e+04	0.03	-0.72	0.0	-3076.31	-1088.18	343.74	2.453e+04	3.486e+04	-2.090e+05
		-2.161e+05	3.486e+04	-5.22e-04		19.5	-3076.31	519.58	343.74	2.300e+04	3.923e+04	-2.144e+05
						39.0	-3076.31	2058.25	343.74	2.163e+04	4.360e+04	-1.890e+05
267	72	-1.772e+05	5.815e+04	0.02	-0.73	0.0	-2418.16	-881.83	217.34	2.463e+04	5.337e+04	-2.054e+05
		-2.100e+05	5.337e+04	-5.67e-04		19.5	-2418.16	729.48	217.34	2.295e+04	5.576e+04	-2.068e+05
						39.0	-2418.16	2281.38	217.34	2.137e+04	5.815e+04	-1.772e+05
267	73	-9.214e+04	-3.364e+04	-0.02	-1.00	0.0	-822.99	-143.02	-258.38	7764.41	-3.364e+04	-1.325e+05
		-1.327e+05	-4.002e+04	6.72e-04		19.5	-822.99	1039.24	-258.38	7966.17	-3.683e+04	-1.237e+05
						39.0	-822.99	2208.15	-258.38	8121.79	-4.002e+04	-9.214e+04
267	75	-7.739e+04	-2.320e+04	-0.03	-1.00	0.0	-244.20	101.93	-308.61	6112.67	-2.320e+04	-1.271e+05
		-1.271e+05	-3.135e+04	6.84e-04		19.5	-244.20	1281.53	-308.61	6337.37	-2.728e+04	-1.137e+05
						39.0	-244.20	2450.05	-308.61	6511.51	-3.135e+04	-7.739e+04
267	78	-1.920e+05	4.948e+04	0.03	-0.72	0.0	-2996.95	-1126.78	267.57	2.628e+04	4.293e+04	-2.108e+05
		-2.183e+05	4.293e+04	-5.79e-04		19.5	-2996.95	487.19	267.57	2.458e+04	4.621e+04	-2.168e+05
						39.0	-2996.95	2039.48	267.57	2.298e+04	4.948e+04	-1.920e+05
267	79	-1.285e+05	9683.04	-3.54e-03	-0.82	0.0	-1627.05	-469.24	-25.47	1.437e+04	9683.04	-1.627e+05
		-1.642e+05	8689.76	6.25e-05		19.5	-1627.05	882.39	-25.47	1.369e+04	9186.40	-1.586e+05
						39.0	-1627.05	2199.53	-25.47	1.302e+04	8689.76	-1.285e+05
267	82	-1.503e+05	1.077e+04	-4.19e-03	-0.92	0.0	-1581.70	-605.87	-12.03	2.057e+04	1.077e+04	-1.859e+05
		-1.882e+05	1.030e+04	2.91e-05		19.5	-1581.70	920.19	-12.03	1.971e+04	1.053e+04	-1.828e+05
						39.0	-1581.70	2405.49	-12.03	1.888e+04	1.030e+04	-1.503e+05
267	85	-1.452e+05	1.107e+04	-3.99e-03	-0.91	0.0	-1564.42	-555.37	-20.05	1.887e+04	1.107e+04	-1.819e+05
		-1.839e+05	1.029e+04	4.04e-05		19.5	-1564.42	949.45	-20.05	1.804e+04	1.068e+04	-1.780e+05
						39.0	-1564.42	2415.44	-20.05	1.725e+04	1.029e+04	-1.452e+05
267	86	-1.285e+05	9683.04	-3.54e-03	-0.82	0.0	-1627.05	-469.24	-25.47	1.437e+04	9683.04	-1.627e+05
		-1.642e+05	8689.76	6.25e-05		19.5	-1627.05	882.39	-25.47	1.369e+04	9186.40	-1.586e+05
						39.0	-1627.05	2199.53	-25.47	1.302e+04	8689.76	-1.285e+05
267	87	-1.388e+05	9985.50	-3.87e-03	-0.87	0.0	-1616.26	-541.22	-17.22	1.741e+04	9985.50	-1.731e+05
		-1.751e+05	9314.09	4.54e-05		19.5	-1616.26	885.68	-17.22	1.664e+04	9649.80	-1.697e+05
						39.0	-1616.26	2274.92	-17.22	1.590e+04	9314.09	-1.388e+05
267	90	-1.351e+05	1.006e+04	-3.74e-03	-0.85	0.0	-1611.07	-509.50	-21.74	1.624e+04	1.006e+04	-1.699e+05
		-1.716e+05	9208.61	5.26e-05		19.5	-1611.07	896.85	-21.74	1.550e+04	9632.63	-1.660e+05
						39.0	-1611.07	2266.84	-21.74	1.479e+04	9208.61	-1.351e+05
267	91	-1.285e+05	9683.04	-3.54e-03	-0.82	0.0	-1627.05	-469.24	-25.47	1.437e+04	9683.04	-1.627e+05
		-1.642e+05	8689.76	6.25e-05		19.5	-1627.05	882.39	-25.47	1.369e+04	9186.40	-1.586e+05
						39.0	-1627.05	2199.53	-25.47	1.302e+04	8689.76	-1.285e+05
267	92	-1.347e+05	9864.52	-3.74e-03	-0.85	0.0	-1620.58	-512.43	-20.52	1.620e+04	9864.52	-1.689e+05
		-1.707e+05	9064.36	5.22e-05		19.5	-1620.58	884.36	-20.52	1.546e+04	9464.44	-1.652e+05
						39.0	-1620.58	2244.77	-20.52	1.475e+04	9064.36	-1.347e+05

Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-5.271e+05	-2.290e+05	-0.06	-1.73	-3398.74	-1.207e+04	-1210.41	-9.419e+04
	6.130e+05	1.128e+05	0.06	-0.36	2707.56	1.008e+04	1158.77	3.939e+05

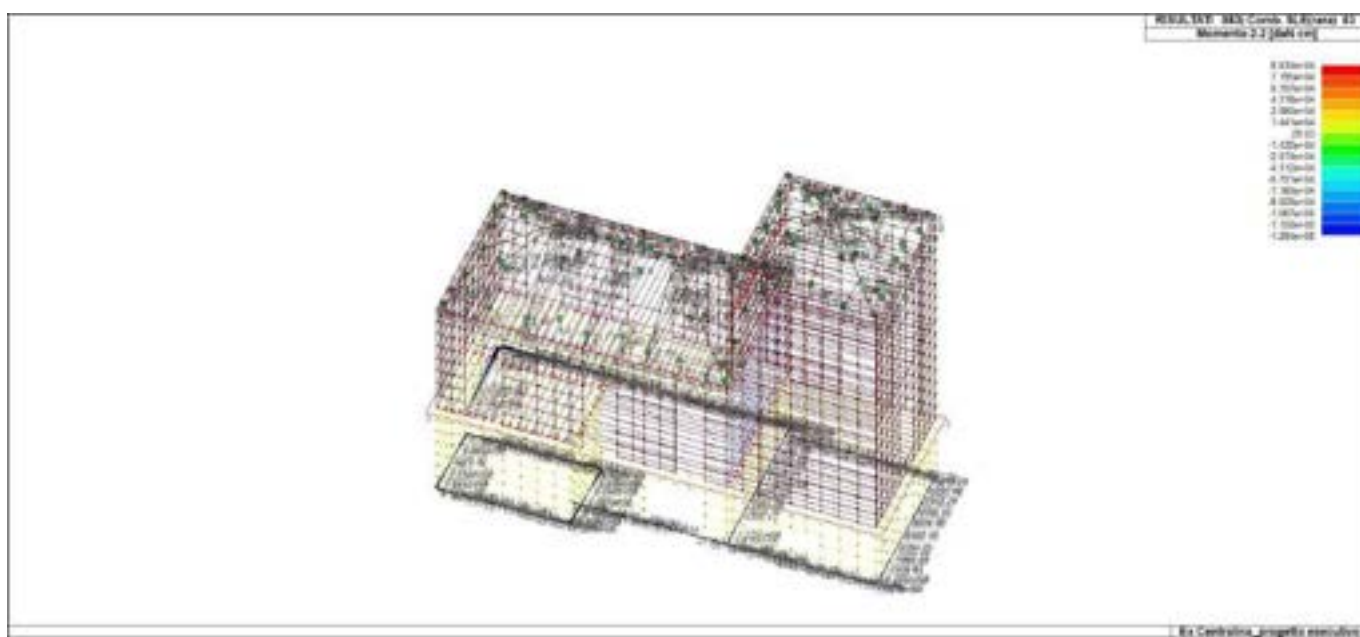
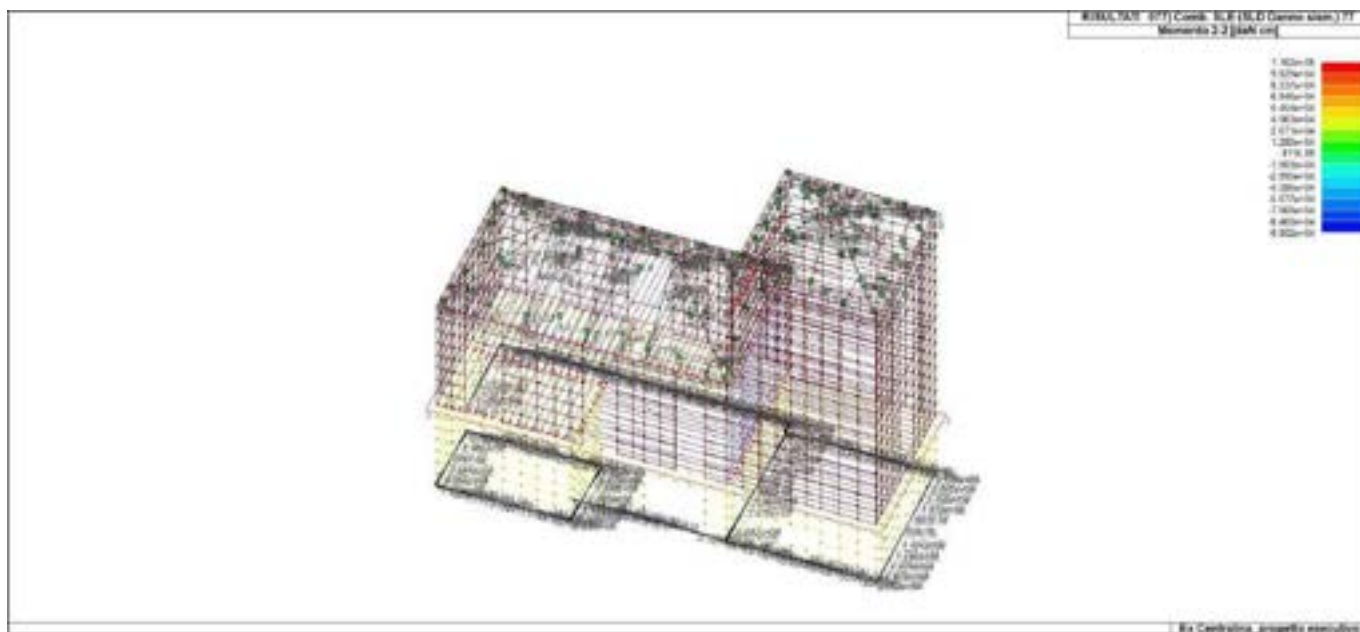


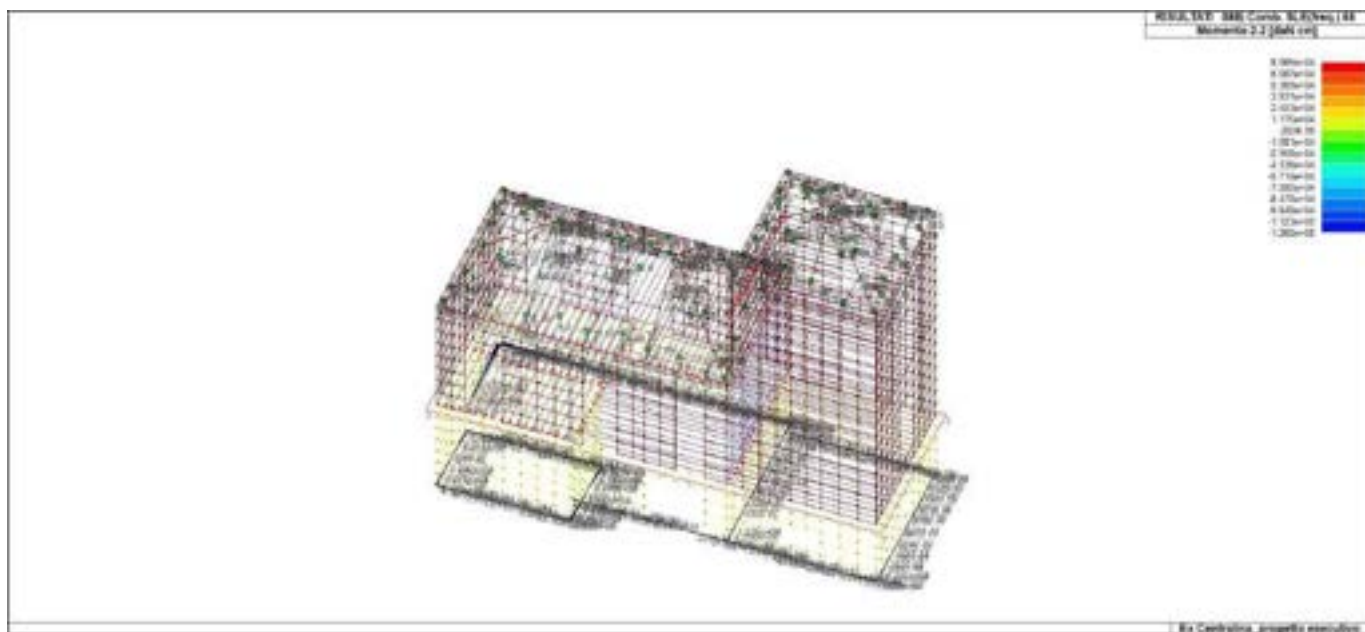


43_RIS_M2_043_Comb SLU A1 SLV sism 43

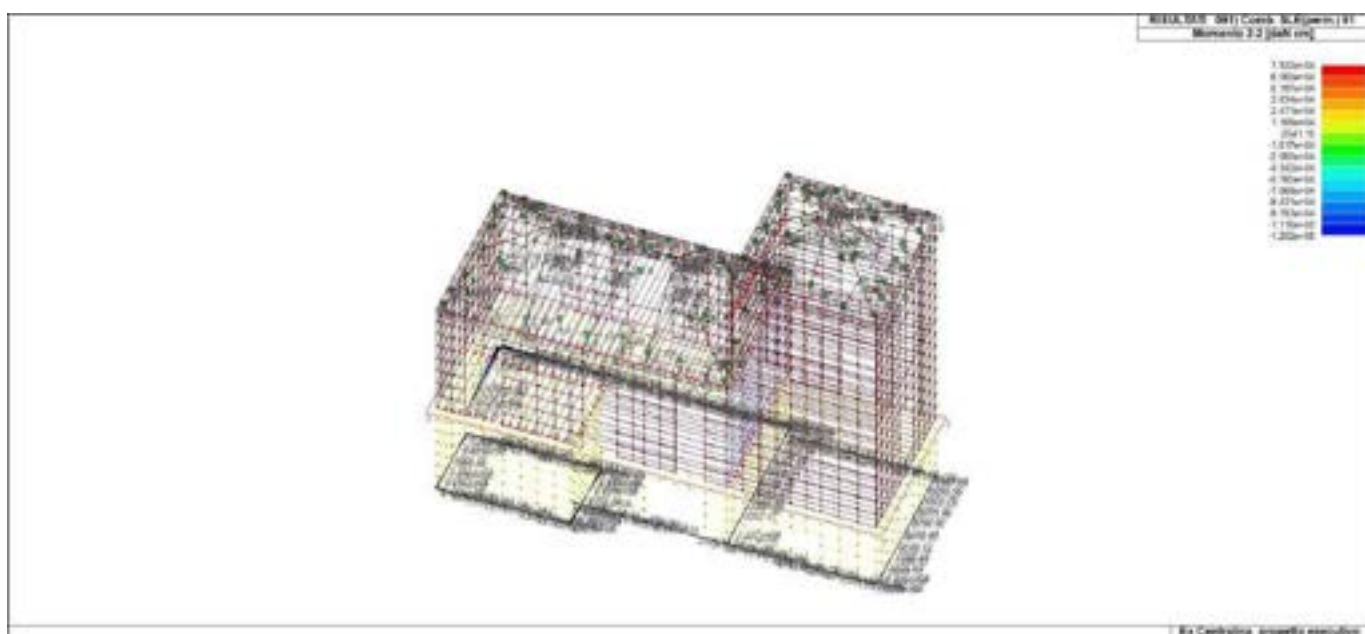


43_RIS_M2_068_Comb SLE SLD Danno sism 68

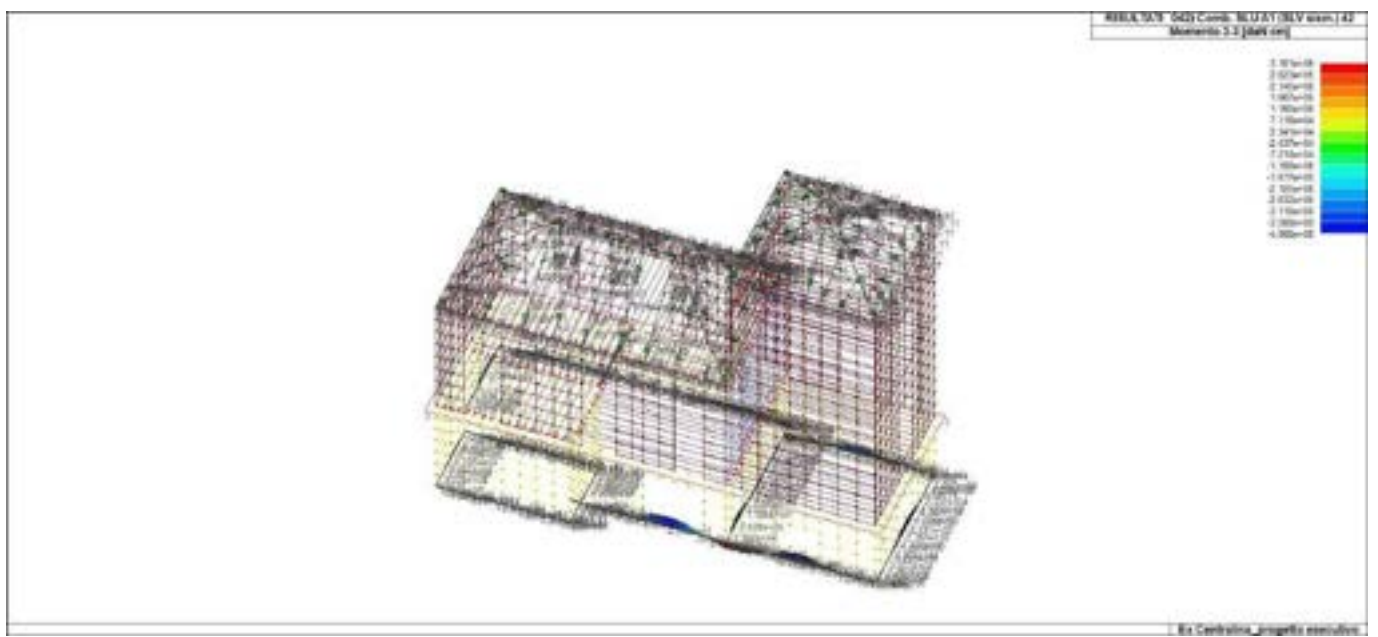
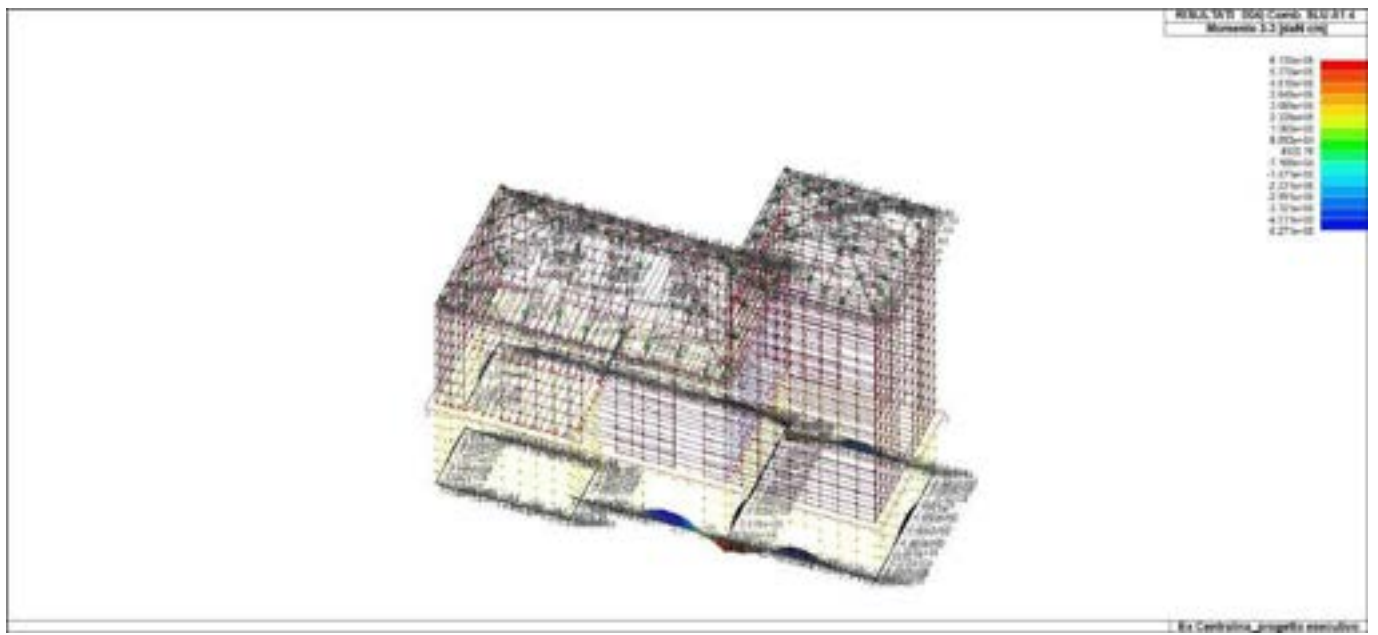


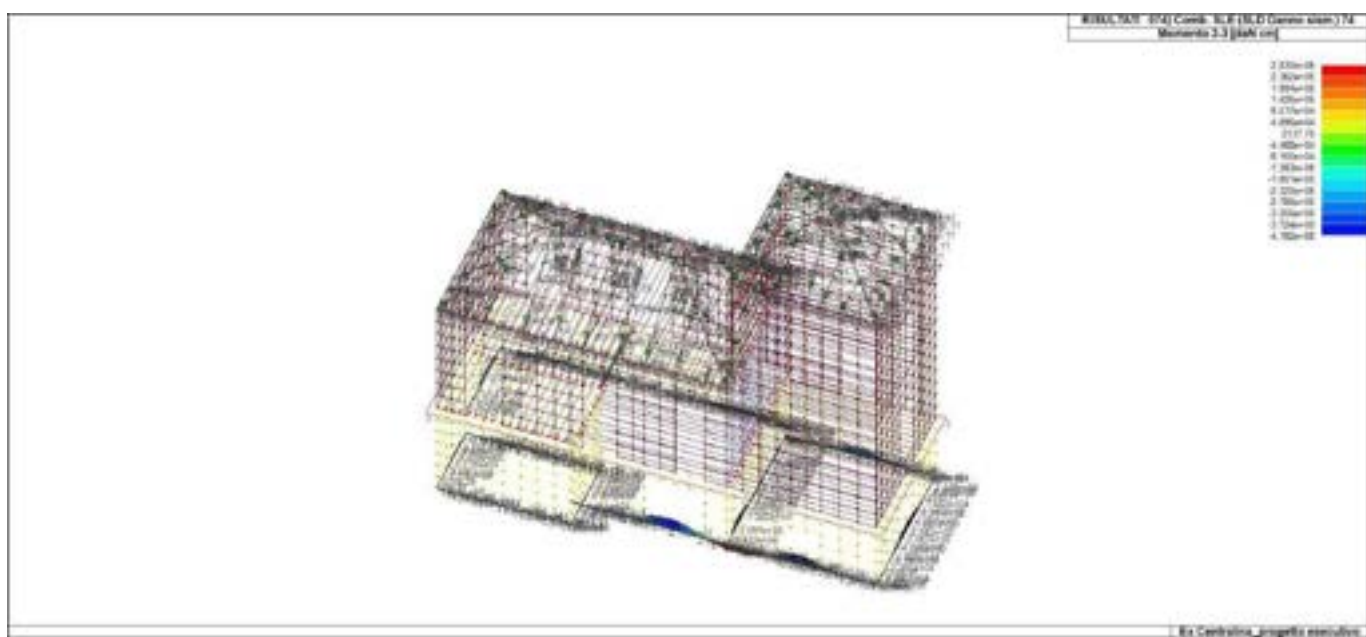
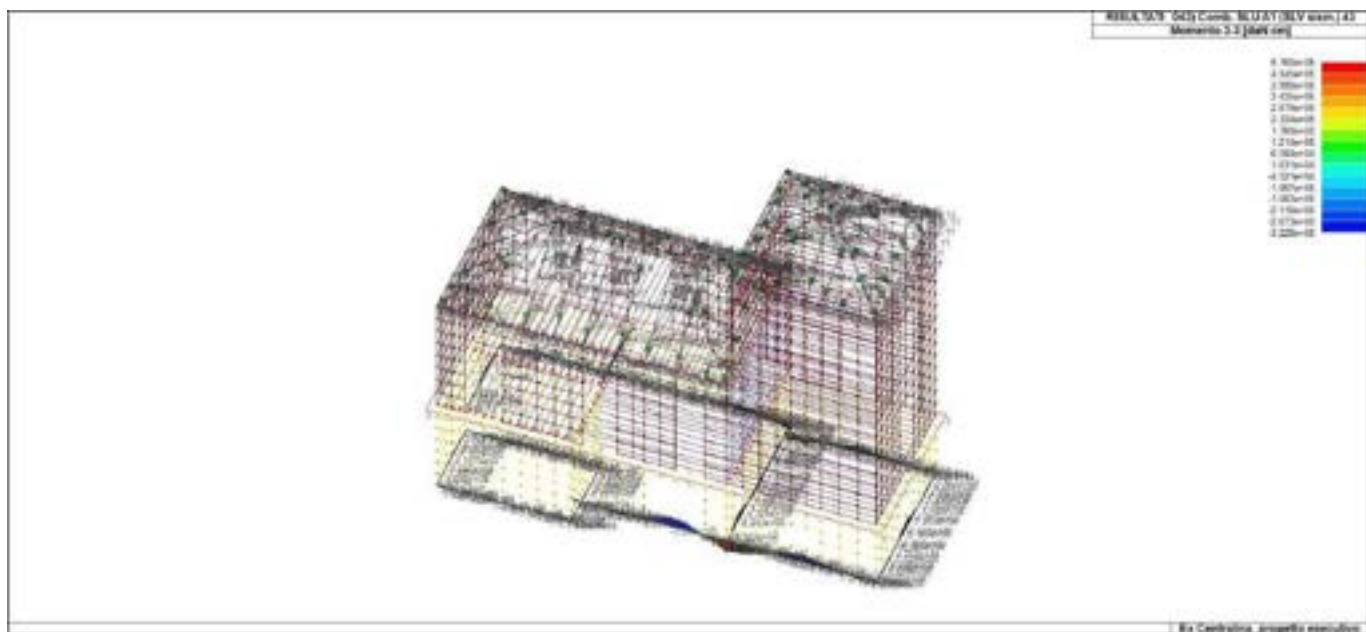


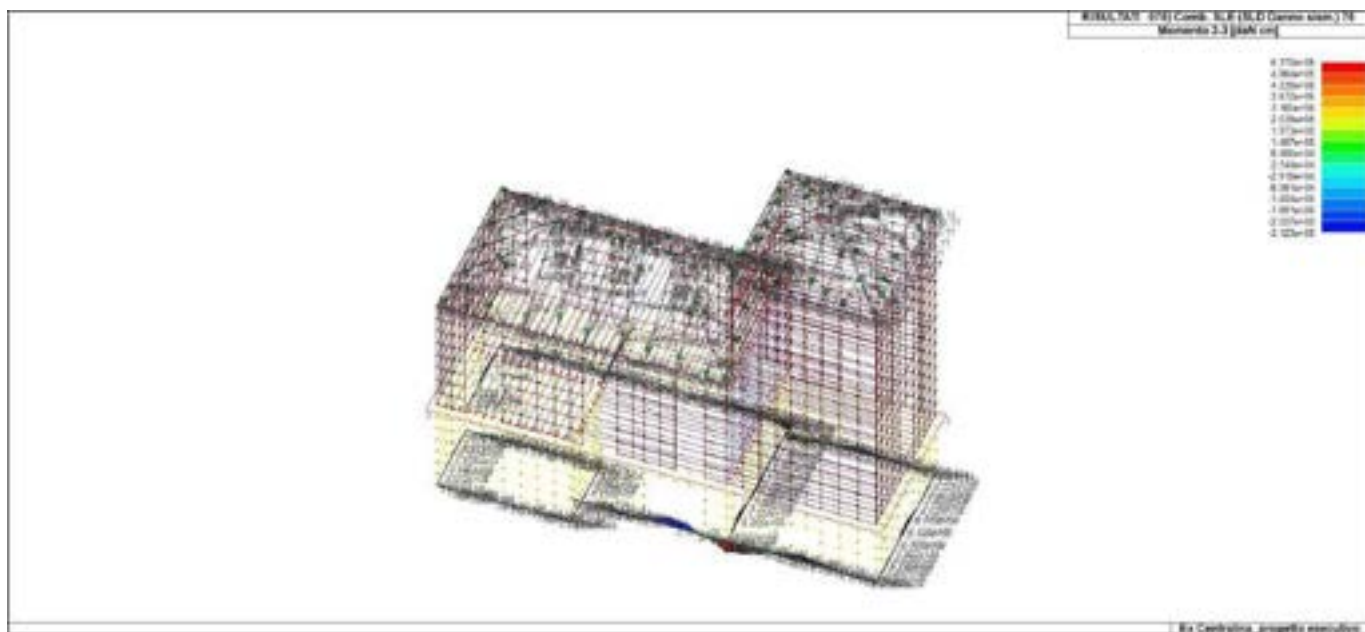
43_RIS_M2_088_Comb SLEfreq 88



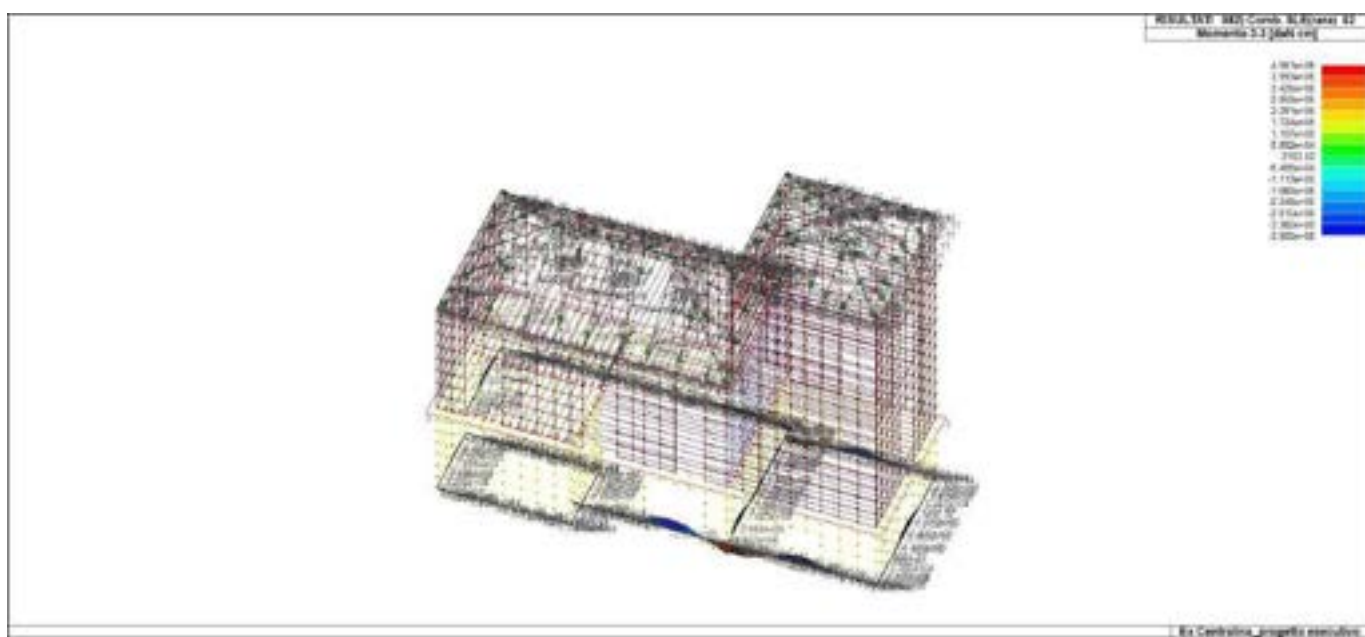
43_RIS_M2_091_Comb SLEperm 91



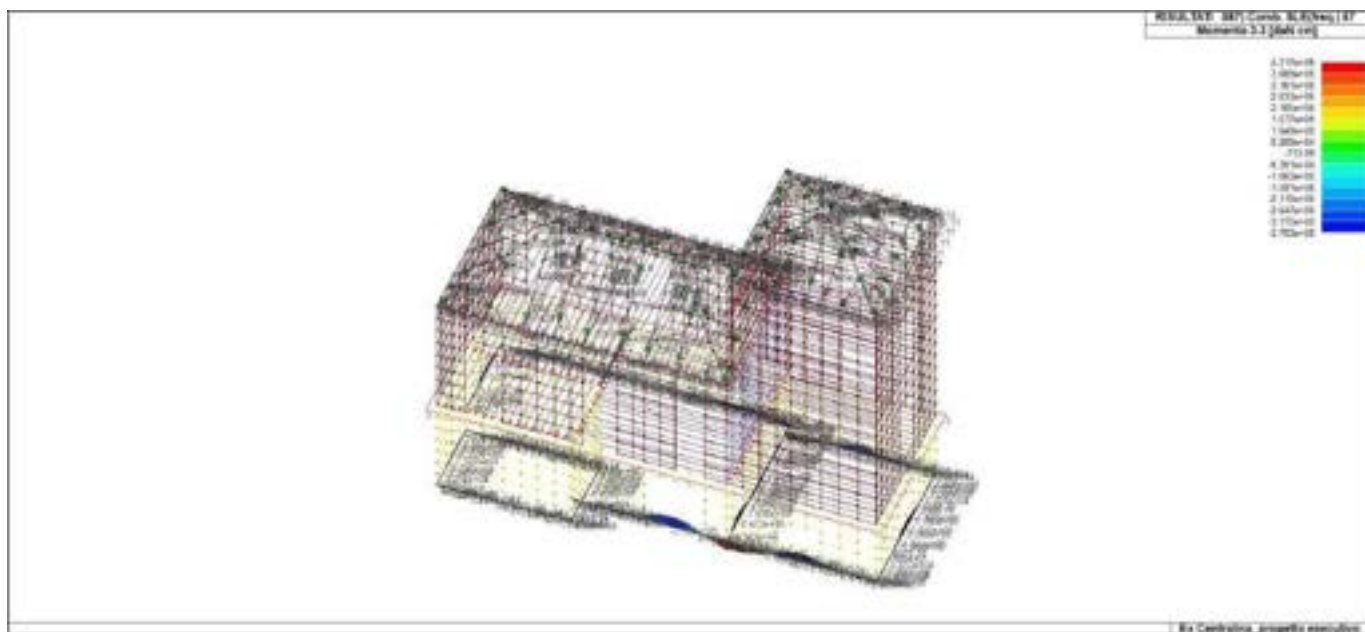




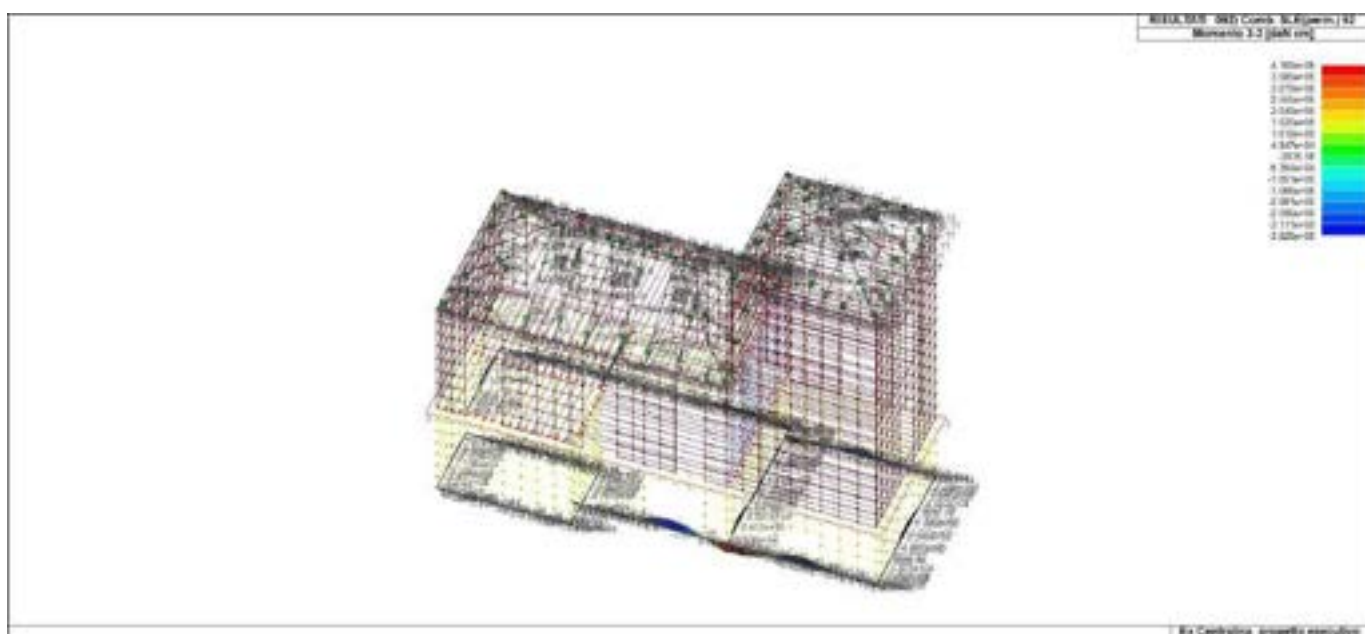
43_RIS_M3_075_Comb SLE SLD Danno sism 75



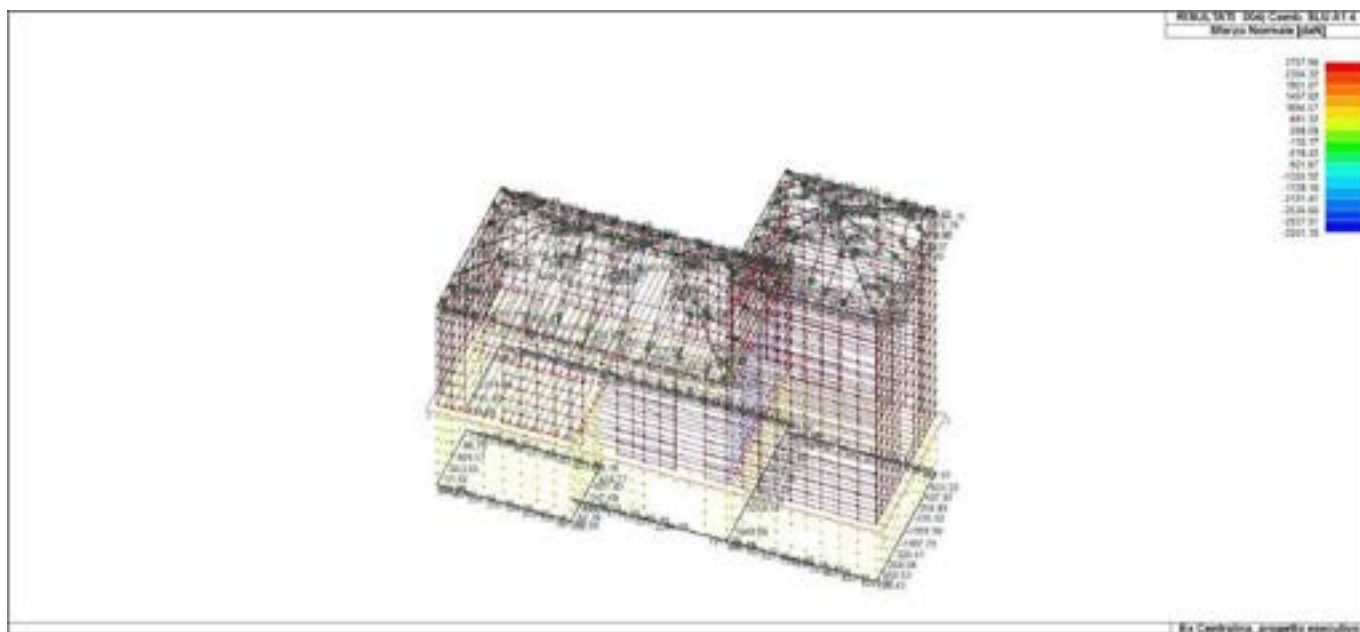
43_RIS_M3_082_Comb SLErara 82



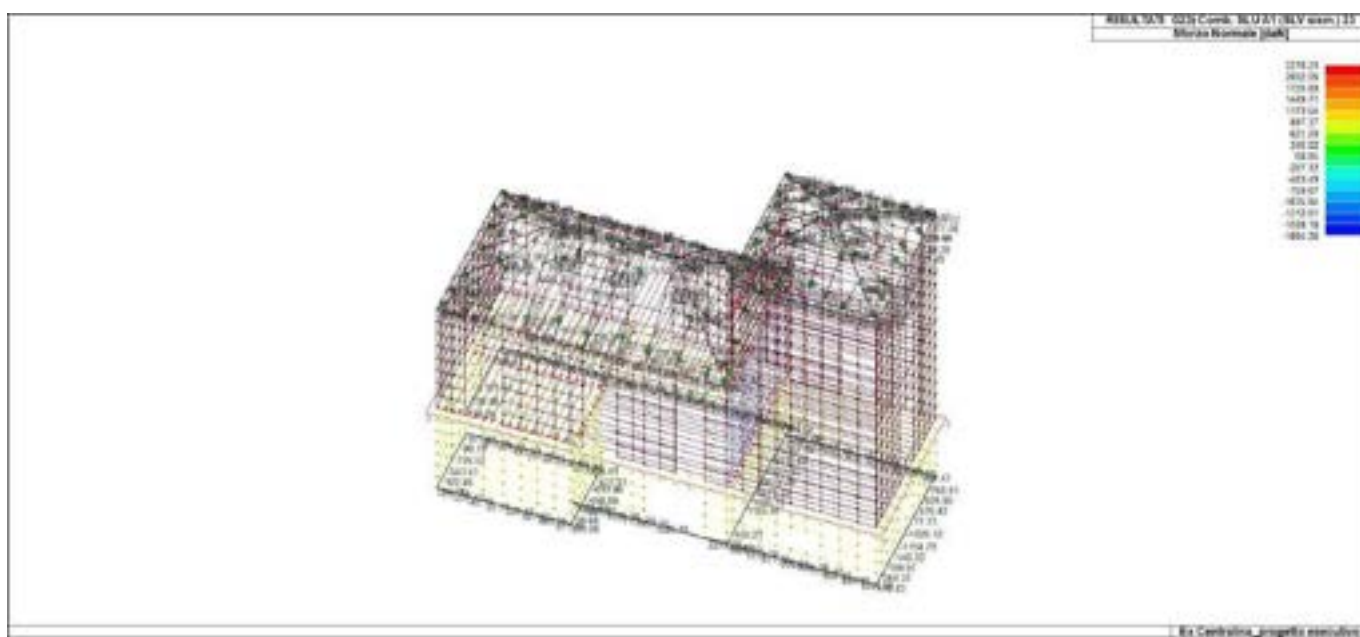
43_RIS_M3_087_Comb SLEfreq 87



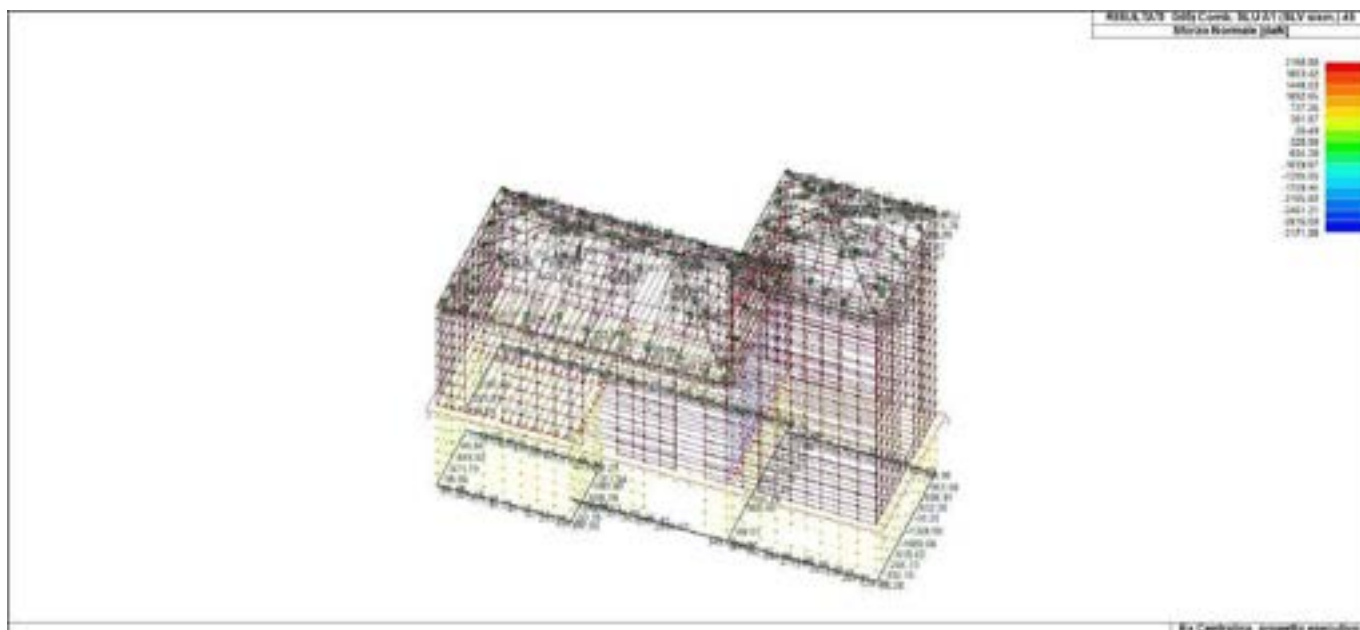
43_RIS_M3_092_Comb SLEperm 92



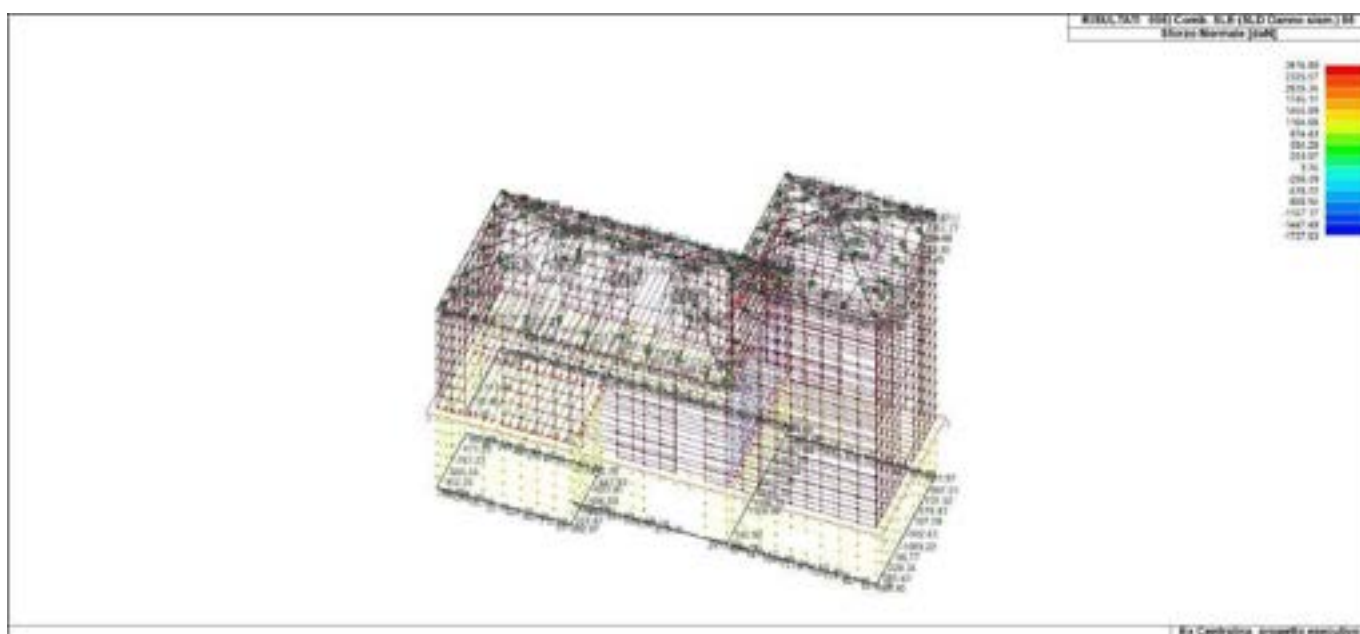
43_RIS_N_004_Comb SLU A1 4



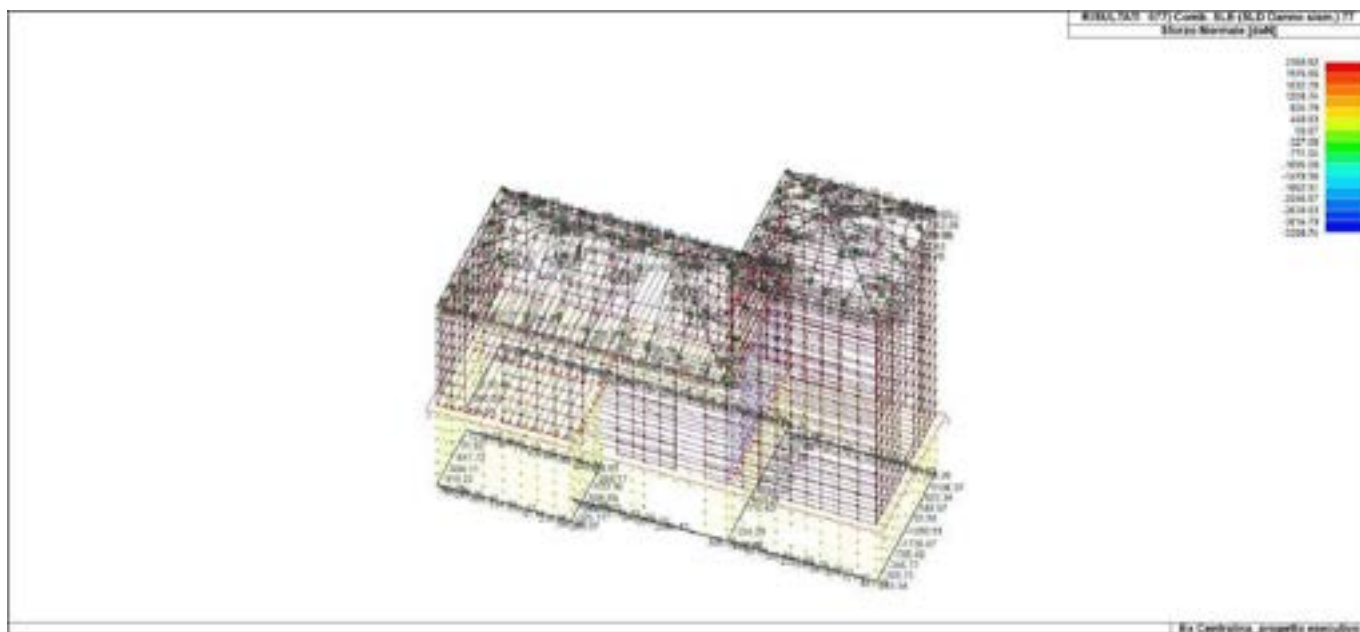
43_RIS_N_023_Comb SLU A1 SLV sism 23



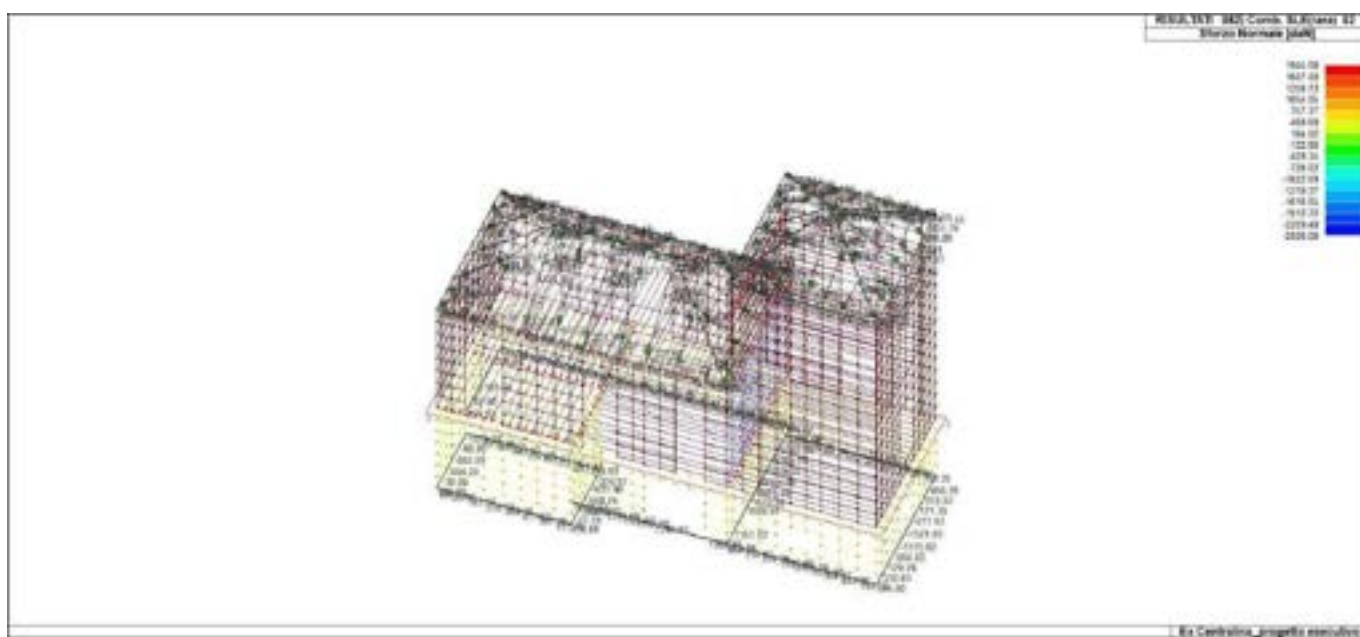
43_RIS_N_045_Comb SLU A1 SLV sism 45



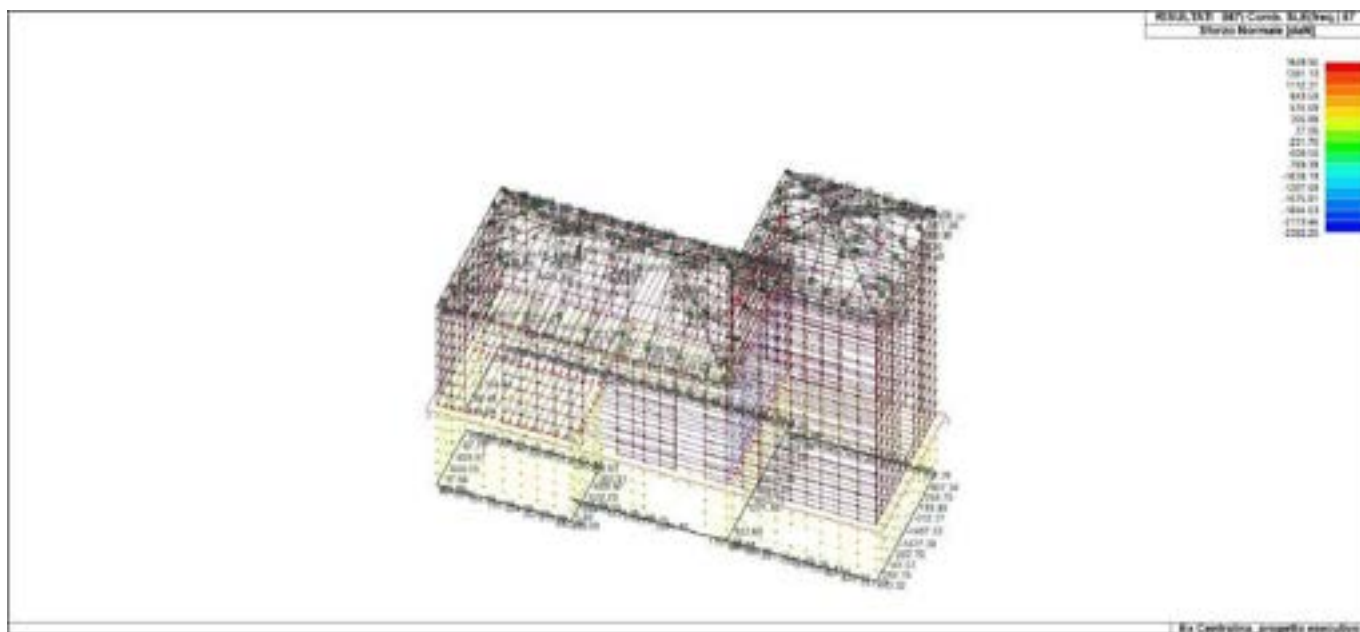
43_RIS_N_055_Comb SLE SLD Danno sism 55



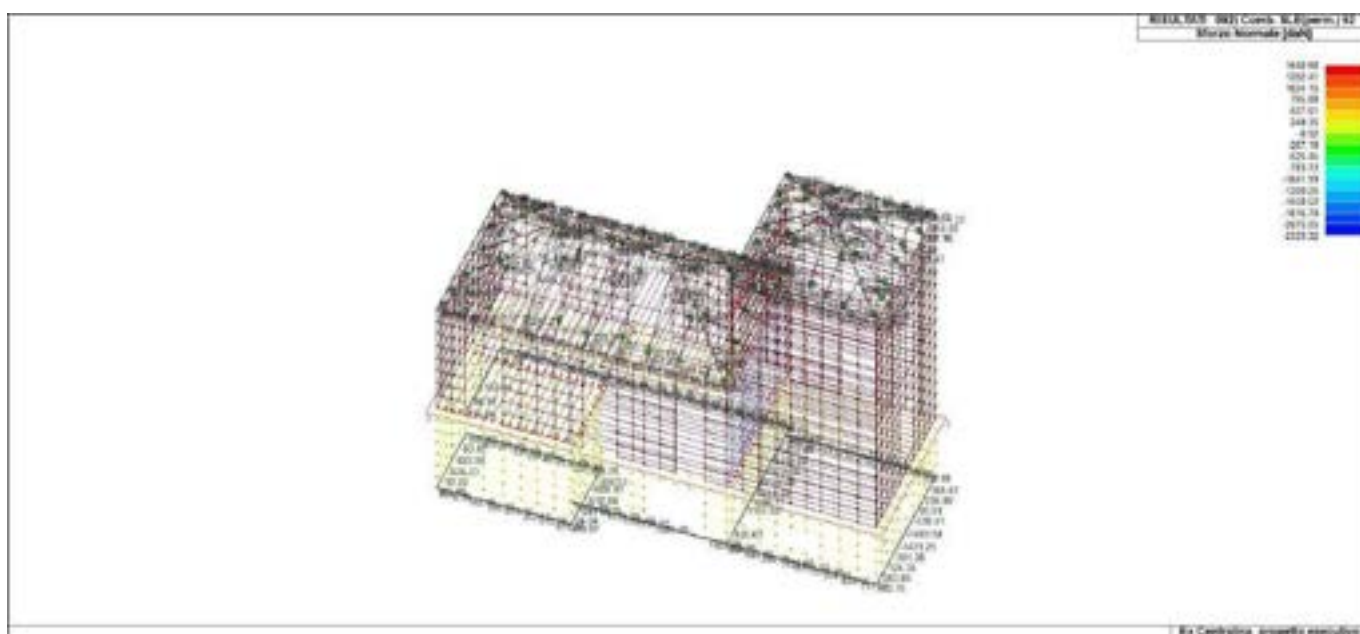
43_RIS_N_077_Comb SLE SLD Danno sism 77



43_RIS_N_082_Comb SLErara 82



43_RIS_N_087_Comb SLEfreq 87



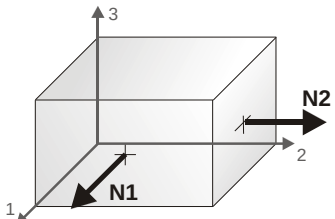
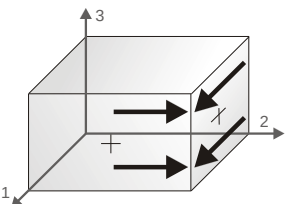
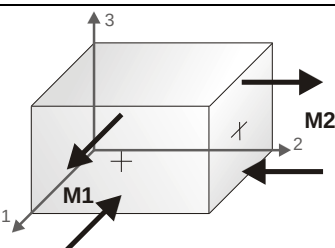
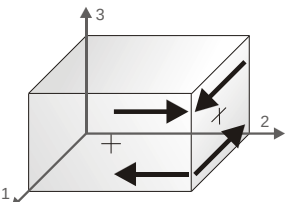
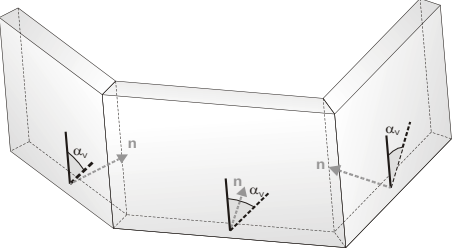
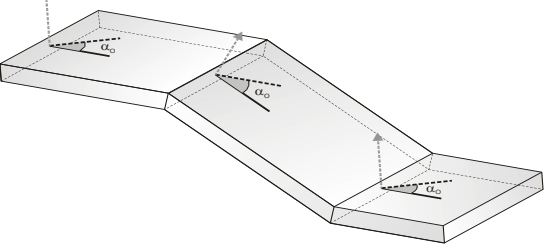
43_RIS_N_092_Comb SLEperm 92

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.

Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.

 Azione N	 Azione N 1-2
 Azione M	 Azione M 1-2
orientamento per stampa setti 	orientamento per stampa gusci 

In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises	(valore riassuntivo del complessivo stato di sollecitazione)	
N max	sforzo membranale principale massimo	
N min	sforzo membranale principale minimo	
M max	sforzo flessionale principale massimo	
M min	sforzo flessionale principale minimo	
N1	N2	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
N1-2	M1	
M2	M1-2	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi. I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_o attorno all'asse Z per i gusci e ruotata di α_v attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se α_v è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
1	4	-245.00	-5.946e+04	113.48	-223.41	-1.552e+05	-5.706e+04	5977.62
1	4	-194.10	-5.956e+04	232.07	-223.41	-7.827e+04	-4.478e+04	7787.09
1	4	-143.20	-5.698e+04	164.09	77.43	1.050e+04	-4.397e+04	2219.76
1	4	-92.30	-5.503e+04	137.49	323.56	2.130e+04	-2.729e+04	-1634.53
1	4	-41.40	-5.282e+04	127.49	442.92	-1459.65	-3589.02	-4944.68
1	4	9.50	-5.023e+04	132.06	404.37	-1.791e+04	2.133e+04	-4863.85
1	5	-245.00	-3.967e+04	182.59	-147.33	-1.055e+05	-3.901e+04	4032.21
1	5	-194.10	-3.968e+04	265.76	-147.33	-5.462e+04	-3.046e+04	5227.90
1	5	-143.20	-3.764e+04	219.70	60.85	3695.19	-2.942e+04	1476.60
1	5	-92.30	-3.604e+04	202.46	222.00	9662.40	-1.792e+04	-1170.63
1	5	-41.40	-3.421e+04	196.25	293.98	-8446.54	-2166.50	-3296.56
1	5	9.50	-3.209e+04	198.80	268.01	-2.430e+04	1.426e+04	-3095.33
1	9	-245.00	-5.412e+04	235.49	-203.11	-1.433e+05	-5.259e+04	5637.38
1	9	-194.10	-5.412e+04	348.94	-203.11	-7.248e+04	-4.128e+04	7298.40
1	9	-143.20	-5.146e+04	286.05	77.30	8763.05	-4.017e+04	2128.03
1	9	-92.30	-4.939e+04	262.18	299.78	1.853e+04	-2.466e+04	-1488.51
1	9	-41.40	-4.703e+04	253.28	402.36	-4515.43	-3095.58	-4420.98
1	9	9.50	-4.428e+04	256.71	368.58	-2.461e+04	1.954e+04	-4267.08
1	23	-245.00	-3.730e+04	-1079.80	-128.97	-1.984e+05	-4.404e+04	3853.96
1	23	-194.10	-3.734e+04	-994.57	-128.97	-1.453e+05	-3.520e+04	4395.88
1	23	-143.20	-3.539e+04	-1140.29	60.51	-6.814e+04	-3.383e+04	1289.32
1	23	-92.30	-3.390e+04	-1202.24	198.51	-5.923e+04	-2.300e+04	-1413.67
1	23	-41.40	-3.221e+04	-1258.81	236.49	-6.104e+04	-9186.13	-4429.59
1	23	9.50	-3.021e+04	-1251.40	180.24	-5.754e+04	3746.50	-4108.15
1	26	-245.00	-4.552e+04	1381.62	-179.21	-2.035e+04	-3.684e+04	4490.01
1	26	-194.10	-4.555e+04	1466.85	-179.21	3.278e+04	-2.800e+04	6444.98
1	26	-143.20	-4.346e+04	1516.98	61.09	7.760e+04	-2.750e+04	1764.19
1	26	-92.30	-4.182e+04	1542.62	261.11	8.168e+04	-1.455e+04	-999.32
1	26	-41.40	-3.994e+04	1585.97	378.08	4.751e+04	4547.94	-2476.78
1	26	9.50	-3.777e+04	1584.28	379.83	1.428e+04	2.600e+04	-2457.57
1	37	-245.00	-4.232e+04	-2667.83	-142.59	-4.553e+05	-4.150e+04	6723.68
1	37	-194.10	-4.236e+04	-2582.60	-142.59	-4.022e+05	-3.266e+04	6016.77
1	37	-143.20	-4.034e+04	-2720.18	73.73	-3.005e+05	-3.118e+04	2936.73
1	37	-92.30	-3.874e+04	-2814.66	260.96	-2.853e+05	-1.829e+04	-184.18
1	37	-41.40	-3.703e+04	-2888.47	338.22	-2.592e+05	-177.34	-5068.82
1	37	9.50	-3.494e+04	-2940.68	327.55	-2.222e+05	1.925e+04	-5701.89
1	46	-245.00	-4.288e+04	3653.84	-177.28	2.287e+05	-3.735e+04	2547.82
1	46	-194.10	-4.292e+04	3739.08	-177.28	2.818e+05	-2.851e+04	6237.31
1	46	-143.20	-4.085e+04	3835.98	47.14	2.943e+05	-2.846e+04	3530.25
1	46	-92.30	-3.922e+04	3917.66	225.31	2.888e+05	-1.699e+04	-683.87
1	46	-41.40	-3.737e+04	4007.86	308.65	2.273e+05	-618.60	-953.83
1	46	9.50	-3.523e+04	4065.15	291.26	1.500e+05	1.688e+04	-53.67
1	55	-245.00	-3.619e+04	-1412.59	-122.16	-2.225e+05	-4.502e+04	3768.02

1	55	-194.10	-3.623e+04	-1327.36	-122.16	-1.694e+05	-3.617e+04	4118.75
1	55	-143.20	-3.430e+04	-1499.57	60.44	-8.783e+04	-3.468e+04	1225.11
1	55	-92.30	-3.283e+04	-1573.35	190.05	-7.827e+04	-2.415e+04	-1469.52
1	55	-41.40	-3.117e+04	-1643.40	217.34	-7.571e+04	-1.104e+04	-4692.82
1	55	9.50	-2.919e+04	-1634.76	153.25	-6.726e+04	737.56	-4330.19
1	58	-245.00	-4.663e+04	1714.41	-186.03	3713.68	-3.587e+04	4575.95
1	58	-194.10	-4.666e+04	1799.64	-186.03	5.684e+04	-2.702e+04	6722.12
1	58	-143.20	-4.455e+04	1876.27	61.15	9.729e+04	-2.665e+04	1828.40
1	58	-92.30	-4.289e+04	1913.73	269.58	1.007e+05	-1.341e+04	-943.46
1	58	-41.40	-4.098e+04	1970.56	397.23	6.218e+04	6404.89	-2213.55
1	58	9.50	-3.878e+04	1967.64	406.82	2.400e+04	2.901e+04	-2235.53
1	73	-245.00	-4.257e+04	-4106.29	-138.27	-5.416e+05	-4.213e+04	6764.91
1	73	-194.10	-4.260e+04	-4021.06	-138.27	-4.885e+05	-3.329e+04	4945.72
1	73	-143.20	-4.059e+04	-4228.68	81.31	-3.679e+05	-3.139e+04	-801.05
1	73	-92.30	-3.907e+04	-4352.66	266.19	-3.463e+05	-1.798e+04	-1684.70
1	73	-41.40	-3.730e+04	-4476.00	361.97	-3.103e+05	804.21	-6573.48
1	73	9.50	-3.523e+04	-4525.80	346.02	-2.468e+05	2.107e+04	-7631.09
1	78	-245.00	-4.328e+04	4601.05	-183.56	3.200e+05	-3.652e+04	2108.83
1	78	-194.10	-4.332e+04	4686.28	-183.56	3.731e+05	-2.767e+04	6458.38
1	78	-143.20	-4.124e+04	4822.31	43.46	3.725e+05	-2.786e+04	4071.88
1	78	-92.30	-3.958e+04	4930.99	224.10	3.638e+05	-1.651e+04	-542.70
1	78	-41.40	-3.772e+04	5047.38	309.02	2.905e+05	-156.44	-279.24
1	78	9.50	-3.556e+04	5119.44	294.33	1.964e+05	1.743e+04	816.97
1	79	-245.00	-4.021e+04	173.38	-149.34	-1.067e+05	-3.946e+04	4074.00
1	79	-194.10	-4.023e+04	257.20	-149.34	-5.506e+04	-3.081e+04	5285.80
1	79	-143.20	-3.820e+04	210.60	60.98	4077.20	-2.980e+04	1490.84
1	79	-92.30	-3.661e+04	193.07	224.52	1.020e+04	-1.817e+04	-1183.60
1	79	-41.40	-3.479e+04	186.73	298.10	-7897.84	-2200.26	-3346.35
1	79	9.50	-3.268e+04	189.38	271.71	-2.348e+04	1.446e+04	-3152.29
1	82	-245.00	-4.464e+04	104.91	-167.51	-1.169e+05	-4.300e+04	4500.42
1	82	-194.10	-4.470e+04	194.71	-167.51	-5.922e+04	-3.373e+04	5857.57
1	82	-143.20	-4.271e+04	143.54	59.66	7288.37	-3.303e+04	1669.13
1	82	-92.30	-4.119e+04	123.66	243.97	1.520e+04	-2.045e+04	-1238.85
1	82	-41.40	-3.947e+04	116.24	332.28	-2391.95	-2663.54	-3709.44
1	82	9.50	-3.745e+04	119.57	303.34	-1.562e+04	1.601e+04	-3624.90
1	83	-245.00	-4.108e+04	186.25	-153.98	-1.090e+05	-4.002e+04	4273.60
1	83	-194.10	-4.108e+04	272.63	-153.98	-5.537e+04	-3.139e+04	5531.77
1	83	-143.20	-3.903e+04	224.85	59.58	6130.99	-3.050e+04	1607.97
1	83	-92.30	-3.743e+04	206.79	228.12	1.336e+04	-1.870e+04	-1141.50
1	83	-41.40	-3.561e+04	200.09	305.24	-4429.13	-2334.58	-3360.31
1	83	9.50	-3.349e+04	202.67	279.48	-2.008e+04	1.482e+04	-3227.05
1	86	-245.00	-4.021e+04	173.38	-149.34	-1.067e+05	-3.946e+04	4074.00
1	86	-194.10	-4.023e+04	257.20	-149.34	-5.506e+04	-3.081e+04	5285.80
1	86	-143.20	-3.820e+04	210.60	60.98	4077.20	-2.980e+04	1490.84
1	86	-92.30	-3.661e+04	193.07	224.52	1.020e+04	-1.817e+04	-1183.60
1	86	-41.40	-3.479e+04	186.73	298.10	-7897.84	-2200.26	-3346.35
1	86	9.50	-3.268e+04	189.38	271.71	-2.348e+04	1.446e+04	-3152.29
1	87	-245.00	-4.221e+04	135.93	-157.26	-1.112e+05	-4.109e+04	4237.31
1	87	-194.10	-4.226e+04	222.10	-157.26	-5.707e+04	-3.212e+04	5510.19
1	87	-143.20	-4.025e+04	173.51	60.67	5169.34	-3.124e+04	1550.70
1	87	-92.30	-3.870e+04	154.94	233.34	1.191e+04	-1.918e+04	-1221.75
1	87	-41.40	-3.693e+04	148.14	313.41	-6012.07	-2398.32	-3524.41
1	87	9.50	-3.486e+04	151.15	285.59	-2.040e+04	1.515e+04	-3369.91
1	88	-245.00	-4.039e+04	175.95	-150.26	-1.071e+05	-3.957e+04	4113.92
1	88	-194.10	-4.040e+04	260.29	-150.26	-5.513e+04	-3.093e+04	5334.99
1	88	-143.20	-3.836e+04	213.45	60.70	4487.96	-2.994e+04	1514.26
1	88	-92.30	-3.678e+04	195.81	225.24	1.083e+04	-1.828e+04	-1175.18
1	88	-41.40	-3.496e+04	189.40	299.53	-7204.10	-2227.13	-3349.14
1	88	9.50	-3.284e+04	192.03	273.27	-2.280e+04	1.453e+04	-3167.24
1	91	-245.00	-4.021e+04	173.38	-149.34	-1.067e+05	-3.946e+04	4074.00
1	91	-194.10	-4.023e+04	257.20	-149.34	-5.506e+04	-3.081e+04	5285.80
1	91	-143.20	-3.820e+04	210.60	60.98	4077.20	-2.980e+04	1490.84
1	91	-92.30	-3.661e+04	193.07	224.52	1.020e+04	-1.817e+04	-1183.60
1	91	-41.40	-3.479e+04	186.73	298.10	-7897.84	-2200.26	-3346.35
1	91	9.50	-3.268e+04	189.38	271.71	-2.348e+04	1.446e+04	-3152.29
1	92	-245.00	-4.141e+04	150.91	-154.09	-1.094e+05	-4.044e+04	4171.98
1	92	-194.10	-4.145e+04	236.14	-154.09	-5.627e+04	-3.160e+04	5420.43
1	92	-143.20	-3.943e+04	188.35	60.80	4732.48	-3.067e+04	1526.75
1	92	-92.30	-3.786e+04	170.19	229.81	1.122e+04	-1.878e+04	-1206.49
1	92	-41.40	-3.607e+04	163.58	307.28	-6766.38	-2319.10	-3453.18
1	92	9.50	-3.399e+04	166.44	280.04	-2.163e+04	1.487e+04	-3282.86

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-5.956e+04

-4525.80

-223.41

-5.416e+05

-5.706e+04

-7631.09

-2.919e+04

5119.44

442.92

3.731e+05

2.901e+04

7787.09

Macro	Tipo	Angolo 1-Z (gradi)
2	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
2	4	-245.00	-6.472e+04	699.95	-42.10	-1.523e+06	-2.954e+04	3039.08
2	4	-194.10	-6.528e+04	592.41	-42.10	-1.425e+06	-1.981e+04	-2238.33
2	4	-143.20	-6.768e+04	446.37	225.35	-2.087e+06	-9391.40	2746.25
2	4	-92.30	-6.777e+04	380.67	231.32	-2.194e+06	2985.12	2361.71
2	4	-41.40	-6.803e+04	-399.21	25.56	-2.513e+06	3648.71	-497.47
2	4	9.50	-6.738e+04	-1233.71	-35.06	-1.392e+04	-448.88	862.70
2	5	-245.00	-4.050e+04	-215.27	-14.55	-9.928e+05	-2.113e+04	1908.06
2	5	-194.10	-4.081e+04	-293.86	-14.55	-9.087e+05	-1.313e+04	-1122.80
2	5	-143.20	-4.165e+04	-162.01	157.97	-1.309e+06	-5699.50	1914.52
2	5	-92.30	-4.094e+04	-205.37	153.02	-1.333e+06	2399.54	1690.66
2	5	-41.40	-4.029e+04	-630.04	19.64	-1.485e+06	2897.14	8.89
2	5	9.50	-3.903e+04	-1062.40	-21.59	-1.570e+04	428.24	1320.37
2	9	-245.00	-5.632e+04	-155.52	-24.15	-1.364e+06	-2.824e+04	2743.17
2	9	-194.10	-5.675e+04	-264.99	-24.15	-1.253e+06	-1.781e+04	-1577.04
2	9	-143.20	-5.818e+04	-154.13	209.31	-1.816e+06	-8037.42	2685.12
2	9	-92.30	-5.746e+04	-211.38	206.35	-1.864e+06	2869.66	2475.15
2	9	-41.40	-5.687e+04	-818.65	28.63	-2.090e+06	3635.27	159.89
2	9	9.50	-5.544e+04	-1446.63	-24.47	-1.367e+04	644.52	1471.48
2	28	-245.00	-4.410e+04	925.32	32.61	-9.305e+05	-3.643e+04	-700.61
2	28	-194.10	-4.445e+04	846.28	32.61	-8.496e+05	-2.859e+04	839.47
2	28	-143.20	-4.583e+04	1092.77	230.09	-1.249e+06	-1.740e+04	3523.24
2	28	-92.30	-4.552e+04	855.02	204.88	-1.270e+06	-5600.87	1312.15
2	28	-41.40	-4.527e+04	552.26	-60.48	-1.442e+06	-5636.47	-2936.33
2	28	9.50	-4.428e+04	70.63	-212.24	-2.040e+05	-1.493e+04	2259.80
2	29	-245.00	-4.220e+04	-884.42	-72.12	-1.157e+06	-6722.60	4735.08
2	29	-194.10	-4.255e+04	-963.46	-72.12	-1.076e+06	1113.92	-3456.84
2	29	-143.20	-4.345e+04	-1092.84	95.47	-1.539e+06	5163.65	390.61
2	29	-92.30	-4.279e+04	-946.52	116.17	-1.601e+06	1.043e+04	2082.74
2	29	-41.40	-4.226e+04	-1596.47	98.90	-1.788e+06	1.143e+04	2652.04
2	29	9.50	-4.119e+04	-2103.08	164.35	-2.339e+05	1.526e+04	9.90
2	43	-245.00	-4.344e+04	-2245.83	10.78	-1.601e+06	-2.930e+04	5737.04
2	43	-194.10	-4.379e+04	-2324.87	10.78	-1.520e+06	-2.147e+04	-2151.98
2	43	-143.20	-4.471e+04	-3437.57	195.03	-1.948e+06	-1.208e+04	-1039.77
2	43	-92.30	-4.417e+04	-3593.24	192.57	-2.042e+06	-1860.08	-2580.39
2	43	-41.40	-4.378e+04	-4193.52	44.35	-2.289e+06	419.58	-3194.96
2	43	9.50	-4.255e+04	-4920.92	-35.35	-6.182e+05	-1462.49	-349.92
2	45	-245.00	-4.287e+04	-2369.67	-23.09	-1.571e+06	-1.985e+04	6618.82
2	45	-194.10	-4.322e+04	-2448.72	-23.09	-1.490e+06	-1.201e+04	-3195.19
2	45	-143.20	-4.405e+04	-3471.45	152.65	-1.936e+06	-4888.12	-1407.10
2	45	-92.30	-4.342e+04	-3503.25	162.86	-2.033e+06	3256.96	-1661.87
2	45	-41.40	-4.295e+04	-4178.63	84.06	-2.272e+06	5526.56	-1152.74
2	45	9.50	-4.173e+04	-4874.37	70.18	-6.391e+05	7114.03	-723.97
2	60	-245.00	-4.435e+04	1169.95	46.76	-8.998e+05	-4.044e+04	-1435.40
2	60	-194.10	-4.470e+04	1090.91	46.76	-8.189e+05	-3.261e+04	1420.04
2	60	-143.20	-4.615e+04	1388.25	248.27	-1.210e+06	-2.045e+04	3946.64
2	60	-92.30	-4.588e+04	1098.52	216.86	-1.225e+06	-7767.03	1208.01
2	60	-41.40	-4.568e+04	842.68	-82.03	-1.396e+06	-7943.98	-3691.52
2	60	9.50	-4.469e+04	364.33	-263.14	2.631e+05	-1.901e+04	2563.63
2	61	-245.00	-4.195e+04	-1129.05	-86.27	-1.188e+06	-2708.42	5469.88
2	61	-194.10	-4.230e+04	-1208.09	-86.27	-1.107e+06	5128.10	-4037.41
2	61	-143.20	-4.313e+04	-1388.32	77.29	-1.578e+06	8212.99	-32.79
2	61	-92.30	-4.243e+04	-1190.02	104.20	-1.646e+06	1.259e+04	2186.88
2	61	-41.40	-4.185e+04	-1886.89	120.45	-1.834e+06	1.374e+04	3407.23
2	61	9.50	-4.077e+04	-2396.78	215.24	-2.931e+05	1.934e+04	-293.93
2	75	-245.00	-4.352e+04	-2858.69	19.02	-1.751e+06	-3.139e+04	6742.19
2	75	-194.10	-4.387e+04	-2937.73	19.02	-1.670e+06	-2.355e+04	-2379.92
2	75	-143.20	-4.473e+04	-4367.11	203.75	-2.097e+06	-1.370e+04	-1849.58
2	75	-92.30	-4.417e+04	-4552.52	201.22	-2.206e+06	-3015.44	-3736.58
2	75	-41.40	-4.379e+04	-5186.33	51.14	-2.471e+06	-250.51	-4020.62
2	75	9.50	-4.250e+04	-5976.89	-38.44	-7.812e+05	-1901.79	-752.11
2	77	-245.00	-4.280e+04	-3015.99	-23.99	-1.714e+06	-1.938e+04	7862.46
2	77	-194.10	-4.315e+04	-3095.03	-23.99	-1.633e+06	-1.155e+04	-3705.07
2	77	-143.20	-4.389e+04	-4410.14	149.92	-2.082e+06	-4555.34	-2316.24
2	77	-92.30	-4.322e+04	-4438.16	163.49	-2.195e+06	3484.77	-2569.80
2	77	-41.40	-4.273e+04	-5167.35	101.60	-2.450e+06	6237.32	-1426.36
2	77	9.50	-4.146e+04	-5917.63	95.62	-8.078e+05	8993.68	-1226.99
2	79	-245.00	-4.129e+04	-147.48	-15.97	-1.008e+06	-2.127e+04	1938.87
2	79	-194.10	-4.160e+04	-226.22	-15.97	-9.248e+05	-1.331e+04	-1177.19

2	79	-143.20	-4.254e+04	-114.97	159.54	-1.334e+06	-5811.89	1928.23
2	79	-92.30	-4.189e+04	-159.07	155.32	-1.363e+06	2419.62	1692.92
2	79	-41.40	-4.132e+04	-598.86	19.48	-1.523e+06	2911.45	-35.78
2	79	9.50	-4.012e+04	-1049.23	-22.37	-1.556e+04	358.93	1269.38
2	82	-245.00	-4.813e+04	401.77	-29.25	-1.139e+06	-2.244e+04	2264.03
2	82	-194.10	-4.854e+04	319.68	-29.25	-1.063e+06	-1.486e+04	-1612.92
2	82	-143.20	-5.020e+04	250.89	170.46	-1.553e+06	-6960.92	2078.79
2	82	-92.30	-5.013e+04	201.70	173.39	-1.624e+06	2299.31	1798.69
2	82	-41.40	-5.018e+04	-366.77	19.74	-1.853e+06	2811.13	-306.64
2	82	9.50	-4.954e+04	-971.15	-25.84	-1.145e+04	-205.19	778.38
2	83	-245.00	-4.252e+04	-168.53	-17.28	-1.033e+06	-2.157e+04	2066.75
2	83	-194.10	-4.285e+04	-251.92	-17.28	-9.482e+05	-1.353e+04	-1172.06
2	83	-143.20	-4.387e+04	-149.44	159.76	-1.372e+06	-6058.27	2038.04
2	83	-92.30	-4.326e+04	-192.99	156.74	-1.405e+06	2222.33	1874.32
2	83	-41.40	-4.274e+04	-646.40	21.79	-1.571e+06	2802.16	131.60
2	83	9.50	-4.158e+04	-1113.09	-18.78	-1.128e+04	523.74	1184.23
2	86	-245.00	-4.129e+04	-147.48	-15.97	-1.008e+06	-2.127e+04	1938.87
2	86	-194.10	-4.160e+04	-226.22	-15.97	-9.248e+05	-1.331e+04	-1177.19
2	86	-143.20	-4.254e+04	-114.97	159.54	-1.334e+06	-5811.89	1928.23
2	86	-92.30	-4.189e+04	-159.07	155.32	-1.363e+06	2419.62	1692.92
2	86	-41.40	-4.132e+04	-598.86	19.48	-1.523e+06	2911.45	-35.78
2	86	9.50	-4.012e+04	-1049.23	-22.37	-1.556e+04	358.93	1269.38
2	87	-245.00	-4.440e+04	132.41	-22.28	-1.067e+06	-2.178e+04	2069.48
2	87	-194.10	-4.476e+04	53.16	-22.28	-9.880e+05	-1.403e+04	-1396.34
2	87	-143.20	-4.604e+04	76.58	164.94	-1.434e+06	-6324.81	1976.05
2	87	-92.30	-4.567e+04	29.80	164.00	-1.484e+06	2408.79	1700.46
2	87	-41.40	-4.539e+04	-470.94	19.03	-1.676e+06	2888.61	-213.06
2	87	9.50	-4.447e+04	-994.22	-25.00	-1.457e+04	35.67	1045.16
2	88	-245.00	-4.153e+04	-151.69	-16.23	-1.013e+06	-2.133e+04	1964.45
2	88	-194.10	-4.185e+04	-231.36	-16.23	-9.295e+05	-1.335e+04	-1176.17
2	88	-143.20	-4.280e+04	-121.86	159.58	-1.342e+06	-5861.17	1950.19
2	88	-92.30	-4.216e+04	-165.85	155.61	-1.372e+06	2380.16	1729.20
2	88	-41.40	-4.160e+04	-608.37	19.94	-1.533e+06	2889.60	-2.31
2	88	9.50	-4.042e+04	-1062.00	-21.65	-1.471e+04	391.89	1252.35
2	91	-245.00	-4.129e+04	-147.48	-15.97	-1.008e+06	-2.127e+04	1938.87
2	91	-194.10	-4.160e+04	-226.22	-15.97	-9.248e+05	-1.331e+04	-1177.19
2	91	-143.20	-4.254e+04	-114.97	159.54	-1.334e+06	-5811.89	1928.23
2	91	-92.30	-4.189e+04	-159.07	155.32	-1.363e+06	2419.62	1692.92
2	91	-41.40	-4.132e+04	-598.86	19.48	-1.523e+06	2911.45	-35.78
2	91	9.50	-4.012e+04	-1049.23	-22.37	-1.556e+04	358.93	1269.38
2	92	-245.00	-4.315e+04	20.45	-19.76	-1.044e+06	-2.158e+04	2017.24
2	92	-194.10	-4.350e+04	-58.59	-19.76	-9.628e+05	-1.374e+04	-1308.68
2	92	-143.20	-4.464e+04	-0.04	162.78	-1.394e+06	-6119.65	1956.92
2	92	-92.30	-4.416e+04	-45.75	160.53	-1.436e+06	2413.12	1697.44
2	92	-41.40	-4.376e+04	-522.11	19.21	-1.615e+06	2897.75	-142.15
2	92	9.50	-4.273e+04	-1016.23	-23.95	-1.497e+04	164.97	1134.85

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-6.803e+04	-5976.89	-263.14	-2.513e+06	-4.044e+04	-4037.41
	-3.903e+04	1388.25	248.27	2.631e+05	1.934e+04	7862.46

Macro	Tipo	Angolo 1-Z (gradi)
3	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
3	3	-345.00	-3.710e+04	-25.72	88.24	-9.651e+04	9278.14	5558.64
3	3	-295.00	-3.752e+04	-85.59	88.24	1.121e+04	5717.95	1.079e+04
3	3	-245.00	-3.513e+04	-226.40	144.56	1.220e+05	1.559e+04	6685.38
3	3	-194.10	-1.332e+05	-788.76	37.36	1.210e+07	2061.11	-6757.57
3	3	-143.20	-1.319e+05	1694.94	544.29	2.143e+07	4.023e+04	979.95
3	3	-92.30	-1.245e+05	1575.67	213.15	2.090e+07	5.285e+04	1774.30
3	3	-41.40	-1.161e+05	1578.87	-429.28	1.236e+07	2.830e+04	-8327.00
3	3	9.50	-1.070e+05	1782.20	-656.30	1.035e+07	-2.295e+04	410.67
3	4	-345.00	-3.778e+04	19.78	93.89	-9.500e+04	9734.46	5459.38
3	4	-295.00	-3.821e+04	-39.02	93.89	1.798e+04	6226.54	1.071e+04
3	4	-245.00	-3.584e+04	-179.91	149.94	1.344e+05	1.646e+04	6641.29
3	4	-194.10	-1.354e+05	-752.80	39.16	1.209e+07	2697.05	-6758.92
3	4	-143.20	-1.343e+05	1758.75	543.85	2.158e+07	4.095e+04	979.54
3	4	-92.30	-1.269e+05	1637.81	206.25	2.103e+07	5.319e+04	1767.33
3	4	-41.40	-1.186e+05	1637.32	-435.95	1.233e+07	2.822e+04	-8466.97
3	4	9.50	-1.095e+05	1835.41	-654.94	1.027e+07	-2.301e+04	310.92

3	5	-345.00	-2.526e+04	-72.65	76.12	-9.816e+04	7986.27	3113.60
3	5	-295.00	-2.552e+04	-130.37	76.12	-2.319e+04	5894.98	6533.18
3	5	-245.00	-2.362e+04	-254.95	100.40	4.740e+04	1.284e+04	4042.18
3	5	-194.10	-8.945e+04	-322.96	34.63	8.321e+06	1.033e+04	-5363.87
3	5	-143.20	-8.808e+04	1252.89	195.53	1.458e+07	2.597e+04	-410.66
3	5	-92.30	-8.294e+04	1168.79	-10.93	1.430e+07	2.556e+04	1163.23
3	5	-41.40	-7.710e+04	1167.16	-280.63	8.717e+06	9124.22	-3721.82
3	5	9.50	-7.060e+04	1293.66	-291.80	7.471e+06	-1.390e+04	-81.50
3	11	-345.00	-3.738e+04	48.07	102.23	-1.012e+05	1.047e+04	4976.42
3	11	-295.00	-3.780e+04	-13.49	102.23	1.444e+04	7226.99	1.004e+04
3	11	-245.00	-3.542e+04	-160.13	151.73	1.317e+05	1.761e+04	6235.08
3	11	-194.10	-1.334e+05	-622.25	42.87	1.177e+07	6213.38	-6818.63
3	11	-143.20	-1.323e+05	1807.68	469.93	2.111e+07	4.005e+04	595.92
3	11	-92.30	-1.251e+05	1687.51	141.65	2.061e+07	4.856e+04	1693.71
3	11	-41.40	-1.170e+05	1682.03	-426.49	1.206e+07	2.395e+04	-7730.38
3	11	9.50	-1.081e+05	1865.21	-583.58	1.006e+07	-2.187e+04	71.56
3	27	-345.00	-2.830e+04	1255.85	72.33	-2.134e+05	7044.12	4921.45
3	27	-295.00	-2.858e+04	1201.71	72.33	-1.360e+05	4753.63	8676.39
3	27	-245.00	-2.674e+04	1124.42	83.10	-1.496e+04	1.175e+04	5997.70
3	27	-194.10	-9.648e+04	3344.34	100.66	7.644e+06	-1.034e+04	-5995.81
3	27	-143.20	-9.509e+04	6477.26	377.79	1.425e+07	1.431e+04	-965.42
3	27	-92.30	-8.970e+04	6494.99	111.66	1.399e+07	2.169e+04	-704.51
3	27	-41.40	-8.345e+04	6558.10	-284.41	8.002e+06	6006.14	-9801.75
3	27	9.50	-7.678e+04	6891.85	-396.49	6.752e+06	-2.296e+04	-3360.67
3	34	-345.00	-2.302e+04	-478.61	52.35	3.497e+04	2.254e+04	-515.85
3	34	-295.00	-2.330e+04	-532.75	52.35	1.124e+05	2.025e+04	1856.65
3	34	-245.00	-2.154e+04	-668.27	145.50	1.549e+05	2.818e+04	-672.44
3	34	-194.10	-8.224e+04	-2130.24	-122.76	7.586e+06	6.821e+04	-8496.10
3	34	-143.20	-8.143e+04	-1844.71	-74.38	1.340e+07	7.508e+04	-2961.30
3	34	-92.30	-7.699e+04	-2099.49	-252.69	1.319e+07	6.192e+04	3858.05
3	34	-41.40	-7.184e+04	-2037.63	-332.36	7.991e+06	3.684e+04	6510.58
3	34	9.50	-6.567e+04	-2226.93	-119.14	6.652e+06	1.323e+04	7899.60
3	37	-345.00	-2.859e+04	-265.30	94.77	-1.517e+05	-8880.87	6868.96
3	37	-295.00	-2.887e+04	-319.44	94.77	-7.426e+04	-1.117e+04	1.164e+04
3	37	-245.00	-2.686e+04	-444.27	54.22	1.277e+04	-4813.41	8547.83
3	37	-194.10	-1.047e+05	-475.32	169.15	1.070e+07	-5.173e+04	-3114.48
3	37	-143.20	-1.030e+05	1938.91	594.72	1.798e+07	-2.015e+04	2093.41
3	37	-92.30	-9.681e+04	1995.44	349.44	1.751e+07	-1829.40	-2150.59
3	37	-41.40	-8.992e+04	1862.62	-257.12	1.084e+07	-9913.21	-1.548e+04
3	37	9.50	-8.270e+04	2301.03	-622.72	9.425e+06	-4.261e+04	-7487.93
3	43	-345.00	-2.908e+04	774.37	80.39	-1.942e+05	-3953.40	6471.63
3	43	-295.00	-2.936e+04	720.23	80.39	-1.167e+05	-6243.89	1.076e+04
3	43	-245.00	-2.742e+04	626.66	39.02	-3937.81	-303.81	7639.13
3	43	-194.10	-1.043e+05	2321.73	182.75	1.005e+07	-5.060e+04	-7497.62
3	43	-143.20	-1.028e+05	5379.40	623.26	1.720e+07	-1.819e+04	-2556.74
3	43	-92.30	-9.669e+04	5512.64	353.56	1.674e+07	474.60	-4522.70
3	43	-41.40	-8.982e+04	5413.82	-261.33	1.013e+07	-8333.20	-1.881e+04
3	43	9.50	-8.280e+04	6058.12	-619.28	8.675e+06	-4.141e+04	-9753.29
3	59	-345.00	-2.885e+04	1610.49	72.00	-2.466e+05	6859.71	5313.52
3	59	-295.00	-2.913e+04	1556.35	72.00	-1.692e+05	4569.22	9108.66
3	59	-245.00	-2.730e+04	1490.55	77.54	-3.571e+04	1.153e+04	6434.20
3	59	-194.10	-9.730e+04	4359.34	119.02	7.375e+06	-1.519e+04	-6181.08
3	59	-143.20	-9.587e+04	7885.13	408.52	1.400e+07	1.075e+04	-1213.78
3	59	-92.30	-9.045e+04	7931.01	130.31	1.376e+07	1.938e+04	-1227.88
3	59	-41.40	-8.414e+04	8011.06	-281.30	7.739e+06	4112.27	-1.122e+04
3	59	9.50	-7.746e+04	8398.50	-407.07	6.514e+06	-2.509e+04	-4278.09
3	66	-345.00	-2.215e+04	-592.74	46.62	6.892e+04	2.654e+04	-1593.48
3	66	-295.00	-2.243e+04	-646.88	46.62	1.463e+05	2.425e+04	444.82
3	66	-245.00	-2.070e+04	-786.64	156.80	1.801e+05	3.240e+04	-2035.74
3	66	-194.10	-7.921e+04	-2595.26	-164.82	7.301e+06	8.458e+04	-9352.25
3	66	-143.20	-7.852e+04	-2686.37	-165.89	1.292e+07	8.794e+04	-3744.30
3	66	-92.30	-7.430e+04	-2986.62	-332.56	1.273e+07	7.051e+04	4574.00
3	66	-41.40	-6.939e+04	-2907.86	-342.07	7.725e+06	4.330e+04	9507.81
3	66	9.50	-6.336e+04	-3185.05	-54.71	6.387e+06	2.090e+04	1.003e+04
3	69	-345.00	-2.922e+04	-321.82	100.50	-1.681e+05	-1.337e+04	7787.94
3	69	-295.00	-2.950e+04	-375.95	100.50	-9.073e+04	-1.566e+04	1.288e+04
3	69	-245.00	-2.745e+04	-502.14	40.85	-473.06	-9514.52	9671.95
3	69	-194.10	-1.078e+05	-493.27	206.03	1.126e+07	-6.778e+04	-2521.95
3	69	-143.20	-1.060e+05	2119.52	684.08	1.874e+07	-3.303e+04	2671.11
3	69	-92.30	-9.948e+04	2214.71	432.33	1.822e+07	-1.049e+04	-3065.95
3	69	-41.40	-9.236e+04	2046.11	-246.71	1.135e+07	-1.612e+04	-1.844e+04
3	69	9.50	-8.499e+04	2566.27	-694.45	9.909e+06	-5.007e+04	-9523.96
3	75	-345.00	-2.984e+04	998.87	82.23	-2.221e+05	-7109.34	7282.80
3	75	-295.00	-3.012e+04	944.73	82.23	-1.447e+05	-9399.83	1.175e+04
3	75	-245.00	-2.817e+04	858.26	21.54	-2.170e+04	-3785.00	8519.13
3	75	-194.10	-1.072e+05	3060.10	223.30	1.043e+07	-6.634e+04	-8087.89
3	75	-143.20	-1.057e+05	6490.24	720.34	1.774e+07	-3.054e+04	-3235.15

3	75	-92.30	-9.933e+04	6682.90	437.59	1.725e+07	-7562.91	-6078.25
3	75	-41.40	-9.224e+04	6557.26	-252.01	1.044e+07	-1.411e+04	-2.267e+04
3	75	9.50	-8.511e+04	7339.33	-690.19	8.956e+06	-4.854e+04	-1.240e+04
3	79	-345.00	-2.554e+04	-67.69	75.36	-9.582e+04	7910.45	3214.43
3	79	-295.00	-2.581e+04	-124.40	75.36	-2.014e+04	5761.95	6687.42
3	79	-245.00	-2.392e+04	-248.00	101.31	5.168e+04	1.276e+04	4139.33
3	79	-194.10	-9.064e+04	-346.28	34.06	8.435e+06	9560.12	-5354.76
3	79	-143.20	-8.931e+04	1260.09	215.15	1.478e+07	2.641e+04	-307.84
3	79	-92.30	-8.412e+04	1175.20	4.31	1.449e+07	2.688e+04	1180.59
3	79	-41.40	-7.822e+04	1174.01	-285.29	8.814e+06	1.022e+04	-3968.24
3	79	9.50	-7.168e+04	1303.40	-310.78	7.541e+06	-1.427e+04	-59.22
3	81	-345.00	-2.795e+04	-29.47	69.38	-7.868e+04	7290.70	4067.13
3	81	-295.00	-2.826e+04	-77.63	69.38	2759.53	4668.91	7985.45
3	81	-245.00	-2.642e+04	-188.63	109.28	8.536e+04	1.215e+04	4944.06
3	81	-194.10	-1.001e+05	-556.47	29.82	9.115e+06	3159.23	-5225.09
3	81	-143.20	-9.902e+04	1293.17	378.46	1.612e+07	3.004e+04	543.71
3	81	-92.30	-9.345e+04	1202.86	132.52	1.574e+07	3.793e+04	1328.71
3	81	-41.40	-8.710e+04	1204.55	-321.12	9.348e+06	1.950e+04	-5916.15
3	81	9.50	-8.018e+04	1355.43	-466.32	7.857e+06	-1.695e+04	251.03
3	82	-345.00	-2.841e+04	0.86	73.14	-7.767e+04	7594.92	4000.96
3	82	-295.00	-2.873e+04	-46.58	73.14	7272.45	5007.97	7928.87
3	82	-245.00	-2.689e+04	-157.64	112.86	9.364e+04	1.273e+04	4914.67
3	82	-194.10	-1.016e+05	-532.49	31.03	9.106e+06	3583.18	-5225.99
3	82	-143.20	-1.006e+05	1335.71	378.17	1.622e+07	3.053e+04	543.44
3	82	-92.30	-9.505e+04	1244.29	127.92	1.583e+07	3.816e+04	1324.06
3	82	-41.40	-8.871e+04	1243.52	-325.57	9.329e+06	1.944e+04	-6009.47
3	82	9.50	-8.182e+04	1390.90	-465.41	7.808e+06	-1.700e+04	184.54
3	85	-345.00	-2.814e+04	19.72	78.70	-8.180e+04	8085.06	3678.98
3	85	-295.00	-2.845e+04	-29.56	78.70	4914.13	5674.94	7482.89
3	85	-245.00	-2.661e+04	-144.45	114.05	9.182e+04	1.350e+04	4643.86
3	85	-194.10	-1.002e+05	-445.46	33.50	8.893e+06	5927.41	-5265.79
3	85	-143.20	-9.926e+04	1368.33	328.89	1.591e+07	2.993e+04	287.69
3	85	-92.30	-9.385e+04	1277.42	84.85	1.555e+07	3.507e+04	1274.98
3	85	-41.40	-8.767e+04	1273.32	-319.26	9.150e+06	1.660e+04	-5518.41
3	85	9.50	-8.090e+04	1410.77	-417.84	7.664e+06	-1.624e+04	24.96
3	86	-345.00	-2.554e+04	-67.69	75.36	-9.582e+04	7910.45	3214.43
3	86	-295.00	-2.581e+04	-124.40	75.36	-2.014e+04	5761.95	6687.42
3	86	-245.00	-2.392e+04	-248.00	101.31	5.168e+04	1.276e+04	4139.33
3	86	-194.10	-9.064e+04	-346.28	34.06	8.435e+06	9560.12	-5354.76
3	86	-143.20	-8.931e+04	1260.09	215.15	1.478e+07	2.641e+04	-307.84
3	86	-92.30	-8.412e+04	1175.20	4.31	1.449e+07	2.688e+04	1180.59
3	86	-41.40	-7.822e+04	1174.01	-285.29	8.814e+06	1.022e+04	-3968.24
3	86	9.50	-7.168e+04	1303.40	-310.78	7.541e+06	-1.427e+04	-59.22
3	87	-345.00	-2.675e+04	-48.58	72.37	-8.725e+04	7600.58	3640.78
3	87	-295.00	-2.703e+04	-101.01	72.37	-8692.52	5215.43	7336.43
3	87	-245.00	-2.517e+04	-218.32	105.29	6.852e+04	1.245e+04	4541.70
3	87	-194.10	-9.536e+04	-451.37	31.94	8.775e+06	6359.67	-5289.92
3	87	-143.20	-9.417e+04	1276.63	296.81	1.545e+07	2.823e+04	117.94
3	87	-92.30	-8.878e+04	1189.03	68.41	1.511e+07	3.241e+04	1254.65
3	87	-41.40	-8.266e+04	1189.28	-303.21	9.081e+06	1.486e+04	-4942.20
3	87	9.50	-7.593e+04	1329.41	-388.55	7.699e+06	-1.561e+04	95.90
3	90	-345.00	-2.645e+04	-44.10	75.07	-9.027e+04	7846.21	3443.77
3	90	-295.00	-2.673e+04	-97.95	75.07	-1.147e+04	5569.66	7054.20
3	90	-245.00	-2.486e+04	-217.79	105.13	6.510e+04	1.281e+04	4368.99
3	90	-194.10	-9.407e+04	-399.74	33.27	8.635e+06	7809.44	-5316.22
3	90	-143.20	-9.285e+04	1287.03	264.03	1.522e+07	2.770e+04	-52.49
3	90	-92.30	-8.756e+04	1200.07	40.93	1.490e+07	3.029e+04	1223.17
3	90	-41.40	-8.153e+04	1198.76	-297.82	8.967e+06	1.298e+04	-4589.94
3	90	9.50	-7.489e+04	1333.20	-357.08	7.616e+06	-1.509e+04	7.25
3	91	-345.00	-2.554e+04	-67.69	75.36	-9.582e+04	7910.45	3214.43
3	91	-295.00	-2.581e+04	-124.40	75.36	-2.014e+04	5761.95	6687.42
3	91	-245.00	-2.392e+04	-248.00	101.31	5.168e+04	1.276e+04	4139.33
3	91	-194.10	-9.064e+04	-346.28	34.06	8.435e+06	9560.12	-5354.76
3	91	-143.20	-8.931e+04	1260.09	215.15	1.478e+07	2.641e+04	-307.84
3	91	-92.30	-8.412e+04	1175.20	4.31	1.449e+07	2.688e+04	1180.59
3	91	-41.40	-7.822e+04	1174.01	-285.29	8.814e+06	1.022e+04	-3968.24
3	91	9.50	-7.168e+04	1303.40	-310.78	7.541e+06	-1.427e+04	-59.22
3	92	-345.00	-2.627e+04	-56.23	73.57	-9.068e+04	7724.53	3470.24
3	92	-295.00	-2.654e+04	-110.37	73.57	-1.327e+04	5434.04	7076.83
3	92	-245.00	-2.467e+04	-230.19	103.70	6.178e+04	1.258e+04	4380.75
3	92	-194.10	-9.348e+04	-409.33	32.79	8.639e+06	7639.85	-5315.86
3	92	-143.20	-9.222e+04	1270.01	264.15	1.518e+07	2.750e+04	-52.38
3	92	-92.30	-8.692e+04	1183.50	42.77	1.486e+07	3.020e+04	1225.03
3	92	-41.40	-8.089e+04	1183.17	-296.04	8.974e+06	1.300e+04	-4552.61
3	92	9.50	-7.423e+04	1319.01	-357.44	7.636e+06	-1.508e+04	33.85

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-1.354e+05	-3185.05	-694.45	-2.466e+05	-6.778e+04	-2.267e+04
-2.070e+04	8398.50	720.34	2.158e+07	8.794e+04	1.288e+04

Macro	Tipo	Angolo 1-Z (gradi)
4	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
4	1	-245.00	-4.850e+04	131.24	-86.47	4.015e+05	-1.136e+04	6143.82
4	1	-194.10	-4.833e+04	691.19	-86.47	3.788e+05	-1.172e+04	6533.49
4	1	-143.20	-4.574e+04	634.76	-25.29	2.329e+05	-1.434e+04	856.93
4	1	-92.30	-4.324e+04	819.26	90.50	2.540e+05	-9471.08	-1293.11
4	1	-41.40	-4.015e+04	888.25	145.65	4.147e+05	-1241.13	-3676.63
4	1	9.50	-3.638e+04	795.82	131.54	5.855e+05	7471.33	-967.30
4	4	-245.00	-5.483e+04	-724.67	-96.97	3.763e+05	-9111.22	6900.46
4	4	-194.10	-5.461e+04	-94.15	-96.97	3.011e+05	-1.141e+04	7257.22
4	4	-143.20	-5.185e+04	-171.14	-51.31	1.259e+05	-1.564e+04	1035.23
4	4	-92.30	-4.910e+04	15.73	90.09	1.449e+05	-1.077e+04	-1073.22
4	4	-41.40	-4.571e+04	60.77	163.22	3.210e+05	-1509.37	-3478.22
4	4	9.50	-4.156e+04	-57.39	153.49	5.090e+05	8918.59	-461.55
4	5	-245.00	-3.643e+04	208.61	-65.06	3.091e+05	-9044.80	4624.09
4	5	-194.10	-3.630e+04	629.03	-65.06	2.985e+05	-9058.79	4929.28
4	5	-143.20	-3.433e+04	588.52	-15.92	1.902e+05	-1.085e+04	637.59
4	5	-92.30	-3.244e+04	730.25	69.52	2.066e+05	-7113.07	-1018.71
4	5	-41.40	-3.011e+04	786.76	109.43	3.278e+05	-933.10	-2852.12
4	5	9.50	-2.727e+04	719.18	97.98	4.567e+05	5518.10	-822.46
4	20	-245.00	-3.808e+04	1153.93	-132.43	2.661e+05	865.37	5443.28
4	20	-194.10	-3.794e+04	1592.99	-132.43	2.415e+05	307.39	7207.12
4	20	-143.20	-3.595e+04	1570.00	-59.17	1.320e+05	-4645.38	1778.30
4	20	-92.30	-3.376e+04	1797.34	45.87	1.377e+05	-2495.98	793.82
4	20	-41.40	-3.131e+04	1976.55	99.90	2.763e+05	3115.57	-823.96
4	20	9.50	-2.846e+04	1940.81	100.80	4.200e+05	9856.99	1183.82
4	39	-245.00	-3.241e+04	-422.28	138.58	1.516e+05	-3.355e+04	4825.60
4	39	-194.10	-3.227e+04	16.78	138.58	1.270e+05	-3.411e+04	1769.99
4	39	-143.20	-3.056e+04	-12.91	116.65	4.304e+04	-2.768e+04	-319.48
4	39	-92.30	-2.888e+04	-29.01	144.56	8.067e+04	-1.874e+04	-2696.51
4	39	-41.40	-2.681e+04	37.22	125.60	2.028e+05	-1.031e+04	-4589.13
4	39	9.50	-2.416e+04	-53.68	68.46	3.266e+05	-3735.14	-2300.88
4	40	-245.00	-4.277e+04	970.25	-275.70	4.118e+05	1.771e+04	5146.44
4	40	-194.10	-4.263e+04	1409.31	-275.70	3.872e+05	1.716e+04	9044.49
4	40	-143.20	-4.037e+04	1362.28	-159.67	2.483e+05	6195.51	2115.61
4	40	-92.30	-3.806e+04	1682.89	-6.60	2.404e+05	4692.74	1444.04
4	40	-41.40	-3.534e+04	1789.89	96.45	3.756e+05	9018.25	-223.52
4	40	9.50	-3.219e+04	1750.75	131.63	5.226e+05	1.612e+04	1699.13
4	46	-245.00	-4.372e+04	434.30	-279.01	4.693e+05	1.719e+04	5184.64
4	46	-194.10	-4.358e+04	873.36	-279.01	4.447e+05	1.663e+04	8749.70
4	46	-143.20	-4.118e+04	813.12	-164.71	2.912e+05	5310.41	1864.10
4	46	-92.30	-3.899e+04	1111.49	-9.01	2.828e+05	3722.47	1078.50
4	46	-41.40	-3.623e+04	1142.93	101.22	4.118e+05	8201.97	-716.36
4	46	9.50	-3.296e+04	1091.55	139.09	5.595e+05	1.546e+04	1291.77
4	52	-245.00	-3.808e+04	1469.01	-149.88	2.556e+05	3365.93	5614.06
4	52	-194.10	-3.794e+04	1908.06	-149.88	2.310e+05	2807.95	7775.29
4	52	-143.20	-3.596e+04	1891.37	-68.91	1.232e+05	-2879.36	2075.74
4	52	-92.30	-3.371e+04	2141.82	39.57	1.260e+05	-1156.23	1270.01
4	52	-41.40	-3.126e+04	2356.12	96.11	2.683e+05	4230.80	-288.91
4	52	9.50	-2.843e+04	2330.90	100.02	4.150e+05	1.093e+04	1687.80
4	71	-245.00	-3.089e+04	-532.74	194.39	1.101e+05	-4.035e+04	4830.08
4	71	-194.10	-3.075e+04	-93.68	194.39	8.553e+04	-4.091e+04	869.37
4	71	-143.20	-2.912e+04	-118.91	154.44	1.017e+04	-3.215e+04	-588.81
4	71	-92.30	-2.751e+04	-177.70	164.94	5.366e+04	-2.179e+04	-3163.43
4	71	-41.40	-2.554e+04	-106.97	128.76	1.750e+05	-1.282e+04	-5071.13
4	71	9.50	-2.297e+04	-202.34	58.83	2.963e+05	-6343.80	-2737.21
4	72	-245.00	-4.404e+04	1235.91	-331.90	4.407e+05	2.477e+04	5236.70
4	72	-194.10	-4.390e+04	1674.97	-331.90	4.161e+05	2.421e+04	1.011e+04
4	72	-143.20	-4.158e+04	1627.68	-196.58	2.709e+05	1.089e+04	2504.19
4	72	-92.30	-3.918e+04	1996.64	-27.07	2.565e+05	7976.36	2095.98
4	72	-41.40	-3.637e+04	2119.20	91.73	3.945e+05	1.173e+04	473.40
4	72	9.50	-3.317e+04	2089.59	139.24	5.451e+05	1.888e+04	2340.82
4	78	-245.00	-4.525e+04	555.15	-336.10	5.136e+05	2.410e+04	5285.24
4	78	-194.10	-4.511e+04	994.21	-336.10	4.890e+05	2.354e+04	9734.85
4	78	-143.20	-4.261e+04	930.10	-202.99	3.253e+05	9767.89	2184.74
4	78	-92.30	-4.036e+04	1270.84	-30.14	3.104e+05	6744.14	1631.73

4	78	-41.40	-3.751e+04	1297.39	97.78	4.405e+05	1.069e+04	-152.70
4	78	9.50	-3.414e+04	1252.18	148.72	5.919e+05	1.805e+04	1822.89
4	79	-245.00	-3.693e+04	147.76	-65.88	3.090e+05	-8871.59	4681.70
4	79	-194.10	-3.679e+04	574.01	-65.88	2.945e+05	-9036.40	4983.81
4	79	-143.20	-3.481e+04	531.86	-17.92	1.840e+05	-1.095e+04	649.79
4	79	-92.30	-3.290e+04	673.70	69.57	2.002e+05	-7210.50	-1005.14
4	79	-41.40	-3.055e+04	728.27	110.90	3.228e+05	-945.32	-2838.58
4	79	9.50	-2.767e+04	658.70	99.79	4.531e+05	5647.58	-778.16
4	82	-245.00	-4.114e+04	-422.85	-72.88	2.921e+05	-7372.50	5186.13
4	82	-194.10	-4.098e+04	50.45	-72.88	2.427e+05	-8823.22	5466.30
4	82	-143.20	-3.888e+04	-5.40	-35.26	1.126e+05	-1.182e+04	768.66
4	82	-92.30	-3.681e+04	138.01	69.30	1.275e+05	-8073.38	-858.54
4	82	-41.40	-3.425e+04	176.61	122.62	2.604e+05	-1124.14	-2706.31
4	82	9.50	-3.112e+04	89.89	114.42	4.021e+05	6612.42	-440.99
4	86	-245.00	-3.693e+04	147.76	-65.88	3.090e+05	-8871.59	4681.70
4	86	-194.10	-3.679e+04	574.01	-65.88	2.945e+05	-9036.40	4983.81
4	86	-143.20	-3.481e+04	531.86	-17.92	1.840e+05	-1.095e+04	649.79
4	86	-92.30	-3.290e+04	673.70	69.57	2.002e+05	-7210.50	-1005.14
4	86	-41.40	-3.055e+04	728.27	110.90	3.228e+05	-945.32	-2838.58
4	86	9.50	-2.767e+04	658.70	99.79	4.531e+05	5647.58	-778.16
4	87	-245.00	-3.880e+04	-121.19	-69.11	3.026e+05	-8062.74	4896.66
4	87	-194.10	-3.865e+04	326.41	-69.11	2.713e+05	-8882.82	5183.32
4	87	-143.20	-3.661e+04	277.74	-26.61	1.519e+05	-1.133e+04	695.75
4	87	-92.30	-3.462e+04	419.37	68.90	1.675e+05	-7617.44	-944.33
4	87	-41.40	-3.217e+04	465.59	115.94	2.946e+05	-1058.25	-2780.68
4	87	9.50	-2.917e+04	388.23	106.44	4.299e+05	6061.00	-614.61
4	91	-245.00	-3.693e+04	147.76	-65.88	3.090e+05	-8871.59	4681.70
4	91	-194.10	-3.679e+04	574.01	-65.88	2.945e+05	-9036.40	4983.81
4	91	-143.20	-3.481e+04	531.86	-17.92	1.840e+05	-1.095e+04	649.79
4	91	-92.30	-3.290e+04	673.70	69.57	2.002e+05	-7210.50	-1005.14
4	91	-41.40	-3.055e+04	728.27	110.90	3.228e+05	-945.32	-2838.58
4	91	9.50	-2.767e+04	658.70	99.79	4.531e+05	5647.58	-778.16
4	92	-245.00	-3.805e+04	-13.61	-67.82	3.051e+05	-8386.28	4810.68
4	92	-194.10	-3.791e+04	425.45	-67.82	2.806e+05	-8944.25	5103.52
4	92	-143.20	-3.589e+04	379.39	-23.13	1.647e+05	-1.118e+04	677.37
4	92	-92.30	-3.393e+04	521.10	69.17	1.806e+05	-7454.66	-968.66
4	92	-41.40	-3.152e+04	570.66	113.92	3.059e+05	-1013.07	-2803.84
4	92	9.50	-2.857e+04	496.42	103.78	4.392e+05	5895.63	-680.03

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-5.483e+04
-2.297e+04

-724.67
2356.12

-336.10
194.39

1.017e+04
5.919e+05

-4.091e+04
2.477e+04

-5071.13
1.011e+04

Macro	Tipo	Angolo 1-Z (gradi)
5	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
5	4	-245.00	-7.632e+04	2858.94	-121.55	2.266e+06	-3.362e+04	-8621.58
5	4	-194.10	-7.579e+04	2920.67	-121.55	2.124e+06	-2.593e+04	-2273.15
5	4	-143.20	-7.034e+04	2429.62	170.79	1.632e+06	-1.860e+04	-981.25
5	4	-92.30	-6.458e+04	2412.19	330.55	1.324e+06	-1969.61	3983.04
5	4	-41.40	-5.878e+04	2617.55	411.69	1.249e+06	1.797e+04	8732.51
5	4	9.50	-5.383e+04	3854.85	309.32	1.873e+06	2.606e+04	7947.99
5	5	-245.00	-5.006e+04	1681.20	-65.63	1.364e+06	-2.938e+04	-5283.20
5	5	-194.10	-4.976e+04	1708.11	-65.63	1.301e+06	-2.109e+04	-1376.10
5	5	-143.20	-4.567e+04	1400.47	161.88	1.031e+06	-1.370e+04	-187.02
5	5	-92.30	-4.145e+04	1359.49	262.25	8.903e+05	-499.04	3540.33
5	5	-41.40	-3.714e+04	1453.96	318.43	8.796e+05	1.486e+04	7147.43
5	5	9.50	-3.356e+04	2356.94	238.07	1.299e+06	1.977e+04	6887.73
5	9	-245.00	-6.983e+04	2481.26	-90.38	1.879e+06	-4.051e+04	-7587.25
5	9	-194.10	-6.941e+04	2520.32	-90.38	1.795e+06	-2.903e+04	-1967.12
5	9	-143.20	-6.410e+04	2093.27	225.84	1.414e+06	-1.872e+04	-204.47
5	9	-92.30	-5.857e+04	2045.67	368.57	1.212e+06	-146.02	4849.61
5	9	-41.40	-5.293e+04	2191.59	451.28	1.199e+06	2.169e+04	9746.27
5	9	9.50	-4.827e+04	3422.46	339.08	1.796e+06	2.905e+04	9246.44
5	20	-245.00	-5.523e+04	6558.69	-137.63	1.381e+06	-2.197e+04	-3980.82
5	20	-194.10	-5.489e+04	6592.17	-137.63	1.303e+06	-1.457e+04	1810.85
5	20	-143.20	-5.064e+04	6235.01	114.17	1.066e+06	-1.008e+04	3784.36
5	20	-92.30	-4.615e+04	6207.78	249.49	8.383e+05	3541.13	8790.58
5	20	-41.40	-4.159e+04	6470.28	295.54	9.128e+05	1.599e+04	1.314e+04
5	20	9.50	-3.819e+04	7498.90	213.27	1.522e+06	1.868e+04	1.206e+04

5	36	-245.00	-5.848e+04	4091.54	-289.66	1.703e+06	1.661e+04	-807.04
5	36	-194.10	-5.814e+04	4125.02	-289.66	1.625e+06	2.402e+04	4050.71
5	36	-143.20	-5.371e+04	3757.17	-89.98	1.260e+06	1.974e+04	1022.51
5	36	-92.30	-4.869e+04	3736.21	44.28	1.065e+06	2.240e+04	5673.19
5	36	-41.40	-4.380e+04	3770.73	190.32	1.097e+06	2.861e+04	1.256e+04
5	36	9.50	-4.009e+04	4903.78	233.36	1.560e+06	3.308e+04	1.172e+04
5	40	-245.00	-5.824e+04	4747.35	-284.99	1.806e+06	1.069e+04	1080.52
5	40	-194.10	-5.791e+04	4780.83	-284.99	1.728e+06	1.809e+04	5922.92
5	40	-143.20	-5.335e+04	4442.52	-59.11	1.390e+06	1.439e+04	5228.70
5	40	-92.30	-4.843e+04	4309.51	84.81	1.165e+06	1.893e+04	1.171e+04
5	40	-41.40	-4.362e+04	4544.95	188.96	1.172e+06	2.630e+04	1.709e+04
5	40	9.50	-4.002e+04	5531.31	224.48	1.644e+06	3.001e+04	1.601e+04
5	45	-245.00	-4.628e+04	-1015.52	142.30	1.193e+06	-6.831e+04	-1.211e+04
5	45	-194.10	-4.594e+04	-982.04	142.30	1.114e+06	-6.091e+04	-8325.18
5	45	-143.20	-4.223e+04	-1298.38	368.49	8.421e+05	-4.351e+04	-5377.66
5	45	-92.30	-3.865e+04	-1228.95	440.74	7.214e+05	-2.137e+04	-4285.67
5	45	-41.40	-3.475e+04	-1242.37	443.84	6.520e+05	2003.05	-2384.24
5	45	9.50	-3.105e+04	-400.30	246.64	1.051e+06	8853.24	-1935.54
5	52	-245.00	-5.600e+04	7840.39	-154.73	1.354e+06	-2.037e+04	-3531.64
5	52	-194.10	-5.567e+04	7873.87	-154.73	1.276e+06	-1.297e+04	2700.69
5	52	-143.20	-5.139e+04	7508.80	104.55	1.056e+06	-9073.16	4909.84
5	52	-92.30	-4.684e+04	7483.03	247.74	8.134e+05	4727.38	1.026e+04
5	52	-41.40	-4.223e+04	7785.99	290.97	9.152e+05	1.647e+04	1.481e+04
5	52	9.50	-3.889e+04	8845.96	207.76	1.572e+06	1.854e+04	1.353e+04
5	68	-245.00	-6.014e+04	4706.70	-347.81	1.763e+06	2.864e+04	500.30
5	68	-194.10	-5.980e+04	4740.18	-347.81	1.685e+06	3.605e+04	5546.67
5	68	-143.20	-5.529e+04	4361.53	-154.72	1.303e+06	2.879e+04	1403.04
5	68	-92.30	-5.007e+04	4343.72	-12.90	1.101e+06	2.869e+04	6302.16
5	68	-41.40	-4.503e+04	4357.12	157.18	1.150e+06	3.250e+04	1.408e+04
5	68	9.50	-4.131e+04	5549.77	233.20	1.621e+06	3.678e+04	1.311e+04
5	72	-245.00	-5.984e+04	5539.68	-341.93	1.894e+06	2.112e+04	2897.87
5	72	-194.10	-5.950e+04	5573.16	-341.93	1.816e+06	2.852e+04	7924.56
5	72	-143.20	-5.483e+04	5232.03	-115.57	1.469e+06	2.200e+04	6745.67
5	72	-92.30	-4.974e+04	5071.89	38.52	1.228e+06	2.429e+04	1.397e+04
5	72	-41.40	-4.481e+04	5340.50	155.47	1.245e+06	2.958e+04	1.983e+04
5	72	9.50	-4.122e+04	6346.81	221.92	1.726e+06	3.289e+04	1.855e+04
5	77	-245.00	-4.464e+04	-1780.40	200.80	1.114e+06	-7.923e+04	-1.386e+04
5	77	-194.10	-4.430e+04	-1746.92	200.80	1.036e+06	-7.183e+04	-1.018e+04
5	77	-143.20	-4.070e+04	-2060.15	427.58	7.723e+05	-5.154e+04	-6727.21
5	77	-92.30	-3.731e+04	-1963.13	490.60	6.649e+05	-2.689e+04	-6348.28
5	77	-41.40	-3.354e+04	-2010.65	479.13	5.840e+05	-1309.79	-4905.37
5	77	9.50	-2.982e+04	-1187.61	249.87	9.740e+05	5967.98	-4243.31
5	79	-245.00	-5.072e+04	1718.50	-68.15	1.402e+06	-2.895e+04	-5388.33
5	79	-194.10	-5.040e+04	1747.53	-68.15	1.335e+06	-2.092e+04	-1410.85
5	79	-143.20	-4.630e+04	1433.78	158.50	1.056e+06	-1.372e+04	-247.25
5	79	-92.30	-4.207e+04	1395.07	260.59	9.062e+05	-602.82	3481.21
5	79	-41.40	-3.774e+04	1494.77	316.94	8.908e+05	1.469e+04	7082.68
5	79	9.50	-3.414e+04	2401.07	236.94	1.315e+06	1.968e+04	6809.38
5	82	-245.00	-5.721e+04	2110.23	-88.44	1.672e+06	-2.656e+04	-6396.07
5	82	-194.10	-5.682e+04	2153.84	-88.44	1.571e+06	-2.019e+04	-1680.38
5	82	-143.20	-5.265e+04	1788.71	137.24	1.212e+06	-1.422e+04	-646.98
5	82	-92.30	-4.826e+04	1770.42	256.21	9.930e+05	-1324.26	3158.93
5	82	-41.40	-4.382e+04	1917.13	317.71	9.438e+05	1.406e+04	6809.20
5	82	9.50	-4.005e+04	2860.62	238.56	1.414e+06	2.006e+04	6258.81
5	83	-245.00	-5.288e+04	1858.44	-67.66	1.414e+06	-3.115e+04	-5706.52
5	83	-194.10	-5.256e+04	1886.94	-67.66	1.352e+06	-2.226e+04	-1476.36
5	83	-143.20	-4.849e+04	1564.47	173.94	1.067e+06	-1.430e+04	-129.12
5	83	-92.30	-4.425e+04	1526.07	281.57	9.185e+05	-108.53	3736.65
5	83	-41.40	-3.992e+04	1633.15	344.10	9.106e+05	1.653e+04	7485.04
5	83	9.50	-3.635e+04	2572.37	258.40	1.362e+06	2.206e+04	7124.45
5	86	-245.00	-5.072e+04	1718.50	-68.15	1.402e+06	-2.895e+04	-5388.33
5	86	-194.10	-5.040e+04	1747.53	-68.15	1.335e+06	-2.092e+04	-1410.85
5	86	-143.20	-4.630e+04	1433.78	158.50	1.056e+06	-1.372e+04	-247.25
5	86	-92.30	-4.207e+04	1395.07	260.59	9.062e+05	-602.82	3481.21
5	86	-41.40	-3.774e+04	1494.77	316.94	8.908e+05	1.469e+04	7082.68
5	86	9.50	-3.414e+04	2401.07	236.94	1.315e+06	1.968e+04	6809.38
5	87	-245.00	-5.342e+04	1879.38	-78.42	1.534e+06	-2.720e+04	-5812.65
5	87	-194.10	-5.307e+04	1915.83	-78.42	1.449e+06	-2.022e+04	-1529.24
5	87	-143.20	-4.893e+04	1578.57	144.01	1.131e+06	-1.383e+04	-476.64
5	87	-92.30	-4.462e+04	1549.99	253.16	9.465e+05	-1087.11	3256.21
5	87	-41.40	-4.024e+04	1671.35	310.54	9.124e+05	1.391e+04	6845.35
5	87	9.50	-3.655e+04	2588.02	232.39	1.353e+06	1.928e+04	6455.33
5	88	-245.00	-5.115e+04	1746.49	-68.05	1.405e+06	-2.939e+04	-5451.97
5	88	-194.10	-5.084e+04	1775.41	-68.05	1.338e+06	-2.119e+04	-1423.95
5	88	-143.20	-4.674e+04	1459.92	161.59	1.058e+06	-1.384e+04	-223.62
5	88	-92.30	-4.250e+04	1421.27	264.78	9.087e+05	-503.96	3532.30
5	88	-41.40	-3.818e+04	1522.44	322.37	8.948e+05	1.506e+04	7163.15

5	88	9.50	-3.458e+04	2435.33	241.24	1.324e+06	2.016e+04	6872.39
5	91	-245.00	-5.072e+04	1718.50	-68.15	1.402e+06	-2.895e+04	-5388.33
5	91	-194.10	-5.040e+04	1747.53	-68.15	1.335e+06	-2.092e+04	-1410.85
5	91	-143.20	-4.630e+04	1433.78	158.50	1.056e+06	-1.372e+04	-247.25
5	91	-92.30	-4.207e+04	1395.07	260.59	9.062e+05	-602.82	3481.21
5	91	-41.40	-3.774e+04	1494.77	316.94	8.908e+05	1.469e+04	7082.68
5	91	9.50	-3.414e+04	2401.07	236.94	1.315e+06	1.968e+04	6809.38
5	92	-245.00	-5.234e+04	1815.03	-74.31	1.482e+06	-2.790e+04	-5642.92
5	92	-194.10	-5.200e+04	1848.51	-74.31	1.403e+06	-2.050e+04	-1481.88
5	92	-143.20	-4.788e+04	1520.65	149.80	1.101e+06	-1.379e+04	-384.89
5	92	-92.30	-4.360e+04	1488.02	256.13	9.304e+05	-893.40	3346.21
5	92	-41.40	-3.924e+04	1600.72	313.10	9.038e+05	1.422e+04	6940.29
5	92	9.50	-3.558e+04	2513.24	234.21	1.337e+06	1.944e+04	6596.95

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-7.632e+04	-2060.15	-347.81	5.840e+05	-7.923e+04	-1.386e+04
	-2.982e+04	8845.96	490.60	2.266e+06	3.678e+04	1.983e+04

Macro	Tipo	Angolo 1-Z (gradi)
6	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	4	-345.00	-1.636e+04	288.81	-50.11	-3.157e+05	21.41	-2825.41
6	4	-295.00	-1.517e+04	221.43	-50.11	-4.921e+05	-5963.52	-6405.11
6	4	-245.00	-1.240e+04	-369.89	34.18	-6.897e+05	-1943.78	991.35
6	4	-194.10	-2.686e+04	1076.72	-64.79	-3.190e+05	-5701.94	-3449.60
6	4	-143.20	-2.923e+04	454.75	50.61	1.067e+06	-1836.59	-1321.22
6	4	-92.30	-2.831e+04	414.57	55.25	1.158e+06	272.39	-2395.43
6	4	-41.40	-2.738e+04	535.24	164.52	1.212e+06	7522.29	-3089.96
6	4	9.50	-2.627e+04	450.17	274.39	-1.772e+05	2.503e+04	-9142.92
6	5	-345.00	-1.114e+04	236.06	-40.92	-2.184e+05	1644.98	-1724.43
6	5	-295.00	-1.043e+04	203.23	-40.92	-3.336e+05	-3640.67	-3972.58
6	5	-245.00	-8498.58	-209.20	10.73	-4.643e+05	-1302.06	1200.26
6	5	-194.10	-1.826e+04	739.28	-64.23	-2.176e+05	-4887.22	-2788.14
6	5	-143.20	-1.990e+04	369.53	22.53	7.327e+05	-2992.51	-439.57
6	5	-92.30	-1.931e+04	340.22	54.98	8.056e+05	-915.78	-935.18
6	5	-41.40	-1.872e+04	422.37	176.51	8.456e+05	7103.53	-1431.83
6	5	9.50	-1.796e+04	364.17	256.81	-1.117e+05	2.398e+04	-5971.62
6	11	-345.00	-1.621e+04	298.48	-52.09	-3.157e+05	699.13	-2715.45
6	11	-295.00	-1.508e+04	238.43	-52.09	-4.880e+05	-5717.75	-6214.32
6	11	-245.00	-1.235e+04	-352.18	28.55	-6.822e+05	-1886.00	1189.72
6	11	-194.10	-2.674e+04	1064.25	-73.92	-3.128e+05	-6390.29	-3663.28
6	11	-143.20	-2.918e+04	453.05	46.06	1.069e+06	-2821.61	-883.99
6	11	-92.30	-2.837e+04	413.99	58.02	1.162e+06	-655.92	-1882.57
6	11	-41.40	-2.757e+04	535.06	178.15	1.219e+06	7134.86	-2757.89
6	11	9.50	-2.659e+04	450.08	290.87	-1.810e+05	2.580e+04	-9167.43
6	15	-345.00	-1.301e+04	2.54	5.31	-2.790e+05	-1571.67	-3519.42
6	15	-295.00	-1.225e+04	-36.32	5.31	-3.999e+05	-6613.21	-6706.96
6	15	-245.00	-1.016e+04	-454.00	33.18	-5.391e+05	-2792.97	-1572.40
6	15	-194.10	-2.108e+04	677.09	68.52	-2.784e+05	-1.303e+04	-5475.84
6	15	-143.20	-2.271e+04	-270.09	64.57	7.320e+05	-6423.16	-1947.79
6	15	-92.30	-2.190e+04	-212.55	-12.83	7.602e+05	-4998.50	-1604.17
6	15	-41.40	-2.116e+04	-82.28	-48.23	7.747e+05	-4358.11	-1660.76
6	15	9.50	-2.039e+04	-377.40	-24.46	-2.729e+05	71.25	-7490.99
6	18	-345.00	-1.002e+04	458.33	-85.28	-1.697e+05	3823.10	-189.22
6	18	-295.00	-9251.46	419.47	-85.28	-2.907e+05	-1218.44	-1774.31
6	18	-245.00	-7368.12	-8.62	-2.07	-4.246e+05	75.23	3691.40
6	18	-194.10	-1.666e+04	848.62	-186.60	-1.730e+05	3772.02	39.69
6	18	-143.20	-1.837e+04	999.27	-9.86	7.752e+05	1585.30	616.44
6	18	-92.30	-1.791e+04	881.88	115.84	8.912e+05	4078.35	-905.63
6	18	-41.40	-1.735e+04	920.99	372.28	9.565e+05	1.811e+04	-1790.07
6	18	9.50	-1.650e+04	1096.20	510.09	3.880e+04	4.537e+04	-4963.00
6	36	-345.00	-1.090e+04	781.61	25.61	-1.700e+05	-2349.50	74.62
6	36	-295.00	-1.013e+04	742.74	25.61	-2.910e+05	-7391.04	-2027.12
6	36	-245.00	-8067.70	335.45	32.54	-4.324e+05	-1724.66	3382.33
6	36	-194.10	-1.924e+04	1692.77	-132.23	1.736e+04	-870.55	-1457.53
6	36	-143.20	-2.098e+04	2269.53	-22.15	1.102e+06	-1878.70	742.93
6	36	-92.30	-2.033e+04	2265.04	12.51	1.194e+06	-2241.32	724.92
6	36	-41.40	-1.973e+04	2406.06	112.87	1.258e+06	1833.60	2047.18
6	36	9.50	-1.884e+04	2413.89	173.10	2.189e+05	1.192e+04	-1554.43
6	43	-345.00	-1.269e+04	-141.44	-48.75	-2.866e+05	-835.20	-4246.07

6	43	-295.00	-1.193e+04	-180.31	-48.75	-4.076e+05	-5876.74	-7516.62
6	43	-245.00	-9910.37	-621.20	15.27	-5.425e+05	-2037.60	-2437.09
6	43	-194.10	-1.948e+04	188.12	47.81	-4.827e+05	-1.081e+04	-5064.30
6	43	-143.20	-2.127e+04	-950.26	73.35	5.147e+05	-4578.81	-2845.11
6	43	-92.30	-2.057e+04	-999.23	41.87	5.600e+05	-1557.81	-3218.67
6	43	-41.40	-1.989e+04	-963.56	114.57	5.750e+05	4336.84	-4944.35
6	43	9.50	-1.912e+04	-1117.15	166.40	-4.166e+05	1.961e+04	-1.276e+04
6	47	-345.00	-1.342e+04	-59.04	17.55	-2.938e+05	-2300.53	-3969.37
6	47	-295.00	-1.265e+04	-97.91	17.55	-4.147e+05	-7342.07	-7373.43
6	47	-245.00	-1.053e+04	-514.19	37.94	-5.546e+05	-3180.55	-2283.61
6	47	-194.10	-2.167e+04	653.90	103.01	-2.927e+05	-1.530e+04	-6221.06
6	47	-143.20	-2.330e+04	-441.61	74.64	7.261e+05	-7505.02	-2293.93
6	47	-92.30	-2.243e+04	-360.44	-30.20	7.424e+05	-6224.16	-1698.50
6	47	-41.40	-2.167e+04	-217.85	-105.02	7.502e+05	-7391.64	-1643.90
6	47	9.50	-2.091e+04	-576.51	-96.65	-3.150e+05	-6044.16	-7833.73
6	50	-345.00	-9611.71	519.92	-97.52	-1.550e+05	4551.96	260.74
6	50	-295.00	-8846.61	481.05	-97.52	-2.759e+05	-489.58	-1107.84
6	50	-245.00	-6991.46	51.57	-6.84	-4.092e+05	462.80	4402.61
6	50	-194.10	-1.606e+04	871.82	-221.08	-1.587e+05	6042.64	784.90
6	50	-143.20	-1.778e+04	1170.79	-19.93	7.811e+05	2667.17	962.59
6	50	-92.30	-1.737e+04	1029.77	133.21	9.090e+05	5304.01	-811.30
6	50	-41.40	-1.684e+04	1056.56	429.06	9.810e+05	2.114e+04	-1806.92
6	50	9.50	-1.598e+04	1295.31	582.29	8.091e+04	5.148e+04	-4620.26
6	68	-345.00	-1.073e+04	930.56	43.34	-1.553e+05	-3288.70	595.90
6	68	-295.00	-9965.36	891.69	43.34	-2.763e+05	-8330.24	-1428.91
6	68	-245.00	-7880.08	488.61	37.13	-4.191e+05	-1823.53	4010.16
6	68	-194.10	-1.935e+04	1944.06	-152.01	8.304e+04	145.61	-1116.78
6	68	-143.20	-2.110e+04	2784.30	-35.53	1.197e+06	-1732.85	1123.85
6	68	-92.30	-2.045e+04	2786.69	1.97	1.294e+06	-2722.91	1260.01
6	68	-41.40	-1.985e+04	2942.92	99.59	1.364e+06	470.13	3066.53
6	68	9.50	-1.895e+04	2969.08	154.27	3.096e+05	8999.26	-291.75
6	75	-345.00	-1.301e+04	-241.93	-51.12	-3.034e+05	-1365.24	-4892.43
6	75	-295.00	-1.225e+04	-280.80	-51.12	-4.244e+05	-6406.78	-8401.95
6	75	-245.00	-1.022e+04	-726.56	15.19	-5.589e+05	-2220.96	-3382.07
6	75	-194.10	-1.964e+04	32.83	76.69	-5.521e+05	-1.248e+04	-5698.72
6	75	-143.20	-2.146e+04	-1305.56	85.77	4.501e+05	-5162.75	-3434.75
6	75	-92.30	-2.075e+04	-1359.67	39.26	4.882e+05	-1854.52	-3748.71
6	75	-41.40	-2.006e+04	-1337.25	101.75	4.965e+05	3649.63	-5814.44
6	75	9.50	-1.931e+04	-1516.14	145.74	-4.975e+05	1.877e+04	-1.453e+04
6	79	-345.00	-1.124e+04	233.97	-40.68	-2.200e+05	1506.78	-1760.30
6	79	-295.00	-1.052e+04	199.42	-40.68	-3.369e+05	-3714.98	-4046.58
6	79	-245.00	-8571.88	-215.89	12.03	-4.692e+05	-1316.44	1165.12
6	79	-194.10	-1.843e+04	745.26	-62.82	-2.201e+05	-4809.37	-2772.25
6	79	-143.20	-2.008e+04	367.58	23.84	7.384e+05	-2828.32	-506.87
6	79	-92.30	-1.947e+04	338.08	54.12	8.112e+05	-779.86	-1026.99
6	79	-41.40	-1.887e+04	420.96	172.80	8.512e+05	7065.86	-1514.60
6	79	9.50	-1.809e+04	362.30	253.24	-1.133e+05	2.368e+04	-6044.15
6	82	-345.00	-1.233e+04	225.13	-38.99	-2.387e+05	307.31	-2094.40
6	82	-295.00	-1.146e+04	176.75	-38.99	-3.708e+05	-4421.48	-4760.28
6	82	-245.00	-9361.86	-270.92	23.53	-5.191e+05	-1461.79	839.67
6	82	-194.10	-2.025e+04	813.20	-52.51	-2.404e+05	-4494.44	-2679.97
6	82	-143.20	-2.205e+04	353.47	36.05	8.058e+05	-1710.96	-903.53
6	82	-92.30	-2.136e+04	322.88	44.63	8.765e+05	-13.00	-1672.68
6	82	-41.40	-2.067e+04	413.90	135.19	9.179e+05	5982.08	-2206.73
6	82	9.50	-1.983e+04	349.67	219.07	-1.322e+05	2.004e+04	-6852.82
6	85	-345.00	-1.224e+04	231.58	-40.31	-2.387e+05	759.12	-2021.09
6	85	-295.00	-1.139e+04	188.08	-40.31	-3.681e+05	-4257.63	-4633.08
6	85	-245.00	-9327.83	-259.12	19.77	-5.141e+05	-1423.27	971.92
6	85	-194.10	-2.017e+04	804.89	-58.60	-2.362e+05	-4953.34	-2822.42
6	85	-143.20	-2.201e+04	352.34	33.01	8.074e+05	-2367.64	-612.04
6	85	-92.30	-2.140e+04	322.50	46.47	8.790e+05	-631.87	-1330.77
6	85	-41.40	-2.079e+04	413.77	144.28	9.223e+05	5723.80	-1985.36
6	85	9.50	-2.004e+04	349.61	230.06	-1.347e+05	2.056e+04	-6869.15
6	86	-345.00	-1.124e+04	233.97	-40.68	-2.200e+05	1506.78	-1760.30
6	86	-295.00	-1.052e+04	199.42	-40.68	-3.369e+05	-3714.98	-4046.58
6	86	-245.00	-8571.88	-215.89	12.03	-4.692e+05	-1316.44	1165.12
6	86	-194.10	-1.843e+04	745.26	-62.82	-2.201e+05	-4809.37	-2772.25
6	86	-143.20	-2.008e+04	367.58	23.84	7.384e+05	-2828.32	-506.87
6	86	-92.30	-1.947e+04	338.08	54.12	8.112e+05	-779.86	-1026.99
6	86	-41.40	-1.887e+04	420.96	172.80	8.512e+05	7065.86	-1514.60
6	86	9.50	-1.809e+04	362.30	253.24	-1.133e+05	2.368e+04	-6044.15
6	87	-345.00	-1.170e+04	228.09	-39.52	-2.272e+05	871.67	-1917.00
6	87	-295.00	-1.090e+04	186.34	-39.52	-3.510e+05	-4049.72	-4370.01
6	87	-245.00	-8888.81	-241.59	17.90	-4.903e+05	-1387.16	989.08
6	87	-194.10	-1.916e+04	774.59	-56.52	-2.295e+05	-4511.75	-2681.97
6	87	-143.20	-2.085e+04	362.59	29.70	7.637e+05	-2146.00	-771.54
6	87	-92.30	-2.018e+04	332.38	49.76	8.354e+05	-246.89	-1406.84

6	87	-41.40	-1.951e+04	418.29	154.84	8.752e+05	6748.37	-1865.95
6	87	9.50	-1.868e+04	357.47	235.87	-1.196e+05	2.208e+04	-6348.89
6	91	-345.00	-1.124e+04	233.97	-40.68	-2.200e+05	1506.78	-1760.30
6	91	-295.00	-1.052e+04	199.42	-40.68	-3.369e+05	-3714.98	-4046.58
6	91	-245.00	-8571.88	-215.89	12.03	-4.692e+05	-1316.44	1165.12
6	91	-194.10	-1.843e+04	745.26	-62.82	-2.201e+05	-4809.37	-2772.25
6	91	-143.20	-2.008e+04	367.58	23.84	7.384e+05	-2828.32	-506.87
6	91	-92.30	-1.947e+04	338.08	54.12	8.112e+05	-779.86	-1026.99
6	91	-41.40	-1.887e+04	420.96	172.80	8.512e+05	7065.86	-1514.60
6	91	9.50	-1.809e+04	362.30	253.24	-1.133e+05	2.368e+04	-6044.15
6	92	-345.00	-1.151e+04	230.44	-39.99	-2.244e+05	1125.72	-1854.32
6	92	-295.00	-1.075e+04	191.57	-39.99	-3.453e+05	-3915.83	-4240.64
6	92	-245.00	-8762.03	-231.31	15.55	-4.819e+05	-1358.87	1059.50
6	92	-194.10	-1.887e+04	762.86	-59.04	-2.257e+05	-4630.80	-2718.08
6	92	-143.20	-2.054e+04	364.59	27.36	7.536e+05	-2418.93	-665.67
6	92	-92.30	-1.990e+04	334.66	51.50	8.257e+05	-460.08	-1254.90
6	92	-41.40	-1.926e+04	419.35	162.02	8.656e+05	6875.37	-1725.41
6	92	9.50	-1.845e+04	359.40	242.82	-1.170e+05	2.272e+04	-6226.99

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.923e+04	-1516.14	-221.08	-6.897e+05	-1.530e+04	-1.453e+04
	-6991.46	2969.08	582.29	1.364e+06	5.148e+04	4402.61

Macro	Tipo	Angolo 1-Z (gradi)
7	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	4	-345.00	-3.062e+04	-2622.22	-7.95	-2.501e+05	-4225.89	2296.00
7	4	-295.00	-3.224e+04	-2740.21	-7.95	-5.713e+05	2494.91	-724.49
7	4	-245.00	-3.149e+04	-2860.02	-319.46	-9.204e+05	-1.605e+04	5683.49
7	4	-194.10	-2.850e+04	-3873.94	-129.28	-9.322e+05	-1.822e+04	1.339e+04
7	4	-143.20	-2.392e+04	-3988.03	141.29	-6.884e+05	-7084.48	1.390e+04
7	4	-92.30	-2.004e+04	-4067.37	48.13	-5.888e+05	-5679.79	749.35
7	4	-41.40	-1.638e+04	-4174.84	68.64	-4.708e+05	-2619.85	-1.105e+04
7	4	9.50	-1.202e+04	-3561.58	44.09	-2.873e+05	316.04	-6037.80
7	5	-345.00	-1.925e+04	-2249.01	5.30	-2.420e+05	-1018.14	950.03
7	5	-295.00	-2.022e+04	-2368.74	5.30	-4.767e+05	3296.81	-1682.09
7	5	-245.00	-1.939e+04	-2465.53	-206.34	-7.322e+05	-8280.02	1664.93
7	5	-194.10	-1.698e+04	-3198.25	-87.56	-7.411e+05	-1.029e+04	6416.58
7	5	-143.20	-1.346e+04	-3289.33	99.59	-5.715e+05	-2496.76	9034.67
7	5	-92.30	-1.035e+04	-3359.42	26.17	-4.969e+05	-1888.45	1417.85
7	5	-41.40	-7360.29	-3441.13	23.42	-4.000e+05	-1145.51	-5954.21
7	5	9.50	-4061.10	-3039.04	17.25	-2.355e+05	-22.14	-4195.66
7	9	-345.00	-2.640e+04	-3073.45	11.68	-3.324e+05	-1549.01	1122.48
7	9	-295.00	-2.775e+04	-3237.12	11.68	-6.563e+05	4696.28	-2611.01
7	9	-245.00	-2.676e+04	-3368.77	-277.21	-1.009e+06	-1.082e+04	1764.53
7	9	-194.10	-2.359e+04	-4361.16	-119.84	-1.016e+06	-1.384e+04	8590.50
7	9	-143.20	-1.886e+04	-4480.43	137.07	-7.783e+05	-3121.85	1.234e+04
7	9	-92.30	-1.473e+04	-4570.83	36.35	-6.731e+05	-2278.71	1875.99
7	9	-41.40	-1.077e+04	-4680.45	35.62	-5.367e+05	-1037.41	-8258.23
7	9	9.50	-6322.20	-4112.87	18.20	-3.116e+05	136.49	-5439.76
7	24	-345.00	-2.118e+04	-1356.22	-8.79	-3.355e+05	3974.25	760.27
7	24	-295.00	-2.224e+04	-1465.35	-8.79	-5.720e+05	8490.11	-1433.17
7	24	-245.00	-2.145e+04	-1519.42	-227.83	-8.180e+05	-4045.21	3016.67
7	24	-194.10	-1.911e+04	-2100.01	-130.17	-8.224e+05	-4926.66	7491.57
7	24	-143.20	-1.548e+04	-2134.25	80.49	-6.307e+05	1213.30	1.147e+04
7	24	-92.30	-1.230e+04	-2153.60	-18.19	-5.416e+05	-29.30	3949.15
7	24	-41.40	-9179.90	-2195.20	2.50	-4.321e+05	-656.45	-5518.24
7	24	9.50	-5809.08	-1928.60	14.87	-2.426e+05	-107.31	-4962.74
7	25	-345.00	-1.982e+04	-2953.70	10.53	-1.106e+05	-7434.09	1708.50
7	25	-295.00	-2.087e+04	-3062.83	10.53	-3.471e+05	-2918.23	-1073.51
7	25	-245.00	-2.013e+04	-3198.10	-208.74	-6.157e+05	-1.520e+04	2217.70
7	25	-194.10	-1.775e+04	-4105.19	-51.26	-6.302e+05	-1.801e+04	7849.68
7	25	-143.20	-1.436e+04	-4250.99	122.82	-4.755e+05	-8200.20	7543.98
7	25	-92.30	-1.144e+04	-4366.23	77.17	-4.161e+05	-5439.27	-1684.68
7	25	-41.40	-8708.19	-4487.96	62.56	-3.386e+05	-2326.23	-7953.04
7	25	9.50	-5481.92	-3914.98	31.77	-2.175e+05	197.32	-3732.60
7	34	-345.00	-2.051e+04	-1950.38	-70.45	-1.069e+05	1.435e+04	174.73
7	34	-295.00	-2.156e+04	-2059.51	-70.45	-3.433e+05	1.886e+04	-2496.81
7	34	-245.00	-2.069e+04	-2143.66	-252.03	-5.845e+05	3799.71	3030.50
7	34	-194.10	-1.825e+04	-3015.35	-213.98	-5.939e+05	3301.72	6792.89

7	34	-143.20	-1.477e+04	-3129.87	-43.56	-4.832e+05	4586.66	1.125e+04
7	34	-92.30	-1.162e+04	-3219.31	-104.61	-4.817e+05	-1895.79	4732.75
7	34	-41.40	-8508.77	-3322.77	-57.86	-4.455e+05	-6372.29	-8420.67
7	34	9.50	-5157.68	-2749.11	125.73	-3.161e+05	-4565.64	-1.128e+04
7	40	-345.00	-2.086e+04	-1616.97	-37.92	-1.997e+05	1.049e+04	592.06
7	40	-295.00	-2.191e+04	-1726.09	-37.92	-4.362e+05	1.500e+04	-1956.02
7	40	-245.00	-2.109e+04	-1795.41	-235.87	-6.802e+05	1492.34	3744.47
7	40	-194.10	-1.868e+04	-2557.80	-183.06	-6.876e+05	1003.45	8684.25
7	40	-143.20	-1.511e+04	-2638.43	-3.59	-5.424e+05	4217.16	1.433e+04
7	40	-92.30	-1.186e+04	-2692.72	-87.83	-5.032e+05	-900.85	6959.92
7	40	-41.40	-8762.39	-2765.46	-46.37	-4.479e+05	-4321.48	-5605.76
7	40	9.50	-5379.64	-2320.28	88.82	-2.901e+05	-3143.83	-8045.11
7	56	-345.00	-2.137e+04	-1140.32	-11.40	-3.660e+05	5515.45	631.98
7	56	-295.00	-2.242e+04	-1249.45	-11.40	-6.024e+05	1.003e+04	-1481.68
7	56	-245.00	-2.163e+04	-1292.54	-230.41	-8.453e+05	-2538.14	3124.20
7	56	-194.10	-1.929e+04	-1828.99	-140.83	-8.484e+05	-3159.17	7442.78
7	56	-143.20	-1.563e+04	-1848.14	74.78	-6.516e+05	2485.07	1.200e+04
7	56	-92.30	-1.241e+04	-1854.52	-31.07	-5.586e+05	701.75	4710.09
7	56	-41.40	-9243.66	-1885.26	-5.62	-4.447e+05	-430.61	-5189.31
7	56	9.50	-5853.29	-2360.03	12.58	-2.460e+05	-148.30	-5128.92
7	57	-345.00	-1.963e+04	-3169.60	13.14	-8.023e+04	-8975.29	1836.80
7	57	-295.00	-2.069e+04	-3278.73	13.14	-3.167e+05	-4459.43	-1025.00
7	57	-245.00	-1.995e+04	-3424.98	-206.16	-5.884e+05	-1.671e+04	2110.17
7	57	-194.10	-1.757e+04	-4376.21	-40.60	-6.042e+05	-1.978e+04	7898.47
7	57	-143.20	-1.421e+04	-4537.10	128.54	-4.545e+05	-9471.96	7013.82
7	57	-92.30	-1.132e+04	-4665.31	90.06	-3.992e+05	-6170.32	-2445.63
7	57	-41.40	-8644.43	-4797.90	70.68	-3.260e+05	-2552.07	-8281.97
7	57	9.50	-5437.71	-4183.55	34.06	-2.141e+05	238.31	-3566.42
7	66	-345.00	-2.051e+04	-1895.09	-89.73	-7.546e+04	1.869e+04	-111.70
7	66	-295.00	-2.156e+04	-2004.22	-89.73	-3.119e+05	2.321e+04	-2833.01
7	66	-245.00	-2.067e+04	-2085.53	-261.15	-5.487e+05	7427.17	3141.73
7	66	-194.10	-1.820e+04	-2991.76	-247.29	-5.581e+05	7293.29	6555.89
7	66	-143.20	-1.473e+04	-3112.88	-82.81	-4.643e+05	6770.41	1.172e+04
7	66	-92.30	-1.155e+04	-3208.31	-140.85	-4.824e+05	-1669.19	5706.93
7	66	-41.40	-8391.18	-3317.67	-82.28	-4.617e+05	-7691.58	-8874.89
7	66	9.50	-5025.86	-2702.42	153.40	-3.394e+05	-5811.74	-1.315e+04
7	72	-345.00	-2.095e+04	-1471.60	-48.40	-1.934e+05	1.379e+04	418.22
7	72	-295.00	-2.201e+04	-1580.73	-48.40	-4.299e+05	1.830e+04	-2146.33
7	72	-245.00	-2.117e+04	-1643.18	-240.63	-6.703e+05	4496.09	4048.57
7	72	-194.10	-1.875e+04	-2410.56	-208.01	-6.771e+05	4373.62	8958.56
7	72	-143.20	-1.516e+04	-2488.60	-32.04	-5.395e+05	6300.66	1.563e+04
7	72	-92.30	-1.186e+04	-2539.39	-119.55	-5.097e+05	-405.48	8536.37
7	72	-41.40	-8713.36	-2609.75	-67.69	-4.649e+05	-5086.74	-5299.45
7	72	9.50	-5307.80	-2157.69	106.53	-3.064e+05	-4005.81	-9043.77
7	79	-345.00	-1.960e+04	-2224.62	4.03	-2.365e+05	-1217.96	1029.13
7	79	-295.00	-2.060e+04	-2341.41	4.03	-4.718e+05	3151.82	-1560.17
7	79	-245.00	-1.978e+04	-2437.77	-209.72	-7.278e+05	-8658.72	1935.64
7	79	-194.10	-1.739e+04	-3174.16	-88.43	-7.368e+05	-1.062e+04	6767.01
7	79	-143.20	-1.387e+04	-3265.10	100.19	-5.663e+05	-2778.00	9165.53
7	79	-92.30	-1.077e+04	-3334.52	27.12	-4.919e+05	-2126.43	1335.30
7	79	-41.40	-7803.61	-3416.29	26.00	-3.960e+05	-1242.29	-6176.01
7	79	9.50	-4504.40	-3008.91	18.96	-2.341e+05	-3.04	-4239.63
7	82	-345.00	-2.279e+04	-2061.02	-3.92	-2.019e+05	-2846.44	1615.15
7	82	-295.00	-2.399e+04	-2157.21	-3.92	-4.471e+05	2180.17	-772.30
7	82	-245.00	-2.337e+04	-2250.23	-238.68	-7.136e+05	-1.160e+04	3866.60
7	82	-194.10	-2.105e+04	-3021.91	-97.40	-7.225e+05	-1.334e+04	9593.38
7	82	-143.20	-1.752e+04	-3110.19	107.15	-5.379e+05	-4905.89	1.040e+04
7	82	-92.30	-1.451e+04	-3172.78	35.06	-4.614e+05	-3911.39	732.64
7	82	-41.40	-1.166e+04	-3255.29	47.51	-3.693e+05	-1847.68	-8043.98
7	82	9.50	-8315.80	-2795.66	30.78	-2.237e+05	197.55	-4561.17
7	83	-345.00	-1.998e+04	-2361.84	9.17	-2.568e+05	-1061.85	832.80
7	83	-295.00	-2.100e+04	-2488.48	9.17	-5.038e+05	3647.75	-2029.97
7	83	-245.00	-2.021e+04	-2589.39	-210.51	-7.726e+05	-8117.12	1253.96
7	83	-194.10	-1.777e+04	-3346.73	-91.11	-7.783e+05	-1.042e+04	6395.65
7	83	-143.20	-1.415e+04	-3438.46	104.34	-5.978e+05	-2264.14	9361.78
7	83	-92.30	-1.097e+04	-3508.42	27.21	-5.177e+05	-1644.01	1483.74
7	83	-41.40	-7921.74	-3592.36	25.49	-4.133e+05	-792.73	-6181.09
7	83	9.50	-4519.86	-3163.19	13.53	-2.399e+05	77.85	-4162.48
7	86	-345.00	-1.960e+04	-2224.62	4.03	-2.365e+05	-1217.96	1029.13
7	86	-295.00	-2.060e+04	-2341.41	4.03	-4.718e+05	3151.82	-1560.17
7	86	-245.00	-1.978e+04	-2437.77	-209.72	-7.278e+05	-8658.72	1935.64
7	86	-194.10	-1.739e+04	-3174.16	-88.43	-7.368e+05	-1.062e+04	6767.01
7	86	-143.20	-1.387e+04	-3265.10	100.19	-5.663e+05	-2778.00	9165.53
7	86	-92.30	-1.077e+04	-3334.52	27.12	-4.919e+05	-2126.43	1335.30
7	86	-41.40	-7803.61	-3416.29	26.00	-3.960e+05	-1242.29	-6176.01
7	86	9.50	-4504.40	-3008.91	18.96	-2.341e+05	-3.04	-4239.63
7	87	-345.00	-2.110e+04	-2108.52	-1.23	-2.141e+05	-2071.23	1371.22

7	87	-295.00	-2.219e+04	-2212.54	-1.23	-4.514e+05	2542.02	-1048.78
7	87	-245.00	-2.147e+04	-2306.09	-224.00	-7.095e+05	-1.027e+04	3071.54
7	87	-194.10	-1.912e+04	-3054.89	-92.24	-7.193e+05	-1.203e+04	8273.04
7	87	-143.20	-1.562e+04	-3144.30	102.63	-5.442e+05	-3970.41	9735.32
7	87	-92.30	-1.259e+04	-3210.18	31.07	-4.702e+05	-3139.52	996.86
7	87	-41.40	-9704.34	-3291.77	36.88	-3.783e+05	-1657.38	-7108.73
7	87	9.50	-6406.23	-2863.72	26.23	-2.274e+05	77.04	-4419.69
7	88	-345.00	-1.968e+04	-2252.07	5.06	-2.406e+05	-1186.74	989.86
7	88	-295.00	-2.068e+04	-2370.82	5.06	-4.782e+05	3251.01	-1654.13
7	88	-245.00	-1.987e+04	-2468.09	-209.88	-7.368e+05	-8550.40	1799.31
7	88	-194.10	-1.747e+04	-3208.67	-88.96	-7.451e+05	-1.058e+04	6692.74
7	88	-143.20	-1.392e+04	-3299.77	101.02	-5.726e+05	-2675.23	9204.78
7	88	-92.30	-1.081e+04	-3369.30	27.14	-4.970e+05	-2029.95	1364.98
7	88	-41.40	-7827.23	-3451.51	25.90	-3.994e+05	-1152.37	-6177.03
7	88	9.50	-4507.49	-3039.76	17.87	-2.352e+05	13.14	-4224.20
7	91	-345.00	-1.960e+04	-2224.62	4.03	-2.365e+05	-1217.96	1029.13
7	91	-295.00	-2.060e+04	-2341.41	4.03	-4.718e+05	3151.82	-1560.17
7	91	-245.00	-1.978e+04	-2437.77	-209.72	-7.278e+05	-8658.72	1935.64
7	91	-194.10	-1.739e+04	-3174.16	-88.43	-7.368e+05	-1.062e+04	6767.01
7	91	-143.20	-1.387e+04	-3265.10	100.19	-5.663e+05	-2778.00	9165.53
7	91	-92.30	-1.077e+04	-3334.52	27.12	-4.919e+05	-2126.43	1335.30
7	91	-41.40	-7803.61	-3416.29	26.00	-3.960e+05	-1242.29	-6176.01
7	91	9.50	-4504.40	-3008.91	18.96	-2.341e+05	-3.04	-4239.63
7	92	-345.00	-2.050e+04	-2154.96	0.87	-2.231e+05	-1729.92	1234.39
7	92	-295.00	-2.156e+04	-2264.09	0.87	-4.596e+05	2785.94	-1253.34
7	92	-245.00	-2.079e+04	-2358.76	-218.29	-7.168e+05	-9622.99	2617.18
7	92	-194.10	-1.843e+04	-3102.60	-90.72	-7.263e+05	-1.147e+04	7670.63
7	92	-143.20	-1.492e+04	-3192.62	101.66	-5.531e+05	-3493.45	9507.40
7	92	-92.30	-1.187e+04	-3259.91	29.49	-4.789e+05	-2734.28	1132.23
7	92	-41.40	-8944.04	-3341.58	32.53	-3.854e+05	-1491.34	-6735.64
7	92	9.50	-5645.50	-2921.79	23.32	-2.301e+05	45.01	-4347.67

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-3.224e+04	-4797.90	-319.46	-1.016e+06	-1.978e+04	-1.315e+04
	-4061.10	-1140.32	153.40	-7.546e+04	2.321e+04	1.563e+04

Macro	Tipo	Angolo 1-Z (gradi)
8	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
8	3	-345.00	-1.785e+04	1132.98	65.71	-1.200e+05	1722.81	-5513.88
8	3	-295.00	-1.701e+04	1292.68	65.71	-1.720e+05	6982.82	-9858.66
8	3	-245.00	-1.466e+04	1276.75	103.31	-2.468e+05	1.046e+04	-1.075e+04
8	3	-194.10	-1.259e+04	1165.31	-135.65	-2.913e+05	6265.67	5339.79
8	3	-143.20	-1.083e+04	833.23	-65.47	-2.716e+05	3316.33	2528.29
8	3	-92.30	-9179.51	822.94	-26.82	-2.345e+05	2163.11	-154.91
8	3	-41.40	-7279.70	1081.63	-18.51	-2.113e+05	683.68	-2098.79
8	3	9.50	-4608.82	1808.66	-9.63	-1.251e+05	352.12	6993.26
8	4	-345.00	-1.808e+04	1219.49	66.82	-1.286e+05	1660.92	-5533.19
8	4	-295.00	-1.722e+04	1391.00	66.82	-1.835e+05	7025.60	-9856.74
8	4	-245.00	-1.486e+04	1377.19	105.28	-2.619e+05	1.058e+04	-1.067e+04
8	4	-194.10	-1.276e+04	1251.48	-134.96	-3.074e+05	6371.34	5429.65
8	4	-143.20	-1.096e+04	898.96	-64.93	-2.853e+05	3456.03	2577.88
8	4	-92.30	-9267.69	890.90	-26.66	-2.439e+05	2311.56	-77.77
8	4	-41.40	-7318.07	1171.02	-18.77	-2.179e+05	808.17	-1995.07
8	4	9.50	-4610.89	1958.42	-11.53	-1.290e+05	372.82	7064.60
8	5	-345.00	-1.154e+04	1088.79	50.70	-1.106e+05	116.92	-3966.06
8	5	-295.00	-1.101e+04	1235.74	50.70	-1.577e+05	4268.46	-7029.34
8	5	-245.00	-9329.51	1231.96	101.67	-2.251e+05	8434.75	-6671.72
8	5	-194.10	-7694.24	1103.05	-91.88	-2.605e+05	4723.80	4337.04
8	5	-143.20	-6246.04	818.04	-42.55	-2.382e+05	2803.35	1947.42
8	5	-92.30	-4890.73	833.70	-16.31	-1.963e+05	2149.70	424.27
8	5	-41.40	-3368.55	1091.54	-21.84	-1.704e+05	740.25	-592.65
8	5	9.50	-1446.94	1721.43	-12.79	-1.135e+05	53.65	5258.78
8	9	-345.00	-1.590e+04	1546.20	68.45	-1.575e+05	257.60	-5265.37
8	9	-295.00	-1.516e+04	1756.12	68.45	-2.232e+05	5866.32	-9273.89
8	9	-245.00	-1.292e+04	1753.80	132.52	-3.162e+05	1.118e+04	-8832.43
8	9	-194.10	-1.073e+04	1566.01	-120.91	-3.639e+05	6393.62	5793.21
8	9	-143.20	-8797.64	1160.36	-55.96	-3.314e+05	3886.42	2635.43
8	9	-92.30	-6965.56	1180.55	-21.77	-2.711e+05	3007.31	600.68
8	9	-41.40	-4897.80	1547.13	-27.46	-2.334e+05	1178.11	-761.89

8	9	9.50	-2299.21	2473.16	-19.51	-1.520e+05	154.64	7014.36
8	24	-345.00	-1.187e+04	1410.95	116.66	-1.163e+05	-3861.70	-3578.13
8	24	-295.00	-1.130e+04	1550.52	116.66	-1.613e+05	263.00	-6388.26
8	24	-245.00	-9686.82	1585.10	127.01	-2.382e+05	6379.25	-4934.37
8	24	-194.10	-8103.93	1555.23	-42.79	-2.803e+05	2418.68	3809.28
8	24	-143.20	-6679.32	1218.20	-36.33	-2.569e+05	1632.25	1696.53
8	24	-92.30	-5353.52	1192.96	-21.80	-1.930e+05	1018.68	239.89
8	24	-41.40	-3841.38	1486.03	-7.98	-1.442e+05	126.57	-849.49
8	24	9.50	-1943.62	2130.53	8.49	-9.120e+04	232.33	4276.39
8	36	-345.00	-1.183e+04	1530.01	8.18	-9.163e+04	2173.34	-2100.52
8	36	-295.00	-1.127e+04	1669.58	8.18	-1.365e+05	6298.05	-3355.67
8	36	-245.00	-9582.49	1728.37	12.79	-2.138e+05	6880.99	-5631.07
8	36	-194.10	-8040.25	1889.96	-71.59	-2.709e+05	4062.05	4357.25
8	36	-143.20	-6678.24	1531.24	-49.59	-2.605e+05	2343.03	1117.88
8	36	-92.30	-5433.27	1492.39	-46.29	-1.928e+05	841.19	407.42
8	36	-41.40	-3987.42	1839.93	-34.85	-1.388e+05	-1297.75	246.80
8	36	9.50	-1959.23	2219.24	41.73	-1.083e+05	-1116.01	5240.48
8	37	-345.00	-1.259e+04	514.75	93.29	-1.184e+05	-1203.47	-6008.09
8	37	-295.00	-1.202e+04	654.32	93.29	-1.633e+05	2921.23	-1.106e+04
8	37	-245.00	-1.027e+04	582.79	177.32	-2.150e+05	9779.76	-8696.68
8	37	-194.10	-8570.90	189.76	-119.99	-2.279e+05	5454.86	4185.91
8	37	-143.20	-7094.64	-3.48	-40.38	-1.980e+05	3114.93	2777.78
8	37	-92.30	-5679.31	52.27	11.01	-1.901e+05	3166.06	109.17
8	37	-41.40	-4117.44	184.42	-4.19	-1.973e+05	2651.21	-2056.83
8	37	9.50	-2220.20	1021.78	-64.08	-1.081e+05	1356.68	5356.38
8	43	-345.00	-1.241e+04	736.87	163.29	-1.269e+05	-4822.27	-6195.61
8	43	-295.00	-1.185e+04	876.44	163.29	-1.718e+05	-697.56	-1.148e+04
8	43	-245.00	-1.017e+04	821.38	224.18	-2.320e+05	8894.56	-7447.86
8	43	-194.10	-8474.97	428.58	-87.16	-2.467e+05	4095.86	3576.65
8	43	-143.20	-6988.18	206.39	-37.18	-2.133e+05	2499.78	2490.95
8	43	-92.30	-5563.01	246.96	12.75	-1.912e+05	2583.35	-804.11
8	43	-41.40	-3954.44	400.72	2.57	-1.816e+05	2338.38	-2344.12
8	43	9.50	-2134.33	1271.18	-45.52	-9.711e+04	1457.10	4526.82
8	56	-345.00	-1.178e+04	1515.93	134.48	-1.194e+05	-5036.75	-3449.25
8	56	-295.00	-1.121e+04	1655.50	134.48	-1.643e+05	-912.05	-6166.82
8	56	-245.00	-9621.51	1701.14	135.64	-2.446e+05	5851.90	-4331.58
8	56	-194.10	-8049.34	1694.46	-28.47	-2.887e+05	1786.13	3684.19
8	56	-143.20	-6623.35	1340.93	-33.99	-2.644e+05	1335.88	1628.51
8	56	-92.30	-5298.77	1306.60	-22.93	-1.935e+05	752.39	234.93
8	56	-41.40	-3784.34	1614.04	-4.86	-1.378e+05	-22.13	-834.48
8	56	9.50	-1904.16	2268.36	13.81	-8.660e+04	262.52	4000.14
8	68	-345.00	-1.173e+04	1667.19	-3.32	-8.801e+04	2629.47	-1572.50
8	68	-295.00	-1.116e+04	1806.75	-3.32	-1.329e+05	6754.18	-2315.00
8	68	-245.00	-9489.12	1883.16	-9.44	-2.136e+05	6489.75	-5216.75
8	68	-194.10	-7968.55	2119.69	-65.06	-2.767e+05	3873.86	4380.10
8	68	-143.20	-6622.00	1738.61	-50.85	-2.690e+05	2238.73	893.08
8	68	-92.30	-5400.12	1686.98	-54.05	-1.932e+05	526.52	447.52
8	68	-41.40	-3969.84	2063.63	-39.00	-1.309e+05	-1832.23	558.22
8	68	9.50	-1923.99	2381.13	56.05	-1.083e+05	-1450.67	5225.06
8	69	-345.00	-1.269e+04	377.58	104.79	-1.220e+05	-1659.60	-6536.10
8	69	-295.00	-1.213e+04	517.14	104.79	-1.669e+05	2465.10	-1.210e+04
8	69	-245.00	-1.037e+04	428.01	199.55	-2.152e+05	1.017e+04	-9111.00
8	69	-194.10	-8642.59	-39.96	-126.52	-2.220e+05	5643.06	4163.07
8	69	-143.20	-7150.88	-210.85	-39.12	-1.896e+05	3219.23	3002.57
8	69	-92.30	-5712.46	-142.32	18.76	-1.897e+05	3480.73	69.07
8	69	-41.40	-4135.02	-39.28	-0.04	-2.052e+05	3185.69	-2368.25
8	69	9.50	-2255.43	859.89	-78.40	-1.081e+05	1691.34	5371.80
8	75	-345.00	-1.247e+04	659.70	193.71	-1.329e+05	-6256.60	-6774.19
8	75	-295.00	-1.190e+04	799.27	193.71	-1.778e+05	-2131.90	-1.264e+04
8	75	-245.00	-1.023e+04	731.05	259.07	-2.367e+05	9046.46	-7524.48
8	75	-194.10	-8520.66	263.36	-84.83	-2.459e+05	3916.49	3388.86
8	75	-143.20	-7015.63	55.70	-35.05	-2.090e+05	2437.84	2637.78
8	75	-92.30	-5564.74	104.95	20.97	-1.912e+05	2740.38	-1091.20
8	75	-41.40	-3927.93	235.44	8.54	-1.852e+05	2787.91	-2733.04
8	75	9.50	-2146.37	1176.71	-54.81	-9.411e+04	1818.56	4318.05
8	79	-345.00	-1.173e+04	1070.42	50.84	-1.091e+05	216.65	-3996.88
8	79	-295.00	-1.119e+04	1215.31	50.84	-1.556e+05	4369.23	-7090.03
8	79	-245.00	-9499.54	1210.81	100.11	-2.222e+05	8426.95	-6813.26
8	79	-194.10	-7867.36	1085.53	-93.12	-2.574e+05	4741.78	4326.32
8	79	-143.20	-6426.91	803.01	-43.30	-2.358e+05	2787.11	1949.42
8	79	-92.30	-5078.23	816.67	-16.70	-1.950e+05	2113.08	378.56
8	79	-41.40	-3560.70	1069.52	-21.21	-1.698e+05	725.82	-679.12
8	79	9.50	-1626.97	1693.51	-12.39	-1.120e+05	72.56	5274.11
8	81	-345.00	-1.334e+04	910.29	50.49	-9.556e+04	1110.94	-4188.29
8	81	-295.00	-1.271e+04	1037.44	50.49	-1.368e+05	5170.60	-7477.31
8	81	-245.00	-1.093e+04	1026.70	83.26	-1.961e+05	8105.02	-7981.97
8	81	-194.10	-9328.08	933.29	-102.02	-2.305e+05	4797.37	4143.85

8	81	-143.20	-7958.67	672.57	-48.92	-2.141e+05	2593.32	1944.11
8	81	-92.30	-6671.77	668.87	-19.85	-1.832e+05	1748.22	-22.32
8	81	-41.40	-5199.80	878.37	-15.59	-1.639e+05	562.18	-1432.10
8	81	9.50	-3169.46	1450.19	-8.34	-9.928e+04	231.82	5355.17
8	82	-345.00	-1.349e+04	967.96	51.24	-1.013e+05	1069.68	-4201.16
8	82	-295.00	-1.285e+04	1102.99	51.24	-1.445e+05	5199.12	-7476.03
8	82	-245.00	-1.106e+04	1093.67	84.57	-2.061e+05	8183.68	-7926.51
8	82	-194.10	-9439.47	990.74	-101.56	-2.413e+05	4867.82	4203.76
8	82	-143.20	-8045.93	716.40	-48.56	-2.232e+05	2686.46	1977.17
8	82	-92.30	-6730.56	714.18	-19.74	-1.895e+05	1847.19	29.10
8	82	-41.40	-5225.37	937.96	-15.76	-1.683e+05	645.17	-1362.95
8	82	9.50	-3170.84	1550.03	-9.61	-1.019e+05	245.62	5402.73
8	83	-345.00	-1.203e+04	1185.76	52.32	-1.206e+05	134.13	-4022.62
8	83	-295.00	-1.148e+04	1346.40	52.32	-1.709e+05	4426.27	-7087.47
8	83	-245.00	-9766.02	1344.74	102.73	-2.423e+05	8584.28	-6702.36
8	83	-194.10	-8090.14	1200.42	-92.19	-2.789e+05	4882.67	4446.13
8	83	-143.20	-6601.43	890.66	-42.58	-2.540e+05	2973.39	2015.54
8	83	-92.30	-5195.80	907.28	-16.49	-2.076e+05	2311.03	481.41
8	83	-41.40	-3611.86	1188.70	-21.56	-1.787e+05	891.81	-540.83
8	83	9.50	-1629.72	1893.19	-14.93	-1.173e+05	100.16	5369.23
8	86	-345.00	-1.173e+04	1070.42	50.84	-1.091e+05	216.65	-3996.88
8	86	-295.00	-1.119e+04	1215.31	50.84	-1.556e+05	4369.23	-7090.03
8	86	-245.00	-9499.54	1210.81	100.11	-2.222e+05	8426.95	-6813.26
8	86	-194.10	-7867.36	1085.53	-93.12	-2.574e+05	4741.78	4326.32
8	86	-143.20	-6426.91	803.01	-43.30	-2.358e+05	2787.11	1949.42
8	86	-92.30	-5078.23	816.67	-16.70	-1.950e+05	2113.08	378.56
8	86	-41.40	-3560.70	1069.52	-21.21	-1.698e+05	725.82	-679.12
8	86	9.50	-1626.97	1693.51	-12.39	-1.120e+05	72.56	5274.11
8	87	-345.00	-1.253e+04	990.36	50.67	-1.023e+05	663.79	-4092.59
8	87	-295.00	-1.195e+04	1126.38	50.67	-1.462e+05	4769.92	-7283.67
8	87	-245.00	-1.021e+04	1118.76	91.68	-2.092e+05	8265.99	-7397.61
8	87	-194.10	-8597.72	1009.41	-97.57	-2.440e+05	4769.57	4235.09
8	87	-143.20	-7192.79	737.79	-46.11	-2.249e+05	2690.22	1946.77
8	87	-92.30	-5875.00	742.77	-18.27	-1.891e+05	1930.65	178.12
8	87	-41.40	-4380.25	973.94	-18.40	-1.669e+05	644.00	-1055.61
8	87	9.50	-2398.21	1571.85	-10.36	-1.057e+05	152.19	5314.64
8	88	-345.00	-1.179e+04	1093.49	51.14	-1.114e+05	200.15	-4002.03
8	88	-295.00	-1.125e+04	1241.53	51.14	-1.586e+05	4380.64	-7089.52
8	88	-245.00	-9552.84	1237.60	100.63	-2.263e+05	8458.42	-6791.08
8	88	-194.10	-7911.91	1108.51	-92.93	-2.617e+05	4769.96	4350.28
8	88	-143.20	-6461.82	820.54	-43.16	-2.394e+05	2824.37	1962.65
8	88	-92.30	-5101.74	834.79	-16.65	-1.975e+05	2152.67	399.13
8	88	-41.40	-3570.93	1093.35	-21.28	-1.716e+05	759.02	-651.46
8	88	9.50	-1627.52	1733.45	-12.90	-1.131e+05	78.08	5293.14
8	91	-345.00	-1.173e+04	1070.42	50.84	-1.091e+05	216.65	-3996.88
8	91	-295.00	-1.119e+04	1215.31	50.84	-1.556e+05	4369.23	-7090.03
8	91	-245.00	-9499.54	1210.81	100.11	-2.222e+05	8426.95	-6813.26
8	91	-194.10	-7867.36	1085.53	-93.12	-2.574e+05	4741.78	4326.32
8	91	-143.20	-6426.91	803.01	-43.30	-2.358e+05	2787.11	1949.42
8	91	-92.30	-5078.23	816.67	-16.70	-1.950e+05	2113.08	378.56
8	91	-41.40	-3560.70	1069.52	-21.21	-1.698e+05	725.82	-679.12
8	91	9.50	-1626.97	1693.51	-12.39	-1.120e+05	72.56	5274.11
8	92	-345.00	-1.221e+04	1022.38	50.74	-1.050e+05	484.94	-4054.30
8	92	-295.00	-1.165e+04	1161.95	50.74	-1.499e+05	4609.64	-7206.22
8	92	-245.00	-9928.06	1155.58	95.05	-2.144e+05	8330.37	-7163.87
8	92	-194.10	-8305.57	1039.86	-95.79	-2.494e+05	4758.46	4271.58
8	92	-143.20	-6886.44	763.88	-44.99	-2.293e+05	2728.98	1947.83
8	92	-92.30	-5556.29	772.33	-17.64	-1.915e+05	2003.63	258.30
8	92	-41.40	-4052.43	1012.17	-19.52	-1.681e+05	676.73	-905.01
8	92	9.50	-2089.71	1620.51	-11.17	-1.082e+05	120.34	5298.43
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-1.808e+04	-210.85	-135.65	-3.639e+05	-6256.60	-1.264e+04
			-1446.94	2473.16	259.07	-8.660e+04	1.118e+04	7064.60

Macro	Tipo	Angolo 1-Z (gradi)
9	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
9	4	9.50	-9.461e+04	788.15	24.41	5.044e+06	-2.118e+04	-4133.43
9	4	63.31	-9.423e+04	793.47	24.41	5.076e+06	-1.784e+04	-5253.83

9	4	117.12	-8.747e+04	671.32	131.91	5.043e+06	-9647.63	-3301.53
9	4	170.94	-8.016e+04	744.93	115.03	5.743e+06	-3210.89	-1441.39
9	4	224.75	-7.376e+04	776.42	97.21	5.777e+06	2193.22	76.57
9	4	278.56	-6.747e+04	810.91	77.01	5.833e+06	6715.48	1173.93
9	4	332.38	-6.133e+04	747.37	61.74	5.285e+06	1.047e+04	725.11
9	4	386.19	-5.392e+04	703.69	46.31	9.395e+06	1.319e+04	1059.28
9	4	440.00	-4.192e+04	-725.38	-66.72	9.511e+06	1.425e+04	2322.62
9	5	9.50	-6.252e+04	605.36	37.60	3.348e+06	-1.283e+04	-2858.09
9	5	63.31	-6.227e+04	616.10	37.60	3.440e+06	-9605.54	-2796.19
9	5	117.12	-5.747e+04	540.64	85.03	3.570e+06	-4431.77	-1556.36
9	5	170.94	-5.225e+04	555.09	66.16	4.164e+06	-825.56	-330.07
9	5	224.75	-4.755e+04	573.12	52.66	4.301e+06	2045.81	495.79
9	5	278.56	-4.291e+04	590.53	41.47	4.445e+06	4492.33	888.61
9	5	332.38	-3.844e+04	555.34	36.38	4.203e+06	6735.93	341.21
9	5	386.19	-3.312e+04	494.95	32.55	6.840e+06	8494.11	732.17
9	5	440.00	-2.528e+04	-362.89	-45.91	6.883e+06	9709.88	1153.65
9	9	9.50	-8.800e+04	828.82	46.67	4.020e+06	-1.752e+04	-4241.95
9	9	63.31	-8.769e+04	838.20	46.67	4.116e+06	-1.344e+04	-4178.35
9	9	117.12	-8.138e+04	731.41	117.19	4.236e+06	-6303.06	-2337.71
9	9	170.94	-7.451e+04	767.63	94.08	5.021e+06	-1164.82	-576.54
9	9	224.75	-6.837e+04	794.83	76.26	5.166e+06	3003.28	658.73
9	9	278.56	-6.232e+04	822.72	60.27	5.328e+06	6557.41	1357.14
9	9	332.38	-5.646e+04	775.10	52.67	4.939e+06	9799.29	779.78
9	9	386.19	-4.942e+04	697.97	47.20	8.833e+06	1.252e+04	1025.31
9	9	440.00	-3.815e+04	-553.23	-63.65	9.026e+06	1.386e+04	1941.39
9	27	9.50	-6.745e+04	6483.26	155.89	2.780e+06	-2.040e+04	-3284.36
9	27	63.31	-6.719e+04	6492.39	155.89	2.853e+06	-1.736e+04	-3488.80
9	27	117.12	-6.221e+04	6341.52	202.36	2.988e+06	-5090.61	-2913.29
9	27	170.94	-5.659e+04	6180.63	160.12	3.559e+06	2668.99	-1567.24
9	27	224.75	-5.141e+04	6010.15	103.89	3.642e+06	8300.38	-2076.75
9	27	278.56	-4.633e+04	5791.60	52.39	3.686e+06	1.191e+04	-2498.16
9	27	332.38	-4.146e+04	5470.98	12.79	3.430e+06	1.375e+04	-1672.65
9	27	386.19	-3.563e+04	5215.76	-35.22	6.351e+06	1.379e+04	3.13
9	27	440.00	-2.731e+04	2689.04	-197.79	6.513e+06	8510.11	1625.34
9	31	9.50	-7.338e+04	4033.91	442.69	3.916e+06	-3.865e+04	-1649.44
9	31	63.31	-7.312e+04	4043.03	442.69	3.988e+06	-3.561e+04	-2665.03
9	31	117.12	-6.722e+04	3907.24	430.98	4.164e+06	-4820.78	-5529.33
9	31	170.94	-6.087e+04	3533.76	352.96	4.811e+06	1.355e+04	-3962.93
9	31	224.75	-5.520e+04	3618.73	226.48	4.852e+06	2.707e+04	-6967.55
9	31	278.56	-4.972e+04	3958.21	82.51	5.008e+06	3.419e+04	-6301.81
9	31	332.38	-4.435e+04	3588.76	-42.14	4.626e+06	3.535e+04	-5556.68
9	31	386.19	-3.824e+04	3609.12	-220.65	7.628e+06	3.003e+04	-4081.74
9	31	440.00	-2.933e+04	1575.87	-604.38	7.638e+06	8549.73	-680.88
9	40	9.50	-5.736e+04	-704.80	-359.27	2.319e+06	8677.27	470.00
9	40	63.31	-5.710e+04	-695.67	-359.27	2.391e+06	1.172e+04	2185.41
9	40	117.12	-5.278e+04	-913.42	-243.05	2.572e+06	-5725.84	4487.26
9	40	170.94	-4.853e+04	-1054.73	-203.67	3.125e+06	-1.708e+04	4935.50
9	40	224.75	-4.451e+04	-1047.84	-97.68	3.331e+06	-2.488e+04	9292.65
9	40	278.56	-4.045e+04	-954.18	12.69	3.604e+06	-2.686e+04	1.080e+04
9	40	332.38	-3.701e+04	-628.05	122.08	3.450e+06	-2.216e+04	7275.08
9	40	386.19	-3.207e+04	-865.98	304.95	6.039e+06	-1.107e+04	6978.61
9	40	440.00	-2.435e+04	-1327.73	502.18	6.021e+06	1.277e+04	3846.98
9	44	9.50	-5.726e+04	-513.14	-359.65	2.345e+06	9031.24	14.69
9	44	63.31	-5.700e+04	-504.01	-359.65	2.418e+06	1.207e+04	1722.05
9	44	117.12	-5.273e+04	-732.58	-243.80	2.601e+06	-5712.91	3931.54
9	44	170.94	-4.847e+04	-890.27	-207.95	3.136e+06	-1.658e+04	4435.88
9	44	224.75	-4.447e+04	-899.61	-101.84	3.345e+06	-2.399e+04	8795.34
9	44	278.56	-4.040e+04	-824.52	13.04	3.599e+06	-2.581e+04	1.020e+04
9	44	332.38	-3.697e+04	-518.70	120.72	3.440e+06	-2.141e+04	6862.66
9	44	386.19	-3.204e+04	-790.92	300.51	6.031e+06	-1.088e+04	6471.71
9	44	440.00	-2.434e+04	-1294.11	509.56	6.012e+06	1.274e+04	3450.00
9	59	9.50	-6.808e+04	8073.15	189.59	2.563e+06	-2.215e+04	-3383.69
9	59	63.31	-6.782e+04	8082.28	189.59	2.635e+06	-1.911e+04	-3577.37
9	59	117.12	-6.283e+04	7912.38	232.88	2.785e+06	-5009.73	-3196.49
9	59	170.94	-5.714e+04	7700.87	183.83	3.355e+06	3766.82	-1833.97
9	59	224.75	-5.184e+04	7478.98	115.98	3.432e+06	1.004e+04	-2732.31
9	59	278.56	-4.666e+04	7195.98	53.85	3.457e+06	1.388e+04	-3409.90
9	59	332.38	-4.171e+04	6799.51	5.47	3.211e+06	1.556e+04	-2228.63
9	59	386.19	-3.577e+04	6489.46	-53.74	6.177e+06	1.512e+04	-203.76
9	59	440.00	-2.742e+04	3528.54	-238.51	6.373e+06	8108.83	1703.61
9	63	9.50	-7.561e+04	4961.53	554.19	4.005e+06	-4.535e+04	-1305.65
9	63	63.31	-7.535e+04	4970.66	554.19	4.077e+06	-4.231e+04	-2531.77
9	63	117.12	-6.919e+04	4819.97	523.57	4.278e+06	-4664.26	-6522.67
9	63	170.94	-6.256e+04	4338.47	428.97	4.944e+06	1.762e+04	-4879.68
9	63	224.75	-5.665e+04	4441.09	271.77	4.968e+06	3.392e+04	-8947.61
9	63	278.56	-5.097e+04	4866.95	92.12	5.137e+06	4.221e+04	-8244.49
9	63	332.38	-4.538e+04	4408.39	-64.43	4.730e+06	4.303e+04	-7163.71

9	63	386.19	-3.909e+04	4448.23	-289.52	7.800e+06	3.576e+04	-5394.23
9	63	440.00	-2.997e+04	2114.08	-755.15	7.801e+06	8165.38	-1221.68
9	72	9.50	-5.527e+04	-1057.90	-465.39	1.976e+06	1.479e+04	1383.44
9	72	63.31	-5.500e+04	-1048.78	-465.39	2.049e+06	1.783e+04	3626.83
9	72	117.12	-5.085e+04	-1303.55	-333.37	2.256e+06	-5835.81	6196.56
9	72	170.94	-4.689e+04	-1490.08	-278.61	2.803e+06	-2.137e+04	6421.61
9	72	224.75	-4.308e+04	-1486.62	-140.13	3.037e+06	-3.215e+04	1.171e+04
9	72	278.56	-3.920e+04	-1372.99	3.61	3.352e+06	-3.541e+04	1.348e+04
9	72	332.38	-3.605e+04	-948.00	144.61	3.236e+06	-3.009e+04	9135.62
9	72	386.19	-3.125e+04	-1236.24	378.68	5.780e+06	-1.647e+04	8660.00
9	72	440.00	-2.365e+04	-1574.12	651.00	5.746e+06	1.352e+04	4533.05
9	76	9.50	-5.514e+04	-814.30	-465.89	2.010e+06	1.524e+04	805.48
9	76	63.31	-5.488e+04	-805.17	-465.89	2.083e+06	1.828e+04	3038.72
9	76	117.12	-5.078e+04	-1073.72	-334.34	2.292e+06	-5819.23	5490.86
9	76	170.94	-4.681e+04	-1281.07	-284.05	2.817e+06	-2.073e+04	5787.11
9	76	224.75	-4.303e+04	-1298.24	-145.41	3.054e+06	-3.103e+04	1.108e+04
9	76	278.56	-3.913e+04	-1208.21	4.05	3.346e+06	-3.408e+04	1.272e+04
9	76	332.38	-3.600e+04	-809.01	142.88	3.223e+06	-2.913e+04	8611.65
9	76	386.19	-3.121e+04	-1140.80	373.05	5.770e+06	-1.624e+04	8016.59
9	76	440.00	-2.363e+04	-1531.32	660.39	5.735e+06	1.348e+04	4028.67
9	79	9.50	-6.331e+04	605.23	36.19	3.434e+06	-1.318e+04	-2883.68
9	79	63.31	-6.305e+04	615.53	36.19	3.520e+06	-9981.87	-2906.57
9	79	117.12	-5.821e+04	538.44	86.66	3.637e+06	-4697.68	-1648.62
9	79	170.94	-5.296e+04	556.21	68.22	4.225e+06	-967.48	-403.79
9	79	224.75	-4.823e+04	574.71	54.66	4.354e+06	2019.89	453.94
9	79	278.56	-4.357e+04	592.83	43.04	4.489e+06	4557.97	889.10
9	79	332.38	-3.908e+04	556.19	37.33	4.232e+06	6855.99	361.95
9	79	386.19	-3.371e+04	498.25	32.74	6.904e+06	8636.75	756.43
9	79	440.00	-2.578e+04	-376.20	-46.59	6.944e+06	9798.28	1216.33
9	82	9.50	-7.098e+04	606.21	22.04	3.764e+06	-1.565e+04	-3123.05
9	82	63.31	-7.071e+04	611.43	22.04	3.800e+06	-1.297e+04	-3816.51
9	82	117.12	-6.558e+04	520.80	98.41	3.803e+06	-6880.83	-2359.33
9	82	170.94	-6.003e+04	570.03	84.41	4.351e+06	-2174.98	-965.62
9	82	224.75	-5.515e+04	593.18	70.76	4.397e+06	1748.75	139.47
9	82	278.56	-5.035e+04	618.12	56.03	4.458e+06	5040.96	900.84
9	82	332.38	-4.567e+04	571.84	45.50	4.068e+06	7810.93	517.84
9	82	386.19	-4.005e+04	533.36	35.11	7.141e+06	9847.89	790.87
9	82	440.00	-3.105e+04	-524.87	-50.24	7.225e+06	1.075e+04	1668.80
9	83	9.50	-6.658e+04	633.33	36.88	3.081e+06	-1.321e+04	-3195.39
9	83	63.31	-6.635e+04	641.25	36.88	3.160e+06	-1.004e+04	-3099.52
9	83	117.12	-6.152e+04	560.86	88.60	3.264e+06	-4651.13	-1716.78
9	83	170.94	-5.626e+04	585.17	70.44	3.870e+06	-810.93	-389.05
9	83	224.75	-5.155e+04	605.45	56.80	3.990e+06	2288.78	527.58
9	83	278.56	-4.691e+04	625.99	44.87	4.121e+06	4935.58	1022.98
9	83	332.38	-4.243e+04	590.33	39.46	3.838e+06	7366.96	554.28
9	83	386.19	-3.704e+04	529.55	35.71	6.766e+06	9401.80	768.23
9	83	440.00	-2.854e+04	-410.11	-48.19	6.902e+06	1.049e+04	1414.64
9	86	9.50	-6.331e+04	605.23	36.19	3.434e+06	-1.318e+04	-2883.68
9	86	63.31	-6.305e+04	615.53	36.19	3.520e+06	-9981.87	-2906.57
9	86	117.12	-5.821e+04	538.44	86.66	3.637e+06	-4697.68	-1648.62
9	86	170.94	-5.296e+04	556.21	68.22	4.225e+06	-967.48	-403.79
9	86	224.75	-4.823e+04	574.71	54.66	4.354e+06	2019.89	453.94
9	86	278.56	-4.357e+04	592.83	43.04	4.489e+06	4557.97	889.10
9	86	332.38	-3.908e+04	556.19	37.33	4.232e+06	6855.99	361.95
9	86	386.19	-3.371e+04	498.25	32.74	6.904e+06	8636.75	756.43
9	86	440.00	-2.578e+04	-376.20	-46.59	6.944e+06	9798.28	1216.33
9	87	9.50	-6.633e+04	598.70	28.94	3.687e+06	-1.440e+04	-2925.44
9	87	63.31	-6.606e+04	607.05	28.94	3.750e+06	-1.146e+04	-3313.30
9	87	117.12	-6.107e+04	524.02	92.05	3.813e+06	-5800.90	-1986.93
9	87	170.94	-5.567e+04	555.88	75.76	4.377e+06	-1610.37	-688.39
9	87	224.75	-5.086e+04	576.26	62.18	4.466e+06	1817.10	278.29
9	87	278.56	-4.613e+04	597.19	49.08	4.565e+06	4705.06	861.50
9	87	332.38	-4.154e+04	555.48	40.89	4.249e+06	7205.71	391.81
9	87	386.19	-3.605e+04	507.98	33.19	7.057e+06	9051.05	770.70
9	87	440.00	-2.772e+04	-442.06	-48.01	7.095e+06	1.010e+04	1392.99
9	88	9.50	-6.396e+04	610.85	36.33	3.363e+06	-1.318e+04	-2946.03
9	88	63.31	-6.371e+04	620.67	36.33	3.448e+06	-9993.57	-2945.16
9	88	117.12	-5.888e+04	542.93	87.05	3.563e+06	-4688.37	-1662.25
9	88	170.94	-5.362e+04	562.00	68.66	4.154e+06	-936.17	-400.84
9	88	224.75	-4.890e+04	580.86	55.08	4.281e+06	2073.67	468.67
9	88	278.56	-4.424e+04	599.47	43.41	4.415e+06	4633.49	915.88
9	88	332.38	-3.975e+04	563.02	37.76	4.153e+06	6958.18	400.42
9	88	386.19	-3.438e+04	504.51	33.33	6.877e+06	8789.76	758.79
9	88	440.00	-2.633e+04	-382.98	-46.91	6.936e+06	9935.88	1255.99
9	91	9.50	-6.331e+04	605.23	36.19	3.434e+06	-1.318e+04	-2883.68
9	91	63.31	-6.305e+04	615.53	36.19	3.520e+06	-9981.87	-2906.57
9	91	117.12	-5.821e+04	538.44	86.66	3.637e+06	-4697.68	-1648.62

9	91	170.94	-5.296e+04	556.21	68.22	4.225e+06	-967.48	-403.79
9	91	224.75	-4.823e+04	574.71	54.66	4.354e+06	2019.89	453.94
9	91	278.56	-4.357e+04	592.83	43.04	4.489e+06	4557.97	889.10
9	91	332.38	-3.908e+04	556.19	37.33	4.232e+06	6855.99	361.95
9	91	386.19	-3.371e+04	498.25	32.74	6.904e+06	8636.75	756.43
9	91	440.00	-2.578e+04	-376.20	-46.59	6.944e+06	9798.28	1216.33
9	92	9.50	-6.512e+04	601.31	31.84	3.586e+06	-1.391e+04	-2908.74
9	92	63.31	-6.486e+04	610.44	31.84	3.658e+06	-1.087e+04	-3150.61
9	92	117.12	-5.993e+04	529.79	89.89	3.743e+06	-5359.61	-1851.61
9	92	170.94	-5.459e+04	556.01	72.74	4.316e+06	-1353.21	-574.55
9	92	224.75	-4.981e+04	575.64	59.17	4.421e+06	1898.22	348.55
9	92	278.56	-4.510e+04	595.45	46.67	4.535e+06	4646.22	872.54
9	92	332.38	-4.055e+04	555.77	39.47	4.242e+06	7065.82	379.87
9	92	386.19	-3.511e+04	504.09	33.01	6.996e+06	8885.33	764.99
9	92	440.00	-2.694e+04	-415.72	-47.45	7.035e+06	9979.53	1322.33

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-9.461e+04	-1574.12	-755.15	1.976e+06	-4.535e+04	-8947.61
	-2.363e+04	8082.28	660.39	9.511e+06	4.303e+04	1.348e+04

Macro	Tipo	Angolo 1-Z (gradi)
10	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
10	4	9.50	-3.769e+04	-147.14	27.01	3.874e+05	-965.36	919.59
10	4	63.31	-3.769e+04	-147.14	27.01	3.948e+05	214.13	-1732.95
10	4	117.12	-3.594e+04	14.56	78.17	2.328e+05	6891.69	-4672.98
10	4	170.94	-3.536e+04	84.19	23.45	-5213.63	8354.62	-1243.96
10	4	224.75	-3.417e+04	120.46	-17.32	-1.960e+04	7315.23	864.70
10	4	278.56	-3.296e+04	108.01	-49.63	7236.11	3801.42	1794.28
10	4	332.38	-3.160e+04	36.29	-46.04	1.117e+05	1503.63	823.58
10	4	386.19	-3.077e+04	-128.82	-69.01	1.433e+05	-2611.99	928.32
10	4	440.00	-2.751e+04	-438.49	-92.13	9.040e+04	-7876.12	-1090.09
10	5	9.50	-2.848e+04	-38.68	7.45	2.240e+05	84.44	807.71
10	5	63.31	-2.848e+04	-38.68	7.45	2.258e+05	50.55	-752.88
10	5	117.12	-2.655e+04	41.86	43.36	1.340e+05	3641.45	-2722.09
10	5	170.94	-2.544e+04	70.46	26.25	-2.063e+04	5515.72	-1485.20
10	5	224.75	-2.406e+04	86.44	1.60	-5.155e+04	5697.16	45.66
10	5	278.56	-2.269e+04	79.23	-22.05	-5.551e+04	4163.98	1131.86
10	5	332.38	-2.116e+04	41.39	-31.63	1.250e+04	2163.30	1097.97
10	5	386.19	-1.994e+04	-50.68	-36.39	4.213e+04	44.83	683.34
10	5	440.00	-1.737e+04	-219.74	-51.07	1.876e+04	-2588.05	-219.05
10	9	9.50	-3.923e+04	-40.24	11.80	3.228e+05	103.25	956.90
10	9	63.31	-3.923e+04	-40.24	11.80	3.245e+05	162.36	-1303.24
10	9	117.12	-3.683e+04	82.49	61.43	1.901e+05	5373.39	-3907.86
10	9	170.94	-3.558e+04	129.60	29.39	-2.638e+04	7420.00	-1682.05
10	9	224.75	-3.390e+04	152.79	-5.42	-5.897e+04	7144.06	343.17
10	9	278.56	-3.223e+04	136.88	-35.55	-5.218e+04	4632.04	1521.88
10	9	332.38	-3.038e+04	69.91	-40.69	4.912e+04	2202.05	1073.92
10	9	386.19	-2.900e+04	-84.12	-46.74	9.562e+04	-404.68	658.14
10	9	440.00	-2.552e+04	-330.84	-69.77	6.606e+04	-3792.64	-507.48
10	26	9.50	-2.748e+04	1297.26	-193.06	2.810e+05	1.148e+04	777.30
10	26	63.31	-2.748e+04	1297.26	-193.06	2.841e+05	1.174e+04	-847.34
10	26	117.12	-2.570e+04	1425.63	-58.24	1.791e+05	6416.00	-2170.95
10	26	170.94	-2.474e+04	1273.56	-113.32	2.065e+04	1505.97	2155.60
10	26	224.75	-2.324e+04	1281.34	-83.59	4.721e+04	-3207.50	2252.96
10	26	278.56	-2.182e+04	1162.07	-33.59	7.872e+04	-7385.39	1521.28
10	26	332.38	-2.030e+04	872.30	76.71	1.549e+05	-6987.52	160.30
10	26	386.19	-1.920e+04	834.02	173.69	1.653e+05	150.40	29.82
10	26	440.00	-1.656e+04	333.63	356.28	1.415e+05	1.406e+04	-4797.21
10	28	9.50	-2.955e+04	1039.53	237.93	4.495e+05	-1.270e+04	1974.18
10	28	63.31	-2.955e+04	1039.53	237.93	4.526e+05	-1.243e+04	830.15
10	28	117.12	-2.779e+04	1037.78	156.67	3.359e+05	1430.60	-1260.42
10	28	170.94	-2.687e+04	1191.07	154.21	1.613e+05	9402.60	-1932.80
10	28	224.75	-2.590e+04	1161.40	76.17	6.250e+04	1.382e+04	626.93
10	28	278.56	-2.485e+04	1196.87	-7.43	1.862e+04	1.436e+04	2457.06
10	28	332.38	-2.354e+04	1300.92	-138.58	7.286e+04	1.044e+04	1938.00
10	28	386.19	-2.260e+04	1036.70	-243.75	1.069e+05	-1153.56	676.64
10	28	440.00	-2.005e+04	357.88	-452.19	7.128e+04	-2.044e+04	3677.64
10	41	9.50	-2.781e+04	-4150.22	-94.37	-1.819e+05	5134.90	-1734.95
10	41	63.31	-2.781e+04	-4150.22	-94.37	-1.788e+05	5399.13	-4582.54

10	41	117.12	-2.610e+04	-3931.71	9.60	-2.415e+05	5601.86	-7696.59
10	41	170.94	-2.529e+04	-3786.63	-2.53	-3.868e+05	6090.20	-6136.30
10	41	224.75	-2.396e+04	-3657.18	-21.71	-3.593e+05	4684.90	-4269.04
10	41	278.56	-2.268e+04	-3556.91	-51.67	-3.178e+05	1958.50	-1943.80
10	41	332.38	-2.135e+04	-3456.57	-10.15	-2.266e+05	-50.96	229.95
10	41	386.19	-2.022e+04	-3389.97	-3.30	-1.880e+05	-649.71	1954.93
10	41	440.00	-1.785e+04	-2208.46	37.02	-2.161e+05	41.71	-1135.58
10	43	9.50	-2.841e+04	-4216.35	33.73	-1.332e+05	-2076.31	-1291.74
10	43	63.31	-2.841e+04	-4216.35	33.73	-1.301e+05	-1812.09	-4024.94
10	43	117.12	-2.671e+04	-4037.26	72.83	-1.980e+05	4143.53	-7441.02
10	43	170.94	-2.591e+04	-3831.66	76.05	-3.479e+05	8227.18	-7301.57
10	43	224.75	-2.475e+04	-3711.89	25.39	-3.568e+05	9692.19	-4553.90
10	43	278.56	-2.357e+04	-3578.10	-44.23	-3.367e+05	8355.03	-1571.75
10	43	332.38	-2.231e+04	-3385.39	-73.34	-2.515e+05	5095.16	652.61
10	43	386.19	-2.122e+04	-3343.80	-127.35	-2.053e+05	-1055.58	1939.75
10	43	440.00	-1.889e+04	-2218.81	-205.32	-2.362e+05	-1.030e+04	1260.51
10	58	9.50	-2.722e+04	1665.12	-248.42	2.907e+05	1.463e+04	775.78
10	58	63.31	-2.722e+04	1665.12	-248.42	2.938e+05	1.489e+04	-829.48
10	58	117.12	-2.544e+04	1803.30	-87.07	1.877e+05	7036.09	-1953.90
10	58	170.94	-2.447e+04	1600.49	-150.51	3.029e+04	342.82	3104.07
10	58	224.75	-2.289e+04	1605.08	-105.55	7.093e+04	-5623.57	2803.25
10	58	278.56	-2.143e+04	1455.55	-35.49	1.102e+05	-1.043e+04	1605.03
10	58	332.38	-1.987e+04	1098.73	106.37	1.879e+05	-9396.94	-64.16
10	58	386.19	-1.875e+04	1077.24	232.05	1.938e+05	347.68	-159.97
10	58	440.00	-1.609e+04	493.01	468.11	1.714e+05	1.885e+04	-5987.07
10	60	9.50	-2.986e+04	1337.86	299.17	5.048e+05	-1.608e+04	2295.05
10	60	63.31	-2.986e+04	1337.86	299.17	5.079e+05	-1.581e+04	1299.87
10	60	117.12	-2.809e+04	1310.36	185.98	3.869e+05	703.52	-797.33
10	60	170.94	-2.717e+04	1495.50	189.38	2.091e+05	1.038e+04	-2093.18
10	60	224.75	-2.628e+04	1452.56	97.42	9.027e+04	1.601e+04	738.32
10	60	278.56	-2.527e+04	1499.66	-2.25	3.382e+04	1.721e+04	2793.31
10	60	332.38	-2.399e+04	1643.18	-167.11	8.363e+04	1.275e+04	2193.07
10	60	386.19	-2.307e+04	1334.57	-298.26	1.196e+05	-1308.57	662.05
10	60	440.00	-2.052e+04	523.63	-558.96	8.226e+04	-2.496e+04	4778.23
10	73	9.50	-2.764e+04	-5254.58	-123.02	-2.972e+05	6571.62	-2416.05
10	73	63.31	-2.764e+04	-5254.58	-123.02	-2.941e+05	6835.84	-5575.38
10	73	117.12	-2.594e+04	-5002.04	-0.87	-3.465e+05	6002.50	-8973.56
10	73	170.94	-2.516e+04	-4827.30	-9.74	-4.873e+05	6172.07	-7431.38
10	73	224.75	-2.381e+04	-4668.10	-26.92	-4.455e+05	4408.47	-5481.10
10	73	278.56	-2.252e+04	-4538.72	-58.45	-3.935e+05	1447.05	-2796.65
10	73	332.38	-2.121e+04	-4399.92	-4.00	-2.968e+05	-580.46	23.66
10	73	386.19	-2.005e+04	-4288.25	7.14	-2.551e+05	-670.19	2290.10
10	73	440.00	-1.772e+04	-2736.15	62.48	-2.829e+05	1050.40	-1332.92
10	75	9.50	-2.841e+04	-5338.56	39.69	-2.354e+05	-2587.70	-1853.36
10	75	63.31	-2.841e+04	-5338.56	39.69	-2.323e+05	-2323.47	-4867.51
10	75	117.12	-2.672e+04	-5136.14	79.43	-2.913e+05	4150.11	-8649.16
10	75	170.94	-2.595e+04	-4884.54	90.07	-4.379e+05	8885.93	-8911.98
10	75	224.75	-2.481e+04	-4737.64	32.90	-4.424e+05	1.077e+04	-5842.85
10	75	278.56	-2.365e+04	-4565.64	-49.00	-4.176e+05	9571.15	-2324.16
10	75	332.38	-2.242e+04	-4309.51	-84.25	-3.285e+05	5955.75	560.31
10	75	386.19	-2.132e+04	-4229.63	-150.43	-2.771e+05	-1185.74	2270.73
10	75	440.00	-1.904e+04	-2749.32	-245.35	-3.084e+05	-1.208e+04	1709.98
10	79	9.50	-2.852e+04	-45.27	8.61	2.303e+05	13.51	800.05
10	79	63.31	-2.852e+04	-45.27	8.61	2.325e+05	62.38	-803.29
10	79	117.12	-2.664e+04	38.68	44.84	1.380e+05	3786.71	-2801.80
10	79	170.94	-2.559e+04	69.15	25.72	-1.904e+04	5610.15	-1450.95
10	79	224.75	-2.425e+04	85.96	0.47	-4.832e+04	5718.28	94.26
10	79	278.56	-2.292e+04	78.41	-23.40	-5.027e+04	4087.50	1158.82
10	79	332.38	-2.143e+04	38.94	-32.07	1.867e+04	2099.34	1072.08
10	79	386.19	-2.027e+04	-56.34	-38.11	4.763e+04	-131.51	701.84
10	79	440.00	-1.771e+04	-232.76	-52.94	2.248e+04	-2903.54	-268.50
10	82	9.50	-2.891e+04	-99.74	18.38	2.848e+05	-594.49	724.84
10	82	63.31	-2.891e+04	-99.74	18.38	2.898e+05	143.18	-1228.80
10	82	117.12	-2.745e+04	16.99	57.10	1.710e+05	5002.52	-3435.75
10	82	170.94	-2.689e+04	66.22	19.41	-7078.08	6254.81	-1045.60
10	82	224.75	-2.588e+04	92.09	-10.73	-2.166e+04	5625.18	556.63
10	82	278.56	-2.487e+04	83.01	-35.31	-5369.94	3130.27	1332.72
10	82	332.38	-2.374e+04	31.02	-34.68	7.285e+04	1324.97	709.26
10	82	386.19	-2.300e+04	-89.62	-49.94	9.824e+04	-1641.29	700.13
10	82	440.00	-2.048e+04	-314.68	-67.23	6.079e+04	-5427.56	-729.56
10	83	9.50	-2.993e+04	-28.47	8.24	2.417e+05	117.92	749.71
10	83	63.31	-2.993e+04	-28.47	8.24	2.429e+05	108.67	-942.33
10	83	117.12	-2.805e+04	62.27	45.95	1.425e+05	3990.32	-2925.68
10	83	170.94	-2.704e+04	96.50	23.38	-2.119e+04	5631.73	-1337.66
10	83	224.75	-2.571e+04	113.64	-2.79	-4.791e+04	5511.07	208.94
10	83	278.56	-2.439e+04	102.25	-25.92	-4.498e+04	3684.01	1151.12
10	83	332.38	-2.293e+04	53.43	-31.11	3.112e+04	1790.59	876.15

10	83	386.19	-2.182e+04	-59.82	-35.09	6.643e+04	-169.76	520.01
10	83	440.00	-1.915e+04	-242.91	-52.32	4.456e+04	-2705.24	-341.15
10	86	9.50	-2.852e+04	-45.27	8.61	2.303e+05	13.51	800.05
10	86	63.31	-2.852e+04	-45.27	8.61	2.325e+05	62.38	-803.29
10	86	117.12	-2.664e+04	38.68	44.84	1.380e+05	3786.71	-2801.80
10	86	170.94	-2.559e+04	69.15	25.72	-1.904e+04	5610.15	-1450.95
10	86	224.75	-2.425e+04	85.96	0.47	-4.832e+04	5718.28	94.26
10	86	278.56	-2.292e+04	78.41	-23.40	-5.027e+04	4087.50	1158.82
10	86	332.38	-2.143e+04	38.94	-32.07	1.867e+04	2099.34	1072.08
10	86	386.19	-2.027e+04	-56.34	-38.11	4.763e+04	-131.51	701.84
10	86	440.00	-1.771e+04	-232.76	-52.94	2.248e+04	-2903.54	-268.50
10	87	9.50	-2.836e+04	-76.70	13.59	2.547e+05	-316.59	775.03
10	87	63.31	-2.836e+04	-76.70	13.59	2.585e+05	91.21	-981.29
10	87	117.12	-2.669e+04	21.93	50.69	1.533e+05	4343.71	-3087.81
10	87	170.94	-2.588e+04	60.85	23.16	-1.252e+04	5927.09	-1276.60
10	87	224.75	-2.470e+04	82.11	-4.31	-3.509e+04	5723.53	296.78
10	87	278.56	-2.353e+04	74.75	-28.72	-2.915e+04	3709.76	1247.69
10	87	332.38	-2.221e+04	31.35	-33.62	4.265e+04	1789.35	939.65
10	87	386.19	-2.125e+04	-72.11	-44.78	6.823e+04	-876.84	746.44
10	87	440.00	-1.873e+04	-271.18	-60.24	3.611e+04	-4215.12	-480.87
10	88	9.50	-2.880e+04	-41.91	8.54	2.326e+05	34.40	789.98
10	88	63.31	-2.880e+04	-41.91	8.54	2.345e+05	71.64	-831.10
10	88	117.12	-2.692e+04	43.40	45.06	1.389e+05	3827.43	-2826.58
10	88	170.94	-2.588e+04	74.62	25.25	-1.947e+04	5614.47	-1428.29
10	88	224.75	-2.454e+04	91.50	-0.18	-4.824e+04	5676.84	117.20
10	88	278.56	-2.321e+04	83.18	-23.90	-4.922e+04	4006.80	1157.28
10	88	332.38	-2.173e+04	41.84	-31.88	2.116e+04	2037.59	1032.89
10	88	386.19	-2.058e+04	-57.04	-37.51	5.139e+04	-139.16	665.47
10	88	440.00	-1.800e+04	-234.79	-52.82	2.689e+04	-2863.88	-283.03
10	91	9.50	-2.852e+04	-45.27	8.61	2.303e+05	13.51	800.05
10	91	63.31	-2.852e+04	-45.27	8.61	2.325e+05	62.38	-803.29
10	91	117.12	-2.664e+04	38.68	44.84	1.380e+05	3786.71	-2801.80
10	91	170.94	-2.559e+04	69.15	25.72	-1.904e+04	5610.15	-1450.95
10	91	224.75	-2.425e+04	85.96	0.47	-4.832e+04	5718.28	94.26
10	91	278.56	-2.292e+04	78.41	-23.40	-5.027e+04	4087.50	1158.82
10	91	332.38	-2.143e+04	38.94	-32.07	1.867e+04	2099.34	1072.08
10	91	386.19	-2.027e+04	-56.34	-38.11	4.763e+04	-131.51	701.84
10	91	440.00	-1.771e+04	-232.76	-52.94	2.248e+04	-2903.54	-268.50
10	92	9.50	-2.843e+04	-64.13	11.60	2.450e+05	-184.55	785.04
10	92	63.31	-2.843e+04	-64.13	11.60	2.481e+05	79.68	-910.09
10	92	117.12	-2.667e+04	28.63	48.35	1.472e+05	4120.91	-2973.40
10	92	170.94	-2.576e+04	64.17	24.18	-1.513e+04	5800.31	-1346.34
10	92	224.75	-2.452e+04	83.65	-2.40	-4.038e+04	5721.43	215.77
10	92	278.56	-2.329e+04	76.21	-26.59	-3.760e+04	3860.85	1212.14
10	92	332.38	-2.190e+04	34.39	-33.00	3.306e+04	1913.35	992.62
10	92	386.19	-2.086e+04	-65.81	-42.11	5.999e+04	-578.71	728.60
10	92	440.00	-1.832e+04	-255.82	-57.32	3.066e+04	-3690.49	-395.92
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-3.923e+04	-5338.56	-558.96	-4.873e+05	-2.496e+04	-8973.56
			-1.609e+04	1803.30	468.11	5.079e+05	1.885e+04	4778.23

Macro	Tipo	Angolo 1-Z (gradi)
11	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
11	4	9.50	-3.997e+04	-114.05	-150.74	-2.277e+04	2.068e+04	-3783.14
11	4	63.31	-4.036e+04	-107.82	-150.74	-2.631e+04	9383.49	-2182.24
11	4	117.12	-3.850e+04	-104.23	-114.02	-1.968e+04	3279.17	-1119.31
11	4	170.94	-3.685e+04	-103.23	-66.80	-1.401e+04	-89.45	-626.94
11	4	224.75	-3.516e+04	-104.31	-34.90	-6100.29	-1907.79	-225.76
11	4	278.56	-3.345e+04	-105.72	-12.08	5203.23	-2624.78	295.10
11	4	332.38	-3.173e+04	-108.42	4.56	2.362e+04	-2516.83	943.40
11	4	386.19	-2.975e+04	-113.87	-4.08	4.266e+04	-2686.76	1666.81
11	4	440.00	-2.751e+04	-119.38	-35.42	6.417e+04	-5228.50	993.72
11	5	9.50	-2.781e+04	-13.77	-99.25	-2.562e+04	1.394e+04	-2344.73
11	5	63.31	-2.799e+04	-11.96	-99.25	-2.851e+04	6492.13	-1194.33
11	5	117.12	-2.640e+04	-11.71	-75.76	-2.150e+04	2390.52	-530.67
11	5	170.94	-2.501e+04	-12.39	-41.40	-1.507e+04	308.47	-211.06
11	5	224.75	-2.360e+04	-13.78	-18.46	-7418.62	-650.12	40.23
11	5	278.56	-2.217e+04	-15.11	-2.88	1660.11	-853.53	333.90

11	5	332.38	-2.073e+04	-17.33	7.43	1.361e+04	-543.95	637.55
11	5	386.19	-1.907e+04	-21.88	2.27	2.333e+04	-394.63	924.04
11	5	440.00	-1.719e+04	-26.53	-13.36	3.247e+04	-1403.53	513.29
11	23	9.50	-2.504e+04	-876.53	48.97	-4.390e+04	4904.35	-2837.07
11	23	63.31	-2.526e+04	-873.78	48.97	-4.674e+04	-2890.80	-1286.55
11	23	117.12	-2.393e+04	-841.41	13.51	-3.021e+04	-811.94	216.94
11	23	170.94	-2.283e+04	-811.57	16.90	-2.830e+04	2247.16	430.92
11	23	224.75	-2.169e+04	-784.82	11.88	-3.181e+04	2944.50	212.97
11	23	278.56	-2.050e+04	-764.55	-2.34	-3.168e+04	3645.59	-6.50
11	23	332.38	-1.924e+04	-831.62	-29.56	-2.116e+04	3170.46	-159.14
11	23	386.19	-1.777e+04	-916.26	-109.12	-4389.04	1418.14	238.43
11	23	440.00	-1.614e+04	-939.40	-254.65	1570.94	-1.239e+04	110.40
11	26	9.50	-3.216e+04	805.99	-256.77	-3474.91	2.410e+04	-2180.13
11	26	63.31	-3.238e+04	808.74	-256.77	-6321.33	1.630e+04	-1373.00
11	26	117.12	-3.064e+04	778.40	-171.56	-9937.16	5698.37	-1461.31
11	26	170.94	-2.905e+04	748.09	-105.30	-136.91	-1808.06	-1004.06
11	26	224.75	-2.743e+04	718.90	-53.53	1.785e+04	-4668.41	-252.63
11	26	278.56	-2.584e+04	696.13	-6.93	3.575e+04	-5965.45	613.00
11	26	332.38	-2.430e+04	758.86	42.60	5.045e+04	-4978.26	1481.82
11	26	386.19	-2.254e+04	834.70	111.56	5.595e+04	-3036.97	1804.12
11	26	440.00	-2.051e+04	848.97	221.05	7.246e+04	8302.18	1031.08
11	41	9.50	-2.955e+04	-3271.18	-169.70	-1.444e+05	1.948e+04	-4659.06
11	41	63.31	-2.977e+04	-3268.44	-169.70	-1.472e+05	1.168e+04	-3944.20
11	41	117.12	-2.817e+04	-3164.17	-107.56	-1.011e+05	5121.50	-1312.63
11	41	170.94	-2.674e+04	-3034.11	-72.08	-1.294e+05	570.65	-1379.19
11	41	224.75	-2.532e+04	-2896.59	-43.22	-1.796e+05	-1511.89	-3014.90
11	41	278.56	-2.380e+04	-2763.92	-15.87	-2.123e+05	-2698.45	-3199.81
11	41	332.38	-2.243e+04	-2637.86	11.92	-1.607e+05	-2808.68	-3165.92
11	41	386.19	-2.059e+04	-2570.19	36.33	-1.309e+05	-2219.69	-1851.78
11	41	440.00	-1.888e+04	-2455.83	60.73	-8.911e+04	614.65	-1959.26
11	55	9.50	-2.408e+04	-1103.95	90.35	-4.937e+04	2309.63	-2924.99
11	55	63.31	-2.430e+04	-1101.20	90.35	-5.222e+04	-5485.52	-1273.68
11	55	117.12	-2.303e+04	-1060.36	38.55	-3.297e+04	-1691.57	445.12
11	55	170.94	-2.198e+04	-1022.37	33.45	-3.212e+04	2798.96	625.22
11	55	224.75	-2.092e+04	-988.03	20.73	-3.854e+04	3978.01	276.37
11	55	278.56	-1.978e+04	-961.92	-1.72	-4.083e+04	4949.61	-91.42
11	55	332.38	-1.856e+04	-1046.50	-39.31	-3.085e+04	4277.05	-382.78
11	55	386.19	-1.713e+04	-1152.80	-138.95	-1.256e+04	2026.23	26.06
11	55	440.00	-1.555e+04	-1181.07	-318.98	-8040.05	-1.519e+04	-16.05
11	58	9.50	-3.312e+04	1033.41	-298.15	1999.75	2.669e+04	-2092.21
11	58	63.31	-3.334e+04	1036.16	-298.15	-846.67	1.890e+04	-1385.87
11	58	117.12	-3.155e+04	997.35	-196.61	-7175.23	6578.01	-1689.49
11	58	170.94	-2.989e+04	958.89	-121.84	3686.20	-2359.86	-1198.37
11	58	224.75	-2.820e+04	922.12	-62.38	2.459e+04	-5701.92	-316.03
11	58	278.56	-2.657e+04	893.50	-7.54	4.489e+04	-7269.46	697.93
11	58	332.38	-2.499e+04	973.75	52.35	6.014e+04	-6084.85	1705.45
11	58	386.19	-2.318e+04	1071.25	141.38	6.412e+04	-3645.06	2016.49
11	58	440.00	-2.110e+04	1090.64	285.38	8.207e+04	1.110e+04	1157.54
11	72	9.50	-2.740e+04	4075.30	-20.38	1.296e+05	8179.41	220.63
11	72	63.31	-2.761e+04	4078.05	-20.38	1.268e+05	384.26	1988.77
11	72	117.12	-2.616e+04	3947.83	-42.87	8.290e+04	-959.26	251.58
11	72	170.94	-2.493e+04	3782.03	-8.84	1.322e+05	-229.34	1100.22
11	72	224.75	-2.360e+04	3604.53	7.63	2.123e+05	-41.75	3784.71
11	72	278.56	-2.237e+04	3433.14	9.64	2.744e+05	787.32	4753.71
11	72	332.38	-2.094e+04	3268.09	-0.32	2.372e+05	1512.41	5524.18
11	72	386.19	-1.960e+04	3172.17	-43.34	2.250e+05	979.25	4669.93
11	72	440.00	-1.762e+04	3016.79	-115.22	1.974e+05	-5422.12	3784.42
11	73	9.50	-2.981e+04	-4145.83	-187.42	-1.770e+05	2.082e+04	-5237.83
11	73	63.31	-3.002e+04	-4143.09	-187.42	-1.799e+05	1.303e+04	-4648.33
11	73	117.12	-2.841e+04	-4010.84	-115.18	-1.230e+05	5845.69	-1495.95
11	73	170.94	-2.695e+04	-3845.51	-79.55	-1.606e+05	668.44	-1673.37
11	73	224.75	-2.553e+04	-3670.45	-49.28	-2.263e+05	-1682.16	-3824.37
11	73	278.56	-2.397e+04	-3501.56	-18.90	-2.703e+05	-3107.17	-4147.21
11	73	332.38	-2.261e+04	-3340.84	13.37	-2.079e+05	-3320.21	-4201.51
11	73	386.19	-2.071e+04	-3253.73	45.78	-1.734e+05	-2598.07	-2627.38
11	73	440.00	-1.903e+04	-3107.23	81.62	-1.233e+05	1333.03	-2642.93
11	79	9.50	-2.809e+04	-20.33	-100.75	-2.500e+04	1.413e+04	-2393.92
11	79	63.31	-2.828e+04	-18.24	-100.75	-2.788e+04	6568.27	-1233.48
11	79	117.12	-2.672e+04	-17.78	-76.83	-2.099e+04	2413.14	-556.93
11	79	170.94	-2.534e+04	-18.33	-42.29	-1.472e+04	286.27	-232.75
11	79	224.75	-2.394e+04	-19.69	-19.18	-7181.42	-709.66	22.90
11	79	278.56	-2.252e+04	-21.01	-3.39	1872.88	-940.50	325.05
11	79	332.38	-2.110e+04	-23.23	7.20	1.401e+04	-645.15	644.51
11	79	386.19	-1.945e+04	-27.75	1.99	2.413e+04	-511.23	951.76
11	79	440.00	-1.758e+04	-32.36	-14.49	3.390e+04	-1593.77	529.94
11	82	9.50	-3.020e+04	-74.38	-112.92	-1.892e+04	1.555e+04	-2808.49
11	82	63.31	-3.048e+04	-70.13	-112.92	-2.168e+04	7080.67	-1593.20

11	82	117.12	-2.902e+04	-67.82	-85.54	-1.626e+04	2492.78	-802.96
11	82	170.94	-2.773e+04	-67.30	-49.58	-1.154e+04	-6.66	-434.54
11	82	224.75	-2.640e+04	-68.22	-25.35	-5182.52	-1326.79	-135.90
11	82	278.56	-2.507e+04	-69.35	-8.17	3576.69	-1817.28	245.97
11	82	332.38	-2.373e+04	-71.44	4.16	1.735e+04	-1696.44	710.23
11	82	386.19	-2.217e+04	-75.70	-2.27	3.113e+04	-1781.60	1219.63
11	82	440.00	-2.042e+04	-80.02	-24.79	4.635e+04	-3571.35	722.04
11	86	9.50	-2.809e+04	-20.33	-100.75	-2.500e+04	1.413e+04	-2393.92
11	86	63.31	-2.828e+04	-18.24	-100.75	-2.788e+04	6568.27	-1233.48
11	86	117.12	-2.672e+04	-17.78	-76.83	-2.099e+04	2413.14	-556.93
11	86	170.94	-2.534e+04	-18.33	-42.29	-1.472e+04	286.27	-232.75
11	86	224.75	-2.394e+04	-19.69	-19.18	-7181.42	-709.66	22.90
11	86	278.56	-2.252e+04	-21.01	-3.39	1872.88	-940.50	325.05
11	86	332.38	-2.110e+04	-23.23	7.20	1.401e+04	-645.15	644.51
11	86	386.19	-1.945e+04	-27.75	1.99	2.413e+04	-511.23	951.76
11	86	440.00	-1.758e+04	-32.36	-14.49	3.390e+04	-1593.77	529.94
11	87	9.50	-2.895e+04	-45.23	-106.00	-2.281e+04	1.475e+04	-2585.06
11	87	63.31	-2.918e+04	-42.04	-106.00	-2.564e+04	6796.24	-1393.98
11	87	117.12	-2.767e+04	-40.66	-80.49	-1.946e+04	2463.27	-665.69
11	87	170.94	-2.634e+04	-40.68	-45.47	-1.388e+04	175.07	-322.46
11	87	224.75	-2.498e+04	-41.80	-21.92	-6839.87	-963.49	-48.31
11	87	278.56	-2.361e+04	-43.01	-5.46	2140.51	-1306.21	288.72
11	87	332.38	-2.222e+04	-45.14	6.07	1.507e+04	-1076.40	672.56
11	87	386.19	-2.063e+04	-49.46	0.70	2.688e+04	-1008.20	1067.62
11	87	440.00	-1.882e+04	-53.79	-18.34	3.909e+04	-2345.07	597.94
11	91	9.50	-2.809e+04	-20.33	-100.75	-2.500e+04	1.413e+04	-2393.92
11	91	63.31	-2.828e+04	-18.24	-100.75	-2.788e+04	6568.27	-1233.48
11	91	117.12	-2.672e+04	-17.78	-76.83	-2.099e+04	2413.14	-556.93
11	91	170.94	-2.534e+04	-18.33	-42.29	-1.472e+04	286.27	-232.75
11	91	224.75	-2.394e+04	-19.69	-19.18	-7181.42	-709.66	22.90
11	91	278.56	-2.252e+04	-21.01	-3.39	1872.88	-940.50	325.05
11	91	332.38	-2.110e+04	-23.23	7.20	1.401e+04	-645.15	644.51
11	91	386.19	-1.945e+04	-27.75	1.99	2.413e+04	-511.23	951.76
11	91	440.00	-1.758e+04	-32.36	-14.49	3.390e+04	-1593.77	529.94
11	92	9.50	-2.860e+04	-35.27	-103.90	-2.369e+04	1.450e+04	-2508.60
11	92	63.31	-2.882e+04	-32.52	-103.90	-2.653e+04	6705.05	-1329.78
11	92	117.12	-2.729e+04	-31.51	-79.03	-2.007e+04	2443.22	-622.18
11	92	170.94	-2.594e+04	-31.74	-44.20	-1.422e+04	219.55	-286.57
11	92	224.75	-2.456e+04	-32.96	-20.82	-6976.49	-861.96	-19.83
11	92	278.56	-2.317e+04	-34.21	-4.63	2033.46	-1159.93	303.25
11	92	332.38	-2.177e+04	-36.38	6.52	1.465e+04	-903.90	661.34
11	92	386.19	-2.015e+04	-40.78	1.22	2.578e+04	-809.41	1021.28
11	92	440.00	-1.832e+04	-45.22	-16.80	3.702e+04	-2044.55	570.74
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-4.036e+04	-4145.83	-318.98	-2.703e+05	-1.519e+04	-5237.83
			-1.555e+04	4078.05	285.38	2.744e+05	2.669e+04	5524.18

Macro	Tipo	Angolo 1-Z (gradi)
12	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
12	1	9.50	-4.172e+04	-416.40	-88.24	2.131e+06	1.255e+04	3650.14
12	1	63.31	-4.009e+04	-446.04	-88.24	1.590e+06	7830.00	-2214.54
12	1	117.12	-3.638e+04	-537.45	-80.65	1.492e+06	3332.64	-693.19
12	1	170.94	-3.269e+04	-587.61	-55.99	1.351e+06	186.58	579.99
12	1	224.75	-2.908e+04	-609.39	-34.51	1.203e+06	-1791.30	1159.37
12	1	278.56	-2.551e+04	-594.87	-28.72	1.040e+06	-3534.15	1027.06
12	1	332.38	-2.195e+04	-554.59	-40.51	8.424e+05	-6259.37	109.86
12	1	386.19	-1.759e+04	-547.25	-85.18	4.911e+05	-1.088e+04	-3240.87
12	1	440.00	-1.004e+04	-1183.26	62.21	3.633e+05	-1.091e+04	-3158.48
12	5	9.50	-3.139e+04	-382.76	-67.64	1.546e+06	9670.48	2978.41
12	5	63.31	-3.017e+04	-400.95	-67.64	1.147e+06	6041.11	-1608.90
12	5	117.12	-2.734e+04	-466.05	-61.81	1.084e+06	2600.25	-547.63
12	5	170.94	-2.452e+04	-501.96	-43.46	9.863e+05	171.47	375.68
12	5	224.75	-2.177e+04	-518.48	-27.47	8.835e+05	-1389.73	822.84
12	5	278.56	-1.904e+04	-510.01	-22.88	7.681e+05	-2764.66	773.11
12	5	332.38	-1.632e+04	-485.80	-30.76	6.262e+05	-4834.15	148.22
12	5	386.19	-1.299e+04	-485.42	-62.95	3.658e+05	-8243.47	-2423.70
12	5	440.00	-7324.31	-930.84	41.64	2.684e+05	-8246.52	-2157.06
12	11	9.50	-4.864e+04	-24.61	-105.16	2.616e+06	1.489e+04	2936.35

12	11	63.31	-4.681e+04	-74.70	-105.16	1.978e+06	9199.90	-2982.35
12	11	117.12	-4.303e+04	-192.51	-96.03	1.816e+06	3842.88	-856.30
12	11	170.94	-3.930e+04	-259.37	-65.22	1.614e+06	180.76	824.29
12	11	224.75	-3.567e+04	-288.40	-39.40	1.410e+06	-2071.92	1600.91
12	11	278.56	-3.207e+04	-268.12	-32.20	1.193e+06	-4029.15	1485.40
12	11	332.38	-2.845e+04	-203.03	-45.97	9.476e+05	-7043.20	439.59
12	11	386.19	-2.400e+04	-182.67	-96.71	5.279e+05	-1.235e+04	-4008.49
12	11	440.00	-1.456e+04	-984.55	139.06	3.833e+05	-1.245e+04	-5831.17
12	21	9.50	-3.078e+04	-3891.97	-31.78	1.328e+06	1.002e+04	766.19
12	21	63.31	-2.950e+04	-3919.33	-31.78	8.987e+05	6375.34	-3039.67
12	21	117.12	-2.677e+04	-3939.74	-64.17	9.040e+05	3700.43	-2533.84
12	21	170.94	-2.418e+04	-3873.89	-79.25	9.353e+05	5612.04	-997.41
12	21	224.75	-2.170e+04	-3802.05	-53.90	9.448e+05	-2008.33	-317.38
12	21	278.56	-1.921e+04	-3725.85	-36.89	9.750e+05	-6712.94	54.97
12	21	332.38	-1.673e+04	-3642.12	-33.25	8.592e+05	-7784.42	144.50
12	21	386.19	-1.358e+04	-3578.05	-30.09	5.181e+05	-9353.76	-2718.91
12	21	440.00	-7749.10	-2630.60	40.08	2.828e+05	-7918.57	-2295.54
12	36	9.50	-3.698e+04	1520.28	-375.29	2.007e+06	2.558e+04	2216.76
12	36	63.31	-3.570e+04	1492.92	-375.29	1.578e+06	2.194e+04	-1380.57
12	36	117.12	-3.214e+04	1167.76	-300.48	1.461e+06	2453.31	2789.82
12	36	170.94	-2.862e+04	974.44	-210.00	1.290e+06	-9950.74	4426.06
12	36	224.75	-2.526e+04	950.47	-121.47	1.084e+06	-1.775e+04	4684.98
12	36	278.56	-2.203e+04	1296.11	-62.57	8.207e+05	-2.116e+04	3357.09
12	36	332.38	-1.870e+04	1442.95	-23.82	6.681e+05	-2.450e+04	1587.04
12	36	386.19	-1.491e+04	1582.75	21.78	3.712e+05	-2.532e+04	-433.41
12	36	440.00	-8625.33	81.43	338.07	3.177e+05	-1.610e+04	-2013.31
12	44	9.50	-3.652e+04	1900.54	-323.27	2.118e+06	2.273e+04	4593.58
12	44	63.31	-3.523e+04	1873.18	-323.27	1.688e+06	1.909e+04	-173.60
12	44	117.12	-3.215e+04	1916.86	-233.10	1.520e+06	3378.50	3073.60
12	44	170.94	-2.857e+04	1826.58	-174.11	1.331e+06	-8207.88	4795.93
12	44	224.75	-2.521e+04	1789.90	-100.36	1.104e+06	-1.429e+04	4933.37
12	44	278.56	-2.203e+04	1821.66	-45.94	8.161e+05	-1.705e+04	3608.00
12	44	332.38	-1.861e+04	1799.94	-22.47	6.664e+05	-2.047e+04	2125.47
12	44	386.19	-1.490e+04	1830.72	-4.00	3.690e+05	-2.206e+04	-860.55
12	44	440.00	-8719.22	241.49	283.93	3.003e+05	-1.494e+04	-2263.11
12	45	9.50	-2.900e+04	-2405.61	186.82	1.314e+06	-3430.46	650.64
12	45	63.31	-2.771e+04	-2432.97	186.82	8.846e+05	-7071.49	-3458.01
12	45	117.12	-2.505e+04	-2627.34	108.17	8.776e+05	1659.21	-4144.41
12	45	170.94	-2.292e+04	-2619.77	88.38	8.295e+05	8407.56	-3786.35
12	45	224.75	-2.071e+04	-2617.83	48.86	8.106e+05	1.152e+04	-3016.72
12	45	278.56	-1.837e+04	-2623.19	3.53	8.284e+05	1.168e+04	-1979.61
12	45	332.38	-1.629e+04	-2527.51	-39.39	6.587e+05	1.092e+04	-2056.52
12	45	386.19	-1.327e+04	-2536.54	-128.94	4.010e+05	5305.23	-4210.36
12	45	440.00	-7557.90	-2003.26	-182.49	2.723e+05	-1975.26	-2946.74
12	53	9.50	-3.024e+04	-4875.39	-21.39	1.223e+06	1.008e+04	269.05
12	53	63.31	-2.896e+04	-4902.75	-21.39	7.939e+05	6434.90	-3366.07
12	53	117.12	-2.627e+04	-4908.32	-63.94	8.243e+05	4016.99	-3068.72
12	53	170.94	-2.375e+04	-4813.52	-88.32	8.962e+05	7061.71	-1417.61
12	53	224.75	-2.136e+04	-4717.58	-61.17	9.415e+05	-2125.17	-671.65
12	53	278.56	-1.894e+04	-4624.36	-41.08	1.016e+06	-7718.98	-150.82
12	53	332.38	-1.654e+04	-4528.00	-33.91	9.123e+05	-8533.74	171.40
12	53	386.19	-1.344e+04	-4449.56	-20.61	5.541e+05	-9580.82	-2779.47
12	53	440.00	-7643.87	-3103.47	36.96	2.818e+05	-7763.98	-2211.57
12	68	9.50	-3.812e+04	1999.35	-458.53	2.086e+06	2.989e+04	2105.01
12	68	63.31	-3.684e+04	1971.99	-458.53	1.657e+06	2.625e+04	-1265.15
12	68	117.12	-3.309e+04	1579.31	-365.06	1.532e+06	2435.04	3691.87
12	68	170.94	-2.940e+04	1344.92	-255.36	1.346e+06	-1.266e+04	5489.24
12	68	224.75	-2.588e+04	1319.17	-147.42	1.118e+06	-2.217e+04	5694.26
12	68	278.56	-2.252e+04	1754.65	-73.75	8.202e+05	-2.617e+04	4044.44
12	68	332.38	-1.904e+04	1931.18	-21.87	6.696e+05	-2.984e+04	2008.24
12	68	386.19	-1.514e+04	2105.81	45.65	3.675e+05	-2.991e+04	143.20
12	68	440.00	-8756.78	341.48	415.82	3.261e+05	-1.817e+04	-1850.01
12	76	9.50	-3.753e+04	2482.37	-392.59	2.226e+06	2.628e+04	5123.94
12	76	63.31	-3.625e+04	2455.01	-392.59	1.797e+06	2.264e+04	267.41
12	76	117.12	-3.311e+04	2530.85	-279.58	1.607e+06	3609.64	4052.77
12	76	170.94	-2.933e+04	2427.34	-209.85	1.399e+06	-1.045e+04	5959.25
12	76	224.75	-2.582e+04	2385.44	-120.64	1.144e+06	-1.780e+04	6009.81
12	76	278.56	-2.252e+04	2422.22	-52.63	8.144e+05	-2.097e+04	4362.86
12	76	332.38	-1.892e+04	2384.64	-20.09	6.675e+05	-2.473e+04	2692.23
12	76	386.19	-1.513e+04	2420.80	12.97	3.647e+05	-2.577e+04	-401.04
12	76	440.00	-8876.01	544.82	347.13	3.040e+05	-1.670e+04	-2165.55
12	77	9.50	-2.798e+04	-2987.43	256.14	1.205e+06	-6983.28	120.28
12	77	63.31	-2.670e+04	-3014.79	256.14	7.760e+05	-1.062e+04	-3899.02
12	77	117.12	-2.409e+04	-3241.32	154.65	7.908e+05	1428.07	-5123.58
12	77	170.94	-2.216e+04	-3220.53	124.13	7.617e+05	1.065e+04	-4949.67
12	77	224.75	-2.010e+04	-3213.37	69.13	7.709e+05	1.502e+04	-4093.17
12	77	278.56	-1.788e+04	-3223.75	10.22	8.300e+05	1.559e+04	-2734.46

12	77	332.38	-1.598e+04	-3112.21	-41.76	6.576e+05	1.519e+04	-2623.29
12	77	386.19	-1.305e+04	-3126.61	-145.92	4.053e+05	9018.32	-4669.87
12	77	440.00	-7401.11	-2306.59	-245.69	2.686e+05	-219.17	-3044.30
12	79	9.50	-3.179e+04	-347.46	-67.77	1.599e+06	9660.70	2881.98
12	79	63.31	-3.055e+04	-368.25	-67.77	1.190e+06	6030.92	-1662.36
12	79	117.12	-2.770e+04	-436.31	-61.94	1.120e+06	2579.52	-539.48
12	79	170.94	-2.488e+04	-473.73	-43.24	1.016e+06	155.67	415.51
12	79	224.75	-2.211e+04	-490.38	-26.95	9.073e+05	-1383.05	861.83
12	79	278.56	-1.937e+04	-480.39	-22.44	7.859e+05	-2738.61	782.68
12	79	332.38	-1.664e+04	-452.35	-30.99	6.385e+05	-4823.27	112.21
12	79	386.19	-1.329e+04	-448.98	-64.40	3.726e+05	-8312.40	-2462.86
12	79	440.00	-7547.92	-919.17	45.15	2.747e+05	-8329.25	-2311.11
12	85	9.50	-3.640e+04	-86.27	-79.05	1.923e+06	1.122e+04	2406.12
12	85	63.31	-3.503e+04	-120.70	-79.05	1.449e+06	6944.18	-2174.24
12	85	117.12	-3.214e+04	-206.34	-72.19	1.336e+06	2919.67	-648.23
12	85	170.94	-2.929e+04	-254.90	-49.39	1.192e+06	151.80	578.38
12	85	224.75	-2.650e+04	-276.38	-30.21	1.045e+06	-1570.14	1156.19
12	85	278.56	-2.374e+04	-262.55	-24.75	8.882e+05	-3068.62	1088.24
12	85	332.38	-2.097e+04	-217.97	-34.63	7.087e+05	-5345.82	332.03
12	85	386.19	-1.757e+04	-205.93	-72.09	3.972e+05	-9293.01	-2974.61
12	85	440.00	-1.056e+04	-786.70	96.39	2.880e+05	-9356.38	-4092.90
12	86	9.50	-3.179e+04	-347.46	-67.77	1.599e+06	9660.70	2881.98
12	86	63.31	-3.055e+04	-368.25	-67.77	1.190e+06	6030.92	-1662.36
12	86	117.12	-2.770e+04	-436.31	-61.94	1.120e+06	2579.52	-539.48
12	86	170.94	-2.488e+04	-473.73	-43.24	1.016e+06	155.67	415.51
12	86	224.75	-2.211e+04	-490.38	-26.95	9.073e+05	-1383.05	861.83
12	86	278.56	-1.937e+04	-480.39	-22.44	7.859e+05	-2738.61	782.68
12	86	332.38	-1.664e+04	-452.35	-30.99	6.385e+05	-4823.27	112.21
12	86	386.19	-1.329e+04	-448.98	-64.40	3.726e+05	-8312.40	-2462.86
12	86	440.00	-7547.92	-919.17	45.15	2.747e+05	-8329.25	-2311.11
12	87	9.50	-3.340e+04	-189.25	-68.52	1.794e+06	9641.18	2448.86
12	87	63.31	-3.209e+04	-220.99	-68.52	1.351e+06	5992.65	-1918.11
12	87	117.12	-2.919e+04	-301.19	-62.82	1.252e+06	2478.41	-532.69
12	87	170.94	-2.633e+04	-345.17	-42.61	1.123e+06	62.61	564.31
12	87	224.75	-2.353e+04	-363.02	-24.95	9.906e+05	-1389.25	1022.65
12	87	278.56	-2.075e+04	-347.68	-20.39	8.464e+05	-2652.38	835.20
12	87	332.38	-1.799e+04	-304.75	-30.89	6.786e+05	-4738.92	-17.35
12	87	386.19	-1.462e+04	-288.86	-67.85	3.933e+05	-8417.34	-2583.85
12	87	440.00	-8532.32	-855.36	54.44	2.940e+05	-8546.10	-2800.81
12	88	9.50	-3.226e+04	-339.52	-69.82	1.609e+06	9978.40	2908.08
12	88	63.31	-3.102e+04	-359.98	-69.82	1.197e+06	6224.28	-1693.13
12	88	117.12	-2.817e+04	-428.14	-63.74	1.126e+06	2675.86	-563.14
12	88	170.94	-2.535e+04	-465.96	-44.65	1.021e+06	180.95	406.42
12	88	224.75	-2.259e+04	-483.24	-28.16	9.116e+05	-1418.74	875.67
12	88	278.56	-1.985e+04	-473.97	-23.47	7.894e+05	-2828.76	829.09
12	88	332.38	-1.713e+04	-446.80	-31.74	6.413e+05	-4951.40	192.45
12	88	386.19	-1.378e+04	-445.21	-64.97	3.717e+05	-8479.13	-2531.33
12	88	440.00	-7875.35	-910.55	52.80	2.719e+05	-8473.95	-2530.35
12	91	9.50	-3.179e+04	-347.46	-67.77	1.599e+06	9660.70	2881.98
12	91	63.31	-3.055e+04	-368.25	-67.77	1.190e+06	6030.92	-1662.36
12	91	117.12	-2.770e+04	-436.31	-61.94	1.120e+06	2579.52	-539.48
12	91	170.94	-2.488e+04	-473.73	-43.24	1.016e+06	155.67	415.51
12	91	224.75	-2.211e+04	-490.38	-26.95	9.073e+05	-1383.05	861.83
12	91	278.56	-1.937e+04	-480.39	-22.44	7.859e+05	-2738.61	782.68
12	91	332.38	-1.664e+04	-452.35	-30.99	6.385e+05	-4823.27	112.21
12	91	386.19	-1.329e+04	-448.98	-64.40	3.726e+05	-8312.40	-2462.86
12	91	440.00	-7547.92	-919.17	45.15	2.747e+05	-8329.25	-2311.11
12	92	9.50	-3.276e+04	-252.53	-68.22	1.716e+06	9648.99	2622.11
12	92	63.31	-3.147e+04	-279.89	-68.22	1.286e+06	6007.96	-1815.81
12	92	117.12	-2.860e+04	-355.24	-62.46	1.199e+06	2518.85	-535.41
12	92	170.94	-2.575e+04	-396.60	-42.86	1.080e+06	99.84	504.79
12	92	224.75	-2.296e+04	-413.96	-25.75	9.573e+05	-1386.77	958.32
12	92	278.56	-2.020e+04	-400.76	-21.21	8.222e+05	-2686.87	814.20
12	92	332.38	-1.745e+04	-363.79	-30.93	6.626e+05	-4772.66	34.47
12	92	386.19	-1.409e+04	-352.91	-66.47	3.850e+05	-8375.36	-2535.45
12	92	440.00	-8138.56	-880.88	50.72	2.863e+05	-8459.36	-2604.93
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-4.864e+04	-4908.32	-458.53	2.684e+05	-2.991e+04	-5831.17
			-7324.31	2530.85	415.82	2.616e+06	2.989e+04	6009.81

Macro	Tipo	Angolo 1-Z (gradi)
13	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
13	4	440.00	-1.971e+04	-646.37	-32.97	2.188e+05	-8896.67	-1779.53
13	4	492.58	-1.897e+04	-487.66	-32.97	1.570e+05	-1.057e+04	-1934.04
13	4	545.17	-1.837e+04	137.05	60.60	1.974e+05	-5908.89	-1570.38
13	4	597.75	-1.637e+04	149.31	3.31	1.469e+05	-6014.28	-371.16
13	4	650.33	-1.428e+04	153.42	-30.93	9.813e+04	-7813.35	226.43
13	4	702.92	-1.209e+04	155.27	-49.75	4.746e+04	-1.071e+04	383.42
13	4	755.50	-9730.21	149.03	-15.28	202.50	-1.407e+04	-44.76
13	5	440.00	-1.468e+04	-358.69	-39.00	1.178e+05	-3571.65	-594.38
13	5	492.58	-1.401e+04	-265.48	-39.00	8.501e+04	-5825.29	-906.99
13	5	545.17	-1.339e+04	97.55	31.69	1.090e+05	-3136.22	-878.70
13	5	597.75	-1.157e+04	102.88	0.38	7.969e+04	-3239.84	-163.11
13	5	650.33	-9734.05	104.54	-18.16	5.191e+04	-4263.24	127.30
13	5	702.92	-7860.84	104.41	-28.38	2.315e+04	-5916.69	143.34
13	5	755.50	-5910.94	99.75	-6.79	-3709.52	-7885.19	-100.24
13	11	440.00	-2.015e+04	-626.50	-44.23	2.119e+05	-7841.82	-1638.23
13	11	492.58	-1.937e+04	-470.23	-44.23	1.509e+05	-1.031e+04	-1950.66
13	11	545.17	-1.877e+04	134.57	54.39	1.943e+05	-5954.56	-1581.65
13	11	597.75	-1.671e+04	147.24	-1.33	1.458e+05	-6294.06	-340.65
13	11	650.33	-1.456e+04	151.80	-35.28	9.797e+04	-8313.46	304.97
13	11	702.92	-1.232e+04	154.36	-54.83	4.743e+04	-1.148e+04	495.07
13	11	755.50	-9910.16	147.57	-19.33	-170.06	-1.521e+04	25.00
13	21	440.00	-1.279e+04	-648.59	-384.70	5.718e+04	1.313e+04	-5629.85
13	21	492.58	-1.215e+04	-547.56	-384.70	2.057e+04	1.126e+04	-5775.94
13	21	545.17	-1.177e+04	-274.71	-184.54	5.640e+04	-686.05	-4878.41
13	21	597.75	-1.039e+04	-224.86	-108.10	4.366e+04	-9513.53	-3990.86
13	21	650.33	-8939.77	-202.23	-40.84	3.493e+04	-1.408e+04	-3724.57
13	21	702.92	-7364.31	-167.42	64.90	1.776e+04	-1.418e+04	-2398.35
13	21	755.50	-5595.38	-147.59	229.57	-4455.68	-6552.13	-2208.66
13	28	440.00	-1.662e+04	13.91	309.70	1.978e+05	-2.229e+04	3543.82
13	28	492.58	-1.599e+04	114.94	309.70	1.612e+05	-2.416e+04	2869.20
13	28	545.17	-1.521e+04	750.27	259.76	1.803e+05	-6363.28	1506.90
13	28	597.75	-1.311e+04	712.43	110.09	1.319e+05	2340.08	2564.07
13	28	650.33	-1.103e+04	665.64	3.24	7.958e+04	4687.99	3066.24
13	28	702.92	-8973.99	623.84	-124.73	3.021e+04	1295.47	2347.28
13	28	755.50	-6922.46	581.63	-243.76	-1.361e+04	-1.053e+04	1356.63
13	30	440.00	-1.279e+04	56.54	-375.71	2.346e+05	1.400e+04	-4311.64
13	30	492.58	-1.215e+04	157.57	-375.71	1.980e+05	1.213e+04	-3301.59
13	30	545.17	-1.177e+04	697.37	-195.22	2.083e+05	-73.05	-1199.74
13	30	597.75	-1.039e+04	671.82	-107.01	1.550e+05	-9258.27	-781.04
13	30	650.33	-8921.08	639.43	-39.87	1.099e+05	-1.356e+04	-766.71
13	30	702.92	-7336.50	598.66	63.67	6.192e+04	-1.357e+04	-213.37
13	30	755.50	-5570.52	557.22	225.96	7325.57	-6192.85	6.45
13	34	440.00	-1.412e+04	1278.70	-137.90	4.038e+05	2697.47	-1827.20
13	34	492.58	-1.348e+04	1379.73	-137.90	3.672e+05	827.81	-1202.05
13	34	545.17	-1.298e+04	2528.13	-44.03	3.579e+05	-1641.27	897.83
13	34	597.75	-1.134e+04	2360.01	-36.89	2.639e+05	-5012.76	1625.99
13	34	650.33	-9652.43	2165.03	-25.53	1.743e+05	-7170.58	1712.73
13	34	702.92	-7940.90	1972.42	-2.39	8.199e+04	-8183.65	1817.27
13	34	755.50	-6036.36	1788.75	59.46	-1.780e+04	-7775.07	1313.80
13	53	440.00	-1.228e+04	-716.21	-479.59	3.707e+04	1.791e+04	-6927.09
13	53	492.58	-1.164e+04	-615.18	-479.59	453.82	1.604e+04	-7049.64
13	53	545.17	-1.131e+04	-375.94	-244.28	3.914e+04	63.72	-5937.52
13	53	597.75	-1.003e+04	-314.26	-137.78	3.161e+04	-1.113e+04	-5015.27
13	53	650.33	-8659.68	-286.21	-46.80	2.875e+04	-1.664e+04	-4764.40
13	53	702.92	-7148.89	-242.01	90.52	1.538e+04	-1.629e+04	-3089.89
13	53	755.50	-5417.83	-215.59	293.57	-4940.14	-6048.55	-2780.53
13	60	440.00	-1.714e+04	125.17	402.51	2.157e+05	-2.707e+04	4717.68
13	60	492.58	-1.651e+04	226.21	402.51	1.791e+05	-2.894e+04	3922.93
13	60	545.17	-1.568e+04	925.96	320.10	1.965e+05	-7138.62	2172.57
13	60	597.75	-1.349e+04	876.18	139.38	1.436e+05	3925.42	3310.06
13	60	650.33	-1.131e+04	816.20	9.21	8.545e+04	7199.36	3861.39
13	60	702.92	-9194.22	763.06	-150.34	3.122e+04	3363.88	2938.26
13	60	755.50	-7103.93	710.72	-307.66	-1.657e+04	-1.110e+04	1749.64
13	62	440.00	-1.228e+04	179.65	-468.19	2.625e+05	1.903e+04	-5254.22
13	62	492.58	-1.164e+04	280.68	-468.19	2.259e+05	1.716e+04	-3905.85
13	62	545.17	-1.131e+04	859.25	-257.87	2.322e+05	841.75	-1264.61
13	62	597.75	-1.002e+04	825.13	-136.41	1.731e+05	-1.080e+04	-937.43
13	62	650.33	-8635.18	783.52	-45.56	1.240e+05	-1.598e+04	-1007.26
13	62	702.92	-7112.99	731.75	89.01	7.152e+04	-1.552e+04	-313.86
13	62	755.50	-5385.44	680.39	289.08	9998.65	-5584.01	35.14
13	66	440.00	-1.396e+04	1732.01	-166.07	4.774e+05	4661.89	-2100.32
13	66	492.58	-1.332e+04	1833.04	-166.07	4.408e+05	2792.23	-1242.12
13	66	545.17	-1.285e+04	3184.77	-65.81	4.222e+05	-1146.65	1399.69

13	66	597.75	-1.124e+04	2969.58	-47.33	3.114e+05	-5413.04	2119.52
13	66	650.33	-9564.87	2721.39	-27.34	2.058e+05	-7863.21	2142.25
13	66	702.92	-7881.61	2476.80	5.08	9.703e+04	-8676.18	2265.15
13	66	755.50	-5977.85	2244.84	77.54	-2.196e+04	-7600.71	1696.05
13	79	440.00	-1.467e+04	-372.19	-37.55	1.219e+05	-3859.84	-657.07
13	79	492.58	-1.401e+04	-276.39	-37.55	8.795e+04	-6009.39	-949.19
13	79	545.17	-1.340e+04	98.44	33.11	1.125e+05	-3237.15	-902.41
13	79	597.75	-1.161e+04	104.15	0.73	8.235e+04	-3329.70	-174.13
13	79	650.33	-9788.42	105.93	-18.46	5.376e+04	-4374.45	126.02
13	79	702.92	-7932.94	105.90	-29.01	2.420e+04	-6065.08	148.06
13	79	755.50	-5995.54	101.24	-7.12	-3386.60	-8074.07	-99.61
13	82	440.00	-1.510e+04	-471.53	-27.95	1.594e+05	-6253.63	-1232.17
13	82	492.58	-1.452e+04	-354.69	-27.95	1.145e+05	-7722.76	-1387.79
13	82	545.17	-1.403e+04	103.89	43.87	1.443e+05	-4303.59	-1151.43
13	82	597.75	-1.244e+04	112.58	2.07	1.072e+05	-4393.57	-263.31
13	82	650.33	-1.079e+04	115.48	-22.87	7.136e+04	-5718.02	168.62
13	82	702.92	-9071.97	116.64	-36.61	3.417e+04	-7847.87	272.20
13	82	755.50	-7229.81	111.86	-10.91	-531.83	-1.033e+04	-43.54
13	85	440.00	-1.540e+04	-458.29	-35.46	1.548e+05	-5550.40	-1137.97
13	85	492.58	-1.478e+04	-343.06	-35.46	1.104e+05	-7551.97	-1398.87
13	85	545.17	-1.429e+04	102.24	39.73	1.422e+05	-4334.04	-1158.95
13	85	597.75	-1.266e+04	111.20	-1.02	1.064e+05	-4580.09	-242.97
13	85	650.33	-1.097e+04	114.40	-25.78	7.125e+04	-6051.43	220.98
13	85	702.92	-9220.97	116.03	-40.00	3.415e+04	-8365.62	346.64
13	85	755.50	-7349.78	110.88	-13.61	-780.20	-1.109e+04	2.97
13	86	440.00	-1.467e+04	-372.19	-37.55	1.219e+05	-3859.84	-657.07
13	86	492.58	-1.401e+04	-276.39	-37.55	8.795e+04	-6009.39	-949.19
13	86	545.17	-1.340e+04	98.44	33.11	1.125e+05	-3237.15	-902.41
13	86	597.75	-1.161e+04	104.15	0.73	8.235e+04	-3329.70	-174.13
13	86	650.33	-9788.42	105.93	-18.46	5.376e+04	-4374.45	126.02
13	86	702.92	-7932.94	105.90	-29.01	2.420e+04	-6065.08	148.06
13	86	755.50	-5995.54	101.24	-7.12	-3386.60	-8074.07	-99.61
13	87	440.00	-1.472e+04	-415.49	-30.97	1.381e+05	-5051.00	-914.49
13	87	492.58	-1.410e+04	-310.98	-30.97	9.972e+04	-6734.07	-1113.62
13	87	545.17	-1.354e+04	101.17	38.84	1.255e+05	-3635.61	-995.30
13	87	597.75	-1.184e+04	107.92	2.43	9.220e+04	-3667.14	-216.25
13	87	650.33	-1.010e+04	110.02	-19.04	6.057e+04	-4762.98	122.26
13	87	702.92	-8313.72	110.26	-30.63	2.804e+04	-6551.63	167.18
13	87	755.50	-6424.12	105.70	-7.54	-2193.08	-8649.65	-95.93
13	90	440.00	-1.483e+04	-403.27	-35.03	1.337e+05	-4579.12	-835.62
13	90	492.58	-1.419e+04	-300.79	-35.03	9.620e+04	-6549.80	-1091.74
13	90	545.17	-1.362e+04	100.08	36.27	1.226e+05	-3584.04	-983.44
13	90	597.75	-1.189e+04	106.77	0.93	9.031e+04	-3687.76	-201.38
13	90	650.33	-1.013e+04	108.93	-20.11	5.943e+04	-4834.18	143.81
13	90	702.92	-8312.40	109.32	-31.73	2.742e+04	-6680.88	193.90
13	90	755.50	-6403.53	104.60	-8.56	-2483.39	-8861.32	-77.92
13	91	440.00	-1.467e+04	-372.19	-37.55	1.219e+05	-3859.84	-657.07
13	91	492.58	-1.401e+04	-276.39	-37.55	8.795e+04	-6009.39	-949.19
13	91	545.17	-1.340e+04	98.44	33.11	1.125e+05	-3237.15	-902.41
13	91	597.75	-1.161e+04	104.15	0.73	8.235e+04	-3329.70	-174.13
13	91	650.33	-9788.42	105.93	-18.46	5.376e+04	-4374.45	126.02
13	91	702.92	-7932.94	105.90	-29.01	2.420e+04	-6065.08	148.06
13	91	755.50	-5995.54	101.24	-7.12	-3386.60	-8074.07	-99.61
13	92	440.00	-1.470e+04	-398.17	-33.60	1.316e+05	-4574.54	-811.52
13	92	492.58	-1.406e+04	-297.14	-33.60	9.502e+04	-6444.20	-1047.85
13	92	545.17	-1.348e+04	100.08	36.55	1.203e+05	-3476.23	-958.14
13	92	597.75	-1.175e+04	106.41	1.75	8.826e+04	-3532.16	-199.40
13	92	650.33	-9976.49	108.38	-18.81	5.784e+04	-4607.57	123.76
13	92	702.92	-8161.41	108.52	-29.99	2.650e+04	-6357.01	159.54
13	92	755.50	-6252.69	103.92	-7.38	-2670.49	-8419.42	-97.40
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-2.015e+04	-716.21	-479.59	-2.196e+04	-2.894e+04	-7049.64
			-5385.44	3184.77	402.51	4.774e+05	1.903e+04	4717.68

Macro	Tipo	Angolo 1-Z (gradi)
14	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
14	4	9.50	-3.788e+04	-579.84	-71.31	6.361e+05	8635.15	46.59
14	4	63.31	-3.770e+04	-648.51	-71.31	5.592e+05	3885.38	1046.56

14	4	117.12	-3.597e+04	-594.33	-64.90	3.917e+05	126.42	40.00
14	4	170.94	-3.394e+04	-506.70	-39.73	3.200e+05	-1959.63	-391.62
14	4	224.75	-3.182e+04	-452.20	-21.80	2.817e+05	-3125.62	-778.84
14	4	278.56	-2.965e+04	-450.76	-8.29	2.574e+05	-3680.15	-1231.98
14	4	332.38	-2.744e+04	-509.30	4.97	2.360e+05	-3778.19	-1401.80
14	4	386.19	-2.485e+04	-611.05	8.71	2.563e+05	-3701.68	-421.81
14	4	440.00	-2.138e+04	-670.14	27.68	3.604e+05	-1264.42	2262.65
14	5	9.50	-2.510e+04	7.44	-49.44	4.507e+05	5380.16	-274.57
14	5	63.31	-2.502e+04	-30.81	-49.44	4.291e+05	2003.92	512.64
14	5	117.12	-2.386e+04	-25.16	-42.05	3.108e+05	-407.79	-5.01
14	5	170.94	-2.250e+04	15.35	-22.92	2.529e+05	-1581.00	-236.49
14	5	224.75	-2.107e+04	42.41	-10.21	2.180e+05	-2117.15	-425.70
14	5	278.56	-1.960e+04	44.30	-1.32	1.949e+05	-2256.52	-608.89
14	5	332.38	-1.810e+04	17.60	6.77	1.784e+05	-2091.70	-583.30
14	5	386.19	-1.632e+04	-34.19	7.84	1.968e+05	-1792.29	107.12
14	5	440.00	-1.394e+04	-73.33	15.12	2.689e+05	-538.10	1443.86
14	11	9.50	-3.743e+04	-499.41	-71.45	6.160e+05	8494.10	-56.25
14	11	63.31	-3.727e+04	-564.32	-71.45	5.487e+05	3702.60	945.15
14	11	117.12	-3.560e+04	-523.55	-64.32	3.815e+05	-17.63	-6.51
14	11	170.94	-3.363e+04	-442.89	-38.68	3.092e+05	-2037.49	-424.80
14	11	224.75	-3.157e+04	-389.52	-20.91	2.708e+05	-3148.50	-801.67
14	11	278.56	-2.946e+04	-381.82	-8.13	2.472e+05	-3690.80	-1225.43
14	11	332.38	-2.730e+04	-425.90	3.96	2.275e+05	-3839.72	-1331.55
14	11	386.19	-2.478e+04	-509.97	6.40	2.510e+05	-3881.39	-248.96
14	11	440.00	-2.137e+04	-562.23	25.09	3.592e+05	-1659.77	2339.59
14	21	9.50	-2.630e+04	-1936.45	-2.34	4.570e+05	2881.04	-703.58
14	21	63.31	-2.620e+04	-1979.00	-2.34	4.243e+05	-568.40	222.26
14	21	117.12	-2.492e+04	-2059.31	-12.31	3.388e+05	-648.95	-553.64
14	21	170.94	-2.345e+04	-1971.38	0.15	3.384e+05	-633.36	-1189.53
14	21	224.75	-2.166e+04	-1837.76	-1.20	3.816e+05	-643.95	-2783.27
14	21	278.56	-2.017e+04	-1684.89	1.58	4.009e+05	69.87	-2725.77
14	21	332.38	-1.855e+04	-1487.71	-1.99	4.112e+05	101.25	-2758.17
14	21	386.19	-1.671e+04	-1348.26	-20.51	3.964e+05	-1149.13	-2238.74
14	21	440.00	-1.441e+04	-1398.43	-65.59	3.885e+05	-2735.89	-969.22
14	31	9.50	-2.219e+04	-415.55	25.25	3.816e+05	-448.69	-453.42
14	31	63.31	-2.209e+04	-458.10	25.25	3.488e+05	-3898.12	-563.80
14	31	117.12	-2.121e+04	-410.01	12.47	2.391e+05	-1666.18	-1921.91
14	31	170.94	-2.013e+04	-357.13	27.72	2.075e+05	-404.57	-1512.07
14	31	224.75	-1.906e+04	-351.13	32.17	2.047e+05	1330.57	-2973.17
14	31	278.56	-1.784e+04	-408.92	16.51	2.188e+05	2571.57	-1963.24
14	31	332.38	-1.655e+04	-420.79	-11.42	2.214e+05	2753.77	-1189.53
14	31	386.19	-1.500e+04	-519.53	-84.07	2.383e+05	338.22	-478.33
14	31	440.00	-1.273e+04	-518.03	-196.77	3.068e+05	-6620.63	1546.18
14	41	9.50	-2.287e+04	-1512.17	63.16	3.707e+05	-2022.79	-1043.46
14	41	63.31	-2.277e+04	-1554.72	63.16	3.380e+05	-5472.23	-884.11
14	41	117.12	-2.181e+04	-1771.34	37.08	2.514e+05	-1042.45	-2216.49
14	41	170.94	-2.066e+04	-1726.18	45.26	2.554e+05	1308.96	-2271.37
14	41	224.75	-1.937e+04	-1653.09	38.74	2.994e+05	2995.23	-4525.99
14	41	278.56	-1.813e+04	-1566.14	17.07	3.382e+05	4731.92	-3362.63
14	41	332.38	-1.675e+04	-1284.73	-17.17	3.545e+05	4809.44	-2737.49
14	41	386.19	-1.517e+04	-1301.51	-92.75	3.502e+05	1446.52	-1949.52
14	41	440.00	-1.297e+04	-1355.88	-246.83	3.669e+05	-7265.02	-477.18
14	42	9.50	-3.027e+04	353.26	-155.55	5.726e+05	1.314e+04	513.76
14	42	63.31	-3.017e+04	310.71	-155.55	5.399e+05	9693.64	2138.52
14	42	117.12	-2.859e+04	543.30	-120.59	4.008e+05	418.91	2313.12
14	42	170.94	-2.681e+04	621.60	-92.73	3.075e+05	-4382.36	1558.84
14	42	224.75	-2.489e+04	669.56	-65.74	2.316e+05	-7391.49	2869.31
14	42	278.56	-2.304e+04	666.78	-23.45	1.636e+05	-9330.84	1155.73
14	42	332.38	-2.123e+04	407.22	28.87	1.249e+05	-9227.33	343.58
14	42	386.19	-1.906e+04	424.16	109.92	1.465e+05	-5620.31	800.18
14	42	440.00	-1.640e+04	391.66	278.96	2.344e+05	6016.85	2247.12
14	53	9.50	-2.633e+04	-2427.73	10.79	4.548e+05	2111.27	-846.48
14	53	63.31	-2.623e+04	-2470.28	10.79	4.221e+05	-1338.16	117.87
14	53	117.12	-2.492e+04	-2576.89	-3.68	3.462e+05	-752.59	-707.47
14	53	170.94	-2.345e+04	-2478.29	6.97	3.611e+05	-380.14	-1444.05
14	53	224.75	-2.158e+04	-2316.91	1.74	4.250e+05	-221.22	-3409.57
14	53	278.56	-2.010e+04	-2122.86	2.72	4.556e+05	742.02	-3272.65
14	53	332.38	-1.846e+04	-1863.19	-4.21	4.732e+05	750.32	-3304.92
14	53	386.19	-1.662e+04	-1669.39	-28.24	4.499e+05	-907.82	-2830.29
14	53	440.00	-1.436e+04	-1721.79	-88.03	4.200e+05	-3320.59	-1634.46
14	63	9.50	-2.110e+04	-496.09	45.91	3.591e+05	-2120.52	-529.00
14	63	63.31	-2.100e+04	-538.64	45.91	3.264e+05	-5569.96	-879.85
14	63	117.12	-2.022e+04	-482.12	27.85	2.197e+05	-2043.96	-2444.43
14	63	170.94	-1.922e+04	-428.01	42.02	1.950e+05	-87.05	-1854.58
14	63	224.75	-1.827e+04	-428.72	44.13	2.006e+05	2289.96	-3650.97
14	63	278.56	-1.714e+04	-502.21	21.67	2.245e+05	3923.04	-2304.81
14	63	332.38	-1.591e+04	-508.07	-16.22	2.324e+05	4122.44	-1314.85

14	63	386.19	-1.445e+04	-616.79	-109.00	2.492e+05	981.82	-597.10
14	63	440.00	-1.223e+04	-603.54	-254.66	3.164e+05	-8255.64	1556.74
14	73	9.50	-2.197e+04	-1888.90	94.17	3.452e+05	-4121.32	-1277.96
14	73	63.31	-2.187e+04	-1931.45	94.17	3.125e+05	-7570.75	-1285.39
14	73	117.12	-2.098e+04	-2211.21	59.16	2.352e+05	-1249.16	-2815.92
14	73	170.94	-1.991e+04	-2166.93	64.34	2.559e+05	2098.63	-2816.17
14	73	224.75	-1.867e+04	-2082.42	52.49	3.208e+05	4413.98	-5623.83
14	73	278.56	-1.750e+04	-1972.09	22.38	3.760e+05	6674.87	-4080.21
14	73	332.38	-1.617e+04	-1605.39	-23.56	4.012e+05	6739.43	-3277.40
14	73	386.19	-1.467e+04	-1610.01	-120.07	3.912e+05	2394.10	-2460.86
14	73	440.00	-1.253e+04	-1667.75	-318.37	3.925e+05	-9075.07	-1006.88
14	74	9.50	-3.137e+04	480.59	-184.05	6.017e+05	1.515e+04	700.43
14	74	63.31	-3.127e+04	438.04	-184.05	5.690e+05	1.170e+04	2550.34
14	74	117.12	-2.959e+04	728.91	-141.36	4.250e+05	598.17	2929.69
14	74	170.94	-2.772e+04	815.30	-111.09	3.220e+05	-5161.27	2043.59
14	74	224.75	-2.567e+04	867.89	-80.27	2.347e+05	-8812.16	3771.36
14	74	278.56	-2.374e+04	864.26	-29.06	1.544e+05	-1.121e+04	1654.67
14	74	332.38	-2.186e+04	543.75	35.05	1.098e+05	-1.111e+04	629.78
14	74	386.19	-1.961e+04	581.96	137.55	1.327e+05	-6596.22	1022.64
14	74	440.00	-1.690e+04	552.01	349.87	2.245e+05	7799.41	2442.98
14	79	9.50	-2.545e+04	-26.88	-50.11	4.560e+05	5502.53	-244.02
14	79	63.31	-2.537e+04	-66.37	-50.11	4.311e+05	2088.95	543.15
14	79	117.12	-2.419e+04	-57.59	-42.88	3.117e+05	-371.55	3.98
14	79	170.94	-2.281e+04	-14.90	-23.68	2.537e+05	-1586.69	-238.10
14	79	224.75	-2.136e+04	13.11	-10.82	2.191e+05	-2156.50	-439.71
14	79	278.56	-1.987e+04	14.37	-1.74	1.961e+05	-2320.13	-641.36
14	79	332.38	-1.835e+04	-14.69	6.63	1.794e+05	-2171.42	-634.10
14	79	386.19	-1.655e+04	-69.59	7.94	1.973e+05	-1883.32	56.87
14	79	440.00	-1.415e+04	-109.52	15.91	2.701e+05	-551.54	1464.19
14	82	9.50	-2.841e+04	-367.27	-53.77	4.814e+05	6408.86	-21.84
14	82	63.31	-2.829e+04	-417.48	-53.77	4.290e+05	2812.09	749.79
14	82	117.12	-2.698e+04	-382.27	-48.43	3.021e+05	10.58	21.21
14	82	170.94	-2.546e+04	-319.62	-29.14	2.466e+05	-1514.19	-291.75
14	82	224.75	-2.386e+04	-280.19	-15.57	2.163e+05	-2345.05	-568.52
14	82	278.56	-2.223e+04	-278.64	-5.48	1.969e+05	-2720.38	-885.19
14	82	332.38	-2.057e+04	-319.96	4.29	1.806e+05	-2755.17	-985.21
14	82	386.19	-1.862e+04	-393.05	6.80	1.968e+05	-2658.21	-240.13
14	82	440.00	-1.600e+04	-437.23	20.05	2.755e+05	-907.53	1690.11
14	85	9.50	-2.811e+04	-313.64	-53.86	4.680e+05	6314.82	-90.40
14	85	63.31	-2.800e+04	-361.35	-53.86	4.219e+05	2690.24	682.18
14	85	117.12	-2.674e+04	-335.09	-48.04	2.953e+05	-85.45	-9.80
14	85	170.94	-2.525e+04	-277.08	-28.44	2.394e+05	-1566.10	-313.87
14	85	224.75	-2.370e+04	-238.40	-14.97	2.090e+05	-2360.30	-583.74
14	85	278.56	-2.211e+04	-232.68	-5.37	1.901e+05	-2727.48	-880.82
14	85	332.38	-2.048e+04	-264.36	3.62	1.750e+05	-2796.19	-938.37
14	85	386.19	-1.857e+04	-325.66	5.26	1.933e+05	-2778.02	-124.89
14	85	440.00	-1.599e+04	-365.30	18.32	2.747e+05	-1171.09	1741.40
14	86	9.50	-2.545e+04	-26.88	-50.11	4.560e+05	5502.53	-244.02
14	86	63.31	-2.537e+04	-66.37	-50.11	4.311e+05	2088.95	543.15
14	86	117.12	-2.419e+04	-57.59	-42.88	3.117e+05	-371.55	3.98
14	86	170.94	-2.281e+04	-14.90	-23.68	2.537e+05	-1586.69	-238.10
14	86	224.75	-2.136e+04	13.11	-10.82	2.191e+05	-2156.50	-439.71
14	86	278.56	-1.987e+04	14.37	-1.74	1.961e+05	-2320.13	-641.36
14	86	332.38	-1.835e+04	-14.69	6.63	1.794e+05	-2171.42	-634.10
14	86	386.19	-1.655e+04	-69.59	7.94	1.973e+05	-1883.32	56.87
14	86	440.00	-1.415e+04	-109.52	15.91	2.701e+05	-551.54	1464.19
14	87	9.50	-2.671e+04	-178.42	-51.48	4.709e+05	5887.29	-132.20
14	87	63.31	-2.660e+04	-223.00	-51.48	4.330e+05	2413.95	648.63
14	87	117.12	-2.536e+04	-200.62	-45.16	3.106e+05	-187.64	22.53
14	87	170.94	-2.390e+04	-148.46	-26.05	2.538e+05	-1538.84	-250.23
14	87	224.75	-2.239e+04	-115.77	-12.87	2.208e+05	-2223.15	-483.40
14	87	278.56	-2.083e+04	-116.00	-3.22	1.990e+05	-2471.34	-736.82
14	87	332.38	-1.924e+04	-153.49	5.99	1.820e+05	-2380.16	-787.16
14	87	386.19	-1.736e+04	-219.91	8.09	1.985e+05	-2135.28	-101.68
14	87	440.00	-1.487e+04	-263.23	18.17	2.725e+05	-587.08	1531.36
14	90	9.50	-2.639e+04	-132.72	-51.30	4.632e+05	5788.11	-177.51
14	90	63.31	-2.629e+04	-175.49	-51.30	4.299e+05	2313.21	604.71
14	90	117.12	-2.507e+04	-158.86	-44.64	3.081e+05	-255.48	7.16
14	90	170.94	-2.365e+04	-110.08	-25.39	2.509e+05	-1567.26	-257.14
14	90	224.75	-2.216e+04	-78.43	-12.31	2.176e+05	-2218.59	-482.50
14	90	278.56	-2.063e+04	-76.76	-2.94	1.958e+05	-2449.98	-719.80
14	90	332.38	-1.906e+04	-109.04	5.82	1.793e+05	-2363.17	-743.93
14	90	386.19	-1.721e+04	-168.91	7.45	1.969e+05	-2142.89	-30.22
14	90	440.00	-1.475e+04	-209.86	17.12	2.718e+05	-686.82	1541.13
14	91	9.50	-2.545e+04	-26.88	-50.11	4.560e+05	5502.53	-244.02
14	91	63.31	-2.537e+04	-66.37	-50.11	4.311e+05	2088.95	543.15
14	91	117.12	-2.419e+04	-57.59	-42.88	3.117e+05	-371.55	3.98

14	91	170.94	-2.281e+04	-14.90	-23.68	2.537e+05	-1586.69	-238.10
14	91	224.75	-2.136e+04	13.11	-10.82	2.191e+05	-2156.50	-439.71
14	91	278.56	-1.987e+04	14.37	-1.74	1.961e+05	-2320.13	-641.36
14	91	332.38	-1.835e+04	-14.69	6.63	1.794e+05	-2171.42	-634.10
14	91	386.19	-1.655e+04	-69.59	7.94	1.973e+05	-1883.32	56.87
14	91	440.00	-1.415e+04	-109.52	15.91	2.701e+05	-551.54	1464.19
14	92	9.50	-2.621e+04	-117.80	-50.93	4.649e+05	5733.38	-176.93
14	92	63.31	-2.611e+04	-160.35	-50.93	4.322e+05	2283.95	606.44
14	92	117.12	-2.489e+04	-143.41	-44.25	3.110e+05	-261.21	15.11
14	92	170.94	-2.347e+04	-95.04	-25.10	2.537e+05	-1557.98	-245.38
14	92	224.75	-2.198e+04	-64.22	-12.05	2.201e+05	-2196.49	-465.92
14	92	278.56	-2.045e+04	-63.85	-2.63	1.978e+05	-2410.85	-698.64
14	92	332.38	-1.888e+04	-97.97	6.25	1.810e+05	-2296.66	-725.94
14	92	386.19	-1.704e+04	-159.78	8.03	1.980e+05	-2034.49	-38.26
14	92	440.00	-1.458e+04	-201.75	17.27	2.715e+05	-572.86	1504.49

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-3.788e+04	-2576.89	-318.37	1.098e+05	-1.121e+04	-5623.83
	-1.223e+04	867.89	349.87	6.361e+05	1.515e+04	3771.36

Macro	Tipo	Angolo 1-Z (gradi)
15	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
15	5	755.50	-3700.80	12.64	-118.53	-2.532e+04	5530.19	-42.72
15	5	805.50	-3816.08	36.51	-118.53	-2.222e+04	-1268.29	161.58
15	5	855.50	-3212.25	11.19	-45.86	7.472e+04	-5070.64	202.24
15	5	905.50	-2116.45	214.03	84.81	-1.005e+04	79.17	-396.63
15	11	755.50	-6788.18	11.75	-286.30	-4.199e+04	1.504e+04	3.79
15	11	805.50	-6881.06	61.01	-286.30	-3.616e+04	-862.22	622.41
15	11	855.50	-5971.88	9.37	-4.35	1.397e+05	-1.131e+04	-242.89
15	11	905.50	-4336.18	323.30	289.61	-2.036e+04	-8663.62	-512.93
15	20	755.50	-4054.13	866.01	-165.24	4716.50	8238.87	401.23
15	20	805.50	-4156.81	891.67	-165.24	7917.13	766.48	973.72
15	20	855.50	-3475.58	729.36	-73.32	6.034e+04	-5226.24	-1627.78
15	20	905.50	-2207.84	858.97	101.43	-8.742e+04	-1304.85	-1806.13
15	27	755.50	-3768.08	715.70	-104.46	-6113.78	4809.81	51.52
15	27	805.50	-3870.76	741.36	-104.46	-2913.14	-2662.57	284.84
15	27	855.50	-3326.19	623.02	-12.56	5.975e+04	-5559.20	-1153.97
15	27	905.50	-2237.77	797.52	86.44	-7.973e+04	-563.37	-2306.17
15	34	755.50	-4438.66	-249.74	-231.20	-4.542e+04	1.188e+04	47.18
15	34	805.50	-4541.33	-224.08	-231.20	-4.222e+04	4409.61	394.10
15	34	855.50	-3643.10	-239.01	-143.02	7.793e+04	-5043.76	1051.53
15	34	905.50	-2262.95	-49.77	134.61	4000.56	-2097.87	154.70
15	52	755.50	-4086.60	1096.95	-174.31	1.314e+04	8755.16	521.29
15	52	805.50	-4189.28	1122.61	-174.31	1.634e+04	1282.77	1181.78
15	52	855.50	-3493.58	923.74	-82.16	5.536e+04	-5138.08	-2108.30
15	52	905.50	-2188.18	1032.05	100.86	-1.081e+05	-1433.23	-2186.99
15	59	755.50	-3722.69	906.70	-97.03	-604.10	4396.71	77.60
15	59	805.50	-3825.37	932.37	-97.03	2596.53	-3075.68	307.15
15	59	855.50	-3303.38	789.54	-4.89	5.460e+04	-5561.06	-1510.11
15	59	905.50	-2226.31	954.86	81.79	-9.843e+04	-490.02	-2826.28
15	66	755.50	-4575.18	-320.58	-258.25	-5.078e+04	1.339e+04	70.75
15	66	805.50	-4677.86	-294.92	-258.25	-4.758e+04	5919.58	445.00
15	66	855.50	-3706.74	-306.62	-170.89	7.744e+04	-4905.10	1299.30
15	66	905.50	-2258.05	-122.73	143.12	7993.24	-2441.65	302.61
15	79	755.50	-3781.72	12.36	-123.25	-2.558e+04	5814.24	-38.79
15	79	805.50	-3892.89	36.88	-123.25	-2.245e+04	-1230.89	176.96
15	79	855.50	-3281.43	10.79	-43.87	7.637e+04	-5244.89	182.92
15	79	905.50	-2175.26	215.55	91.48	-1.032e+04	-247.14	-396.62
15	85	755.50	-4975.74	9.67	-204.15	-3.123e+04	1.062e+04	-5.27
15	85	805.50	-5055.22	45.34	-204.15	-2.694e+04	-763.86	428.28
15	85	855.50	-4372.66	7.96	-10.07	1.022e+05	-8122.11	-124.66
15	85	905.50	-3141.61	243.26	200.82	-1.477e+04	-5591.16	-394.84
15	86	755.50	-3781.72	12.36	-123.25	-2.558e+04	5814.24	-38.79
15	86	805.50	-3892.89	36.88	-123.25	-2.245e+04	-1230.89	176.96
15	86	855.50	-3281.43	10.79	-43.87	7.637e+04	-5244.89	182.92
15	86	905.50	-2175.26	215.55	91.48	-1.032e+04	-247.14	-396.62
15	88	755.50	-3949.04	12.14	-135.57	-2.656e+04	6538.13	-30.48
15	88	805.50	-4057.84	38.36	-135.57	-2.324e+04	-1174.41	214.23
15	88	855.50	-3440.46	10.70	-38.71	8.009e+04	-5676.32	137.57

15	88	905.50	-2319.51	219.94	107.81	-1.100e+04	-1043.54	-396.98
15	90	755.50	-4102.22	11.46	-143.84	-2.688e+04	7044.50	-33.92
15	90	805.50	-4202.53	38.82	-143.84	-2.348e+04	-1095.29	242.08
15	90	855.50	-3567.35	9.68	-35.29	8.320e+04	-5984.91	102.93
15	90	905.50	-2424.55	222.41	119.69	-1.145e+04	-1627.26	-395.44
15	91	755.50	-3781.72	12.36	-123.25	-2.558e+04	5814.24	-38.79
15	91	805.50	-3892.89	36.88	-123.25	-2.245e+04	-1230.89	176.96
15	91	855.50	-3281.43	10.79	-43.87	7.637e+04	-5244.89	182.92
15	91	905.50	-2175.26	215.55	91.48	-1.032e+04	-247.14	-396.62
15	92	755.50	-3934.90	11.69	-131.52	-2.590e+04	6320.62	-42.22
15	92	805.50	-4037.58	37.35	-131.52	-2.269e+04	-1151.77	204.82
15	92	855.50	-3408.33	9.77	-40.45	7.948e+04	-5553.47	148.29
15	92	905.50	-2280.29	218.02	103.36	-1.078e+04	-830.86	-395.08

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-6881.06	-320.58	-286.30	-1.081e+05	-1.131e+04	-2826.28
	-2116.45	1122.61	289.61	1.397e+05	1.504e+04	1299.30

Macro	Tipo	Angolo 1-Z (gradi)
16	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
16	4	9.50	-2.265e+04	-412.80	8.59	-1.553e+05	2.572e+04	-5983.51
16	4	63.31	-2.307e+04	-467.48	8.59	-1.022e+05	2.414e+04	-717.36
16	4	117.12	-2.076e+04	-456.48	-58.93	-6.595e+04	2.044e+04	1693.53
16	4	170.94	-1.840e+04	-442.98	-79.99	-5.220e+04	1.595e+04	2847.90
16	4	224.75	-1.599e+04	-435.84	-92.59	-5.221e+04	1.090e+04	2988.47
16	4	278.56	-1.354e+04	-431.11	-104.94	-5.863e+04	5159.04	2263.15
16	4	332.38	-1.103e+04	-421.55	-94.18	-6.092e+04	-356.66	683.39
16	4	386.19	-8206.61	-413.22	-10.67	-4.873e+04	-637.48	-738.90
16	4	440.00	-4501.04	-381.95	5.15	-6.614e+04	242.45	-563.16
16	5	9.50	-1.560e+04	-298.68	-21.56	-1.044e+05	2.409e+04	-3849.99
16	5	63.31	-1.597e+04	-334.06	-21.56	-6.824e+04	2.108e+04	-525.62
16	5	117.12	-1.428e+04	-325.84	-79.13	-4.282e+04	1.629e+04	1138.70
16	5	170.94	-1.256e+04	-316.21	-93.57	-3.267e+04	1.102e+04	1933.65
16	5	224.75	-1.081e+04	-311.13	-98.17	-3.179e+04	5620.16	2059.46
16	5	278.56	-9012.25	-307.70	-97.71	-3.484e+04	244.26	1619.48
16	5	332.38	-7131.70	-301.41	-69.51	-3.431e+04	-3811.22	615.89
16	5	386.19	-4984.90	-296.12	9.76	-2.237e+04	-2859.72	-333.76
16	5	440.00	-2392.45	-208.30	35.05	-2.379e+04	-53.10	-264.49
16	11	9.50	-2.313e+04	-431.10	11.25	-1.624e+05	2.636e+04	-5902.55
16	11	63.31	-2.355e+04	-482.45	11.25	-1.077e+05	2.488e+04	-649.76
16	11	117.12	-2.124e+04	-469.60	-58.39	-7.066e+04	2.122e+04	1784.52
16	11	170.94	-1.887e+04	-455.57	-80.33	-5.671e+04	1.673e+04	2925.65
16	11	224.75	-1.646e+04	-448.26	-93.10	-5.689e+04	1.167e+04	3035.31
16	11	278.56	-1.402e+04	-443.11	-106.14	-6.372e+04	5896.62	2264.27
16	11	332.38	-1.151e+04	-432.52	-97.38	-6.663e+04	221.58	628.20
16	11	386.19	-8709.18	-423.23	-13.62	-5.542e+04	-224.93	-831.02
16	11	440.00	-4899.29	-422.01	-0.92	-7.721e+04	298.62	-630.85
16	15	9.50	-1.780e+04	-1417.51	267.46	-2.282e+05	959.91	-4760.66
16	15	63.31	-1.816e+04	-1455.15	267.46	-1.911e+05	-1645.36	-1111.91
16	15	117.12	-1.612e+04	-1407.42	181.22	-1.420e+05	7100.45	2239.92
16	15	170.94	-1.399e+04	-1417.61	115.57	-1.173e+05	1.660e+04	2767.47
16	15	224.75	-1.173e+04	-1357.62	53.06	-9.881e+04	1.933e+04	2305.25
16	15	278.56	-9561.65	-1289.43	-11.76	-9.713e+04	1.993e+04	1676.20
16	15	332.38	-7451.83	-1208.11	-98.12	-9.300e+04	1.731e+04	-336.01
16	15	386.19	-5185.98	-1125.35	-143.97	-6.344e+04	1.365e+04	-1686.53
16	15	440.00	-2526.17	-597.43	-210.57	-4.553e+04	5824.53	-1753.44
16	24	9.50	-1.764e+04	468.09	274.55	-1.261e+04	-1021.69	-3431.22
16	24	63.31	-1.800e+04	430.45	274.55	2.443e+04	-3626.96	280.91
16	24	117.12	-1.598e+04	413.35	180.68	4.100e+04	6433.78	2034.02
16	24	170.94	-1.386e+04	366.67	122.92	3.951e+04	1.605e+04	2978.56
16	24	224.75	-1.164e+04	337.01	61.46	1.856e+04	1.925e+04	2731.48
16	24	278.56	-9503.93	299.72	-11.53	7921.10	1.995e+04	2796.75
16	24	332.38	-7399.22	260.82	-98.84	-1107.58	1.739e+04	1627.18
16	24	386.19	-5134.63	245.23	-145.18	-892.50	1.376e+04	863.35
16	24	440.00	-2500.43	80.17	-215.19	-2.174e+04	5850.18	762.47
16	31	9.50	-1.669e+04	-2773.93	51.16	-4.048e+05	1.956e+04	-6991.93
16	31	63.31	-1.705e+04	-2811.57	51.16	-3.678e+05	1.696e+04	-3445.45
16	31	117.12	-1.523e+04	-2702.29	3.04	-2.894e+05	1.426e+04	319.68
16	31	170.94	-1.336e+04	-2608.66	-37.45	-2.360e+05	1.365e+04	704.03

16	31	224.75	-1.137e+04	-2486.20	-61.48	-2.009e+05	1.007e+04	317.49
16	31	278.56	-9437.06	-2342.35	-69.32	-1.727e+05	6484.72	-177.52
16	31	332.38	-7465.26	-2173.81	-77.10	-1.427e+05	2783.15	-2261.46
16	31	386.19	-5262.19	-2001.63	-35.15	-9.135e+04	2216.37	-4103.31
16	31	440.00	-2587.98	-1050.02	-36.16	-5.339e+04	1658.12	-3925.49
16	43	9.50	-1.662e+04	-2097.51	44.44	-3.661e+05	1.995e+04	-8547.08
16	43	63.31	-1.699e+04	-2135.16	44.44	-3.291e+05	1.734e+04	-5645.94
16	43	117.12	-1.517e+04	-2063.93	-2.65	-2.583e+05	1.512e+04	-3990.96
16	43	170.94	-1.325e+04	-2002.86	-42.96	-2.138e+05	1.389e+04	-3416.65
16	43	224.75	-1.133e+04	-1929.99	-63.80	-1.798e+05	1.065e+04	-2086.66
16	43	278.56	-9414.52	-1842.22	-85.22	-1.490e+05	6452.98	-1509.55
16	43	332.38	-7449.73	-1737.43	-87.69	-1.188e+05	2813.04	-2639.82
16	43	386.19	-5228.85	-1625.32	-36.24	-7.590e+04	2252.96	-3969.58
16	43	440.00	-2569.31	-881.62	-37.66	-4.859e+04	1654.09	-3670.78
16	47	9.50	-1.829e+04	-1719.36	343.78	-2.610e+05	-4981.34	-4953.73
16	47	63.31	-1.866e+04	-1757.00	343.78	-2.239e+05	-7586.61	-1265.71
16	47	117.12	-1.653e+04	-1698.52	249.36	-1.685e+05	4690.35	2531.08
16	47	170.94	-1.429e+04	-1714.09	169.96	-1.398e+05	1.805e+04	2979.88
16	47	224.75	-1.191e+04	-1639.28	92.14	-1.166e+05	2.289e+04	2358.41
16	47	278.56	-9639.57	-1553.59	10.31	-1.135e+05	2.504e+04	1683.96
16	47	332.38	-7471.62	-1452.02	-105.77	-1.083e+05	2.281e+04	-589.13
16	47	386.19	-5175.64	-1348.37	-184.47	-7.383e+04	1.797e+04	-2039.76
16	47	440.00	-2509.89	-698.59	-275.14	-5.011e+04	7398.32	-2146.47
16	56	9.50	-1.809e+04	675.78	352.97	1.286e+04	-7504.37	-3264.16
16	56	63.31	-1.845e+04	638.14	352.97	4.990e+04	-1.011e+04	503.73
16	56	117.12	-1.635e+04	614.27	248.80	6.396e+04	3843.33	2269.19
16	56	170.94	-1.412e+04	552.38	179.38	5.930e+04	1.736e+04	3247.37
16	56	224.75	-1.178e+04	513.31	102.86	3.253e+04	2.279e+04	2899.27
16	56	278.56	-9566.23	465.01	10.61	1.994e+04	2.507e+04	3107.33
16	56	332.38	-7404.80	413.87	-106.74	8444.62	2.292e+04	1904.44
16	56	386.19	-5110.42	392.60	-186.12	5613.25	1.812e+04	1198.81
16	56	440.00	-2477.19	162.11	-281.15	-1.989e+04	7433.47	1048.88
16	63	9.50	-1.689e+04	-3442.35	69.09	-4.853e+05	1.865e+04	-7787.41
16	63	63.31	-1.725e+04	-3479.99	69.09	-4.483e+05	1.604e+04	-4229.70
16	63	117.12	-1.540e+04	-3343.33	23.08	-3.558e+05	1.379e+04	91.96
16	63	170.94	-1.349e+04	-3227.02	-24.38	-2.906e+05	1.431e+04	359.06
16	63	224.75	-1.145e+04	-3072.87	-53.32	-2.463e+05	1.113e+04	-166.46
16	63	278.56	-9481.30	-2891.06	-62.80	-2.095e+05	7964.11	-670.79
16	63	332.38	-7488.67	-2678.70	-79.10	-1.714e+05	4363.09	-3035.32
16	63	386.19	-5272.45	-2461.45	-46.27	-1.093e+05	3452.06	-5110.30
16	63	440.00	-2588.40	-1273.50	-53.64	-6.009e+04	2106.66	-4906.31
16	75	9.50	-1.680e+04	-2583.15	60.63	-4.362e+05	1.913e+04	-9762.69
16	75	63.31	-1.717e+04	-2620.79	60.63	-3.992e+05	1.653e+04	-7024.45
16	75	117.12	-1.532e+04	-2532.46	15.89	-3.162e+05	1.488e+04	-5383.17
16	75	170.94	-1.336e+04	-2457.50	-31.35	-2.624e+05	1.463e+04	-4875.29
16	75	224.75	-1.139e+04	-2366.33	-56.27	-2.195e+05	1.187e+04	-3220.38
16	75	278.56	-9452.67	-2255.78	-83.00	-1.795e+05	7926.67	-2362.78
16	75	332.38	-7468.95	-2124.38	-92.57	-1.411e+05	4403.70	-3516.40
16	75	386.19	-5230.10	-1983.44	-47.70	-8.966e+04	3500.46	-4941.48
16	75	440.00	-2564.69	-1059.59	-55.58	-5.399e+04	2102.31	-4584.07
16	79	9.50	-1.570e+04	-299.90	-20.04	-1.052e+05	2.382e+04	-3907.17
16	79	63.31	-1.607e+04	-335.92	-20.04	-6.879e+04	2.091e+04	-532.21
16	79	117.12	-1.438e+04	-327.79	-77.19	-4.326e+04	1.623e+04	1144.30
16	79	170.94	-1.265e+04	-318.14	-91.66	-3.310e+04	1.107e+04	1946.33
16	79	224.75	-1.089e+04	-313.04	-96.55	-3.228e+04	5759.84	2072.24
16	79	278.56	-9093.87	-309.61	-96.67	-3.545e+04	441.65	1625.97
16	79	332.38	-7211.20	-303.28	-69.56	-3.507e+04	-3619.57	610.14
16	79	386.19	-5063.99	-297.94	8.97	-2.329e+04	-2721.64	-348.17
16	79	440.00	-2456.33	-214.19	33.26	-2.548e+04	-36.46	-275.37
16	82	9.50	-1.712e+04	-314.38	2.05	-1.171e+05	2.050e+04	-4471.85
16	82	63.31	-1.746e+04	-355.21	2.05	-7.694e+04	1.899e+04	-544.80
16	82	117.12	-1.569e+04	-346.73	-50.87	-4.945e+04	1.583e+04	1277.86
16	82	170.94	-1.389e+04	-336.45	-66.82	-3.893e+04	1.208e+04	2149.66
16	82	224.75	-1.206e+04	-331.02	-75.68	-3.879e+04	7939.46	2260.09
16	82	278.56	-1.019e+04	-327.41	-83.54	-4.340e+04	3366.65	1721.24
16	82	332.38	-8259.20	-320.22	-72.03	-4.479e+04	-848.15	540.77
16	82	386.19	-6093.54	-313.99	-5.39	-3.498e+04	-879.93	-529.41
16	82	440.00	-3285.62	-279.27	9.06	-4.636e+04	145.68	-404.90
16	85	9.50	-1.745e+04	-326.58	3.82	-1.218e+05	2.092e+04	-4417.87
16	85	63.31	-1.778e+04	-365.18	3.82	-8.062e+04	1.948e+04	-499.74
16	85	117.12	-1.601e+04	-355.47	-50.51	-5.259e+04	1.635e+04	1338.52
16	85	170.94	-1.421e+04	-344.85	-67.05	-4.194e+04	1.260e+04	2201.49
16	85	224.75	-1.237e+04	-339.31	-76.02	-4.190e+04	8454.81	2291.32
16	85	278.56	-1.050e+04	-335.42	-84.34	-4.680e+04	3858.38	1721.98
16	85	332.38	-8581.63	-327.53	-74.16	-4.859e+04	-462.65	503.98
16	85	386.19	-6428.59	-320.66	-7.36	-3.944e+04	-604.89	-590.83
16	85	440.00	-3551.12	-305.97	5.02	-5.374e+04	183.13	-450.02

16	86	9.50	-1.570e+04	-299.90	-20.04	-1.052e+05	2.382e+04	-3907.17
16	86	63.31	-1.607e+04	-335.92	-20.04	-6.879e+04	2.091e+04	-532.21
16	86	117.12	-1.438e+04	-327.79	-77.19	-4.326e+04	1.623e+04	1144.30
16	86	170.94	-1.265e+04	-318.14	-91.66	-3.310e+04	1.107e+04	1946.33
16	86	224.75	-1.089e+04	-313.04	-96.55	-3.228e+04	5759.84	2072.24
16	86	278.56	-9093.87	-309.61	-96.67	-3.545e+04	441.65	1625.97
16	86	332.38	-7211.20	-303.28	-69.56	-3.507e+04	-3619.57	610.14
16	86	386.19	-5063.99	-297.94	8.97	-2.329e+04	-2721.64	-348.17
16	86	440.00	-2456.33	-214.19	33.26	-2.548e+04	-36.46	-275.37
16	87	9.50	-1.612e+04	-300.78	-12.23	-1.080e+05	2.238e+04	-4145.11
16	87	63.31	-1.648e+04	-339.50	-12.23	-7.051e+04	1.998e+04	-554.39
16	87	117.12	-1.476e+04	-331.71	-67.20	-4.443e+04	1.588e+04	1172.34
16	87	170.94	-1.301e+04	-321.95	-82.02	-3.418e+04	1.126e+04	2004.60
16	87	224.75	-1.122e+04	-316.77	-88.39	-3.358e+04	6399.95	2132.48
16	87	278.56	-9393.14	-313.38	-91.31	-3.721e+04	1377.53	1662.32
16	87	332.38	-7490.27	-306.98	-69.69	-3.734e+04	-2701.91	597.61
16	87	386.19	-5331.11	-301.55	4.21	-2.607e+04	-2119.07	-394.26
16	87	440.00	-2673.17	-228.95	25.51	-3.067e+04	19.19	-307.83
16	90	9.50	-1.619e+04	-305.51	-12.77	-1.094e+05	2.278e+04	-4085.45
16	90	63.31	-1.655e+04	-342.92	-12.77	-7.170e+04	2.033e+04	-532.81
16	90	117.12	-1.483e+04	-334.58	-68.66	-4.550e+04	1.614e+04	1192.12
16	90	170.94	-1.308e+04	-324.70	-83.65	-3.521e+04	1.144e+04	2016.01
16	90	224.75	-1.129e+04	-319.49	-89.83	-3.462e+04	6503.67	2135.33
16	90	278.56	-9471.16	-315.98	-92.49	-3.828e+04	1424.98	1656.80
16	90	332.38	-7574.59	-309.32	-70.53	-3.850e+04	-2694.53	584.90
16	90	386.19	-5422.39	-303.64	4.18	-2.741e+04	-2105.47	-411.45
16	90	440.00	-2744.68	-237.27	25.13	-3.279e+04	25.27	-320.69
16	91	9.50	-1.570e+04	-299.90	-20.04	-1.052e+05	2.382e+04	-3907.17
16	91	63.31	-1.607e+04	-335.92	-20.04	-6.879e+04	2.091e+04	-532.21
16	91	117.12	-1.438e+04	-327.79	-77.19	-4.326e+04	1.623e+04	1144.30
16	91	170.94	-1.265e+04	-318.14	-91.66	-3.310e+04	1.107e+04	1946.33
16	91	224.75	-1.089e+04	-313.04	-96.55	-3.228e+04	5759.84	2072.24
16	91	278.56	-9093.87	-309.61	-96.67	-3.545e+04	441.65	1625.97
16	91	332.38	-7211.20	-303.28	-69.56	-3.507e+04	-3619.57	610.14
16	91	386.19	-5063.99	-297.94	8.97	-2.329e+04	-2721.64	-348.17
16	91	440.00	-2456.33	-214.19	33.26	-2.548e+04	-36.46	-275.37
16	92	9.50	-1.596e+04	-300.42	-15.35	-1.069e+05	2.296e+04	-4049.93
16	92	63.31	-1.632e+04	-338.07	-15.35	-6.982e+04	2.035e+04	-545.52
16	92	117.12	-1.461e+04	-330.14	-71.20	-4.396e+04	1.602e+04	1161.13
16	92	170.94	-1.287e+04	-320.43	-85.88	-3.375e+04	1.119e+04	1981.29
16	92	224.75	-1.109e+04	-315.28	-91.66	-3.306e+04	6143.91	2108.39
16	92	278.56	-9273.43	-311.87	-93.45	-3.651e+04	1003.18	1647.78
16	92	332.38	-7378.64	-305.50	-69.64	-3.643e+04	-3068.97	602.63
16	92	386.19	-5224.26	-300.10	6.11	-2.496e+04	-2360.10	-375.83
16	92	440.00	-2586.43	-223.04	28.61	-2.860e+04	-3.07	-294.85

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.355e+04	-3479.99	-281.15	-4.853e+05	-1.011e+04	-9762.69
	-2392.45	675.78	352.97	6.396e+04	2.636e+04	3247.37

Macro	Tipo	Angolo 1-Z (gradi)
17	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
17	3	9.50	-1721.91	603.82	-11.43	-2511.13	-191.55	-2145.21
17	3	63.31	-3309.73	541.97	-11.43	1492.20	-1052.03	-2421.43
17	3	117.12	-3333.38	542.16	11.92	-5049.18	-330.41	-243.48
17	3	170.94	-3244.93	498.00	12.17	-6241.57	153.97	973.41
17	3	224.75	-3076.43	469.49	11.62	-6755.65	514.22	1678.35
17	3	278.56	-2891.78	465.64	14.18	-7287.06	974.21	1860.56
17	3	332.38	-2706.11	481.99	13.25	-8325.15	1659.29	1067.42
17	3	386.19	-2417.70	562.85	9.73	-1.354e+04	2658.19	-590.55
17	3	440.00	-1379.40	312.24	-28.75	-1.330e+04	1324.89	-3297.93
17	4	9.50	-1779.87	606.57	-11.57	-2719.70	-150.95	-2180.87
17	4	63.31	-3392.30	542.53	-11.57	1724.83	-1039.79	-2541.26
17	4	117.12	-3416.62	541.53	11.66	-4978.61	-327.50	-357.49
17	4	170.94	-3326.69	495.93	11.80	-6209.95	142.58	874.31
17	4	224.75	-3153.65	467.58	10.99	-6773.76	478.61	1608.46
17	4	278.56	-2961.31	466.64	13.11	-7413.83	887.40	1842.26
17	4	332.38	-2767.72	490.18	12.65	-8644.20	1524.34	1150.19
17	4	386.19	-2472.23	583.50	9.77	-1.426e+04	2500.27	-448.70

17	4	440.00	-1404.96	326.95	-26.07	-1.408e+04	1277.32	-3027.90
17	5	9.50	-1306.78	322.31	-8.71	-4017.26	25.08	-1027.72
17	5	63.31	-2300.50	273.14	-8.71	1681.28	-624.44	-1297.09
17	5	117.12	-2267.74	286.17	7.79	-2644.88	-130.27	-251.62
17	5	170.94	-2180.15	267.39	7.28	-3448.57	179.29	386.00
17	5	224.75	-2041.06	256.02	6.53	-3823.36	400.22	779.72
17	5	278.56	-1886.94	258.69	7.22	-4222.67	634.94	926.90
17	5	332.38	-1730.93	274.82	6.61	-4945.81	948.07	609.67
17	5	386.19	-1524.33	329.37	7.87	-8065.49	1624.36	-173.88
17	5	440.00	-857.70	190.17	-17.71	-7843.51	788.14	-1887.07
17	21	9.50	-1132.37	106.45	-11.40	-3379.65	1381.30	548.76
17	21	63.31	-2196.97	57.74	-11.40	1514.68	727.36	-1845.06
17	21	117.12	-2183.35	0.54	-5.51	-3032.11	808.54	-1143.57
17	21	170.94	-2084.02	-52.15	-3.30	-3872.52	476.60	-897.94
17	21	224.75	-1942.80	-64.75	-4.69	-4255.74	65.31	-371.39
17	21	278.56	-1761.53	-29.87	-9.78	-4660.80	-460.66	284.20
17	21	332.38	-1567.03	52.56	-2.65	-5412.29	-844.64	924.96
17	21	386.19	-1340.55	167.49	20.27	-8820.98	-86.79	1496.27
17	21	440.00	-700.74	91.43	-13.33	-8613.60	-524.41	1802.79
17	28	9.50	-1514.73	627.30	-7.41	-3379.65	-1336.07	-2877.25
17	28	63.31	-2579.33	578.59	-7.41	1514.68	-1990.02	-1155.41
17	28	117.12	-2552.38	648.87	21.17	-3032.11	-1123.36	645.60
17	28	170.94	-2483.76	653.90	18.53	-3872.52	-168.02	1862.19
17	28	224.75	-2349.75	639.69	18.56	-4255.74	681.08	2241.27
17	28	278.56	-2228.75	610.97	26.01	-4660.80	1719.29	1895.51
17	28	332.38	-2118.84	563.20	18.22	-5412.29	2852.15	448.28
17	28	386.19	-1920.35	564.49	-3.91	-8820.98	3529.66	-2032.37
17	28	440.00	-1138.23	323.02	-23.45	-8613.60	2250.73	-6115.65
17	40	9.50	-1751.80	690.60	-10.61	-3379.65	-1168.13	-2627.20
17	40	63.31	-2816.40	641.88	-10.61	1514.68	-1822.07	-1581.19
17	40	117.12	-2748.91	699.15	20.09	-3032.11	-1014.73	539.30
17	40	170.94	-2644.37	699.13	17.71	-3872.52	-110.23	1770.14
17	40	224.75	-2478.05	685.78	17.25	-4255.74	679.83	2250.50
17	40	278.56	-2325.55	663.33	24.49	-4660.80	1643.16	2032.76
17	40	332.38	-2184.11	625.27	17.59	-5412.29	2715.54	737.44
17	40	386.19	-1951.15	635.00	-1.82	-8820.98	3429.52	-1657.79
17	40	440.00	-1135.78	361.50	-24.38	-8613.60	2168.43	-5693.73
17	44	9.50	-1757.90	690.90	-11.01	-3379.65	-1137.78	-2594.95
17	44	63.31	-2822.49	642.19	-11.01	1514.68	-1791.73	-1600.00
17	44	117.12	-2753.03	697.89	19.85	-3032.11	-1008.25	527.70
17	44	170.94	-2647.01	697.60	17.52	-3872.52	-114.38	1759.68
17	44	224.75	-2479.80	684.92	17.04	-4255.74	663.82	2248.45
17	44	278.56	-2326.86	663.68	24.34	-4660.80	1617.68	2037.23
17	44	332.38	-2185.26	626.87	17.64	-5412.29	2687.34	745.24
17	44	386.19	-1951.56	637.08	-1.56	-8820.98	3409.11	-1661.10
17	44	440.00	-1134.65	362.07	-23.97	-8613.60	2169.87	-5732.78
17	53	9.50	-1083.56	36.22	-12.12	-3379.65	1762.12	1026.05
17	53	63.31	-2148.16	-12.49	-12.12	1514.68	1108.17	-1946.51
17	53	117.12	-2135.42	-87.62	-9.22	-3032.11	1072.49	-1390.55
17	53	170.94	-2031.23	-148.24	-6.34	-3872.52	561.84	-1275.61
17	53	224.75	-1888.62	-160.31	-7.92	-4255.74	-25.09	-725.32
17	53	278.56	-1699.00	-116.29	-14.68	-4660.80	-766.65	68.52
17	53	332.38	-1492.99	-15.72	-5.45	-5412.29	-1356.78	992.70
17	53	386.19	-1262.40	114.79	23.66	-8820.98	-584.58	1971.55
17	53	440.00	-641.12	60.39	-11.79	-8613.60	-898.64	2855.10
17	60	9.50	-1569.09	697.81	-7.05	-3379.65	-1689.55	-3325.54
17	60	63.31	-2633.69	649.10	-7.05	1514.68	-2343.50	-1070.91
17	60	117.12	-2604.08	735.90	24.67	-3032.11	-1381.46	882.14
17	60	170.94	-2538.97	748.61	21.40	-3872.52	-257.02	2230.43
17	60	224.75	-2405.55	734.48	21.61	-4255.74	757.15	2593.35
17	60	278.56	-2292.49	697.70	30.78	-4660.80	2002.37	2115.22
17	60	332.38	-2193.94	632.92	21.06	-5412.29	3338.92	387.55
17	60	386.19	-1998.92	619.07	-7.06	-8820.98	4009.06	-2510.65
17	60	440.00	-1196.88	354.58	-24.63	-8613.60	2626.30	-7203.23
17	72	9.50	-1870.27	778.21	-11.11	-3379.65	-1476.23	-3008.03
17	72	63.31	-2934.87	729.50	-11.11	1514.68	-2130.17	-1611.97
17	72	117.12	-2853.76	799.76	23.29	-3032.11	-1243.49	747.27
17	72	170.94	-2743.02	806.06	20.35	-3872.52	-183.61	2113.55
17	72	224.75	-2568.56	793.03	19.95	-4255.74	755.53	2605.09
17	72	278.56	-2415.50	764.22	28.85	-4660.80	1905.66	2289.57
17	72	332.38	-2276.89	711.76	20.26	-5412.29	3165.40	754.98
17	72	386.19	-2038.05	708.65	-4.41	-8820.98	3881.89	-2034.93
17	72	440.00	-1193.76	403.47	-25.81	-8613.60	2521.85	-6667.41
17	76	9.50	-1878.03	778.59	-11.62	-3379.65	-1437.68	-2967.07
17	76	63.31	-2942.63	729.88	-11.62	1514.68	-2091.63	-1635.87
17	76	117.12	-2859.01	798.16	22.99	-3032.11	-1235.25	732.53
17	76	170.94	-2746.38	804.11	20.11	-3872.52	-188.89	2100.26

17	76	224.75	-2570.80	791.93	19.68	-4255.74	735.23	2602.49
17	76	278.56	-2417.16	764.66	28.66	-4660.80	1873.31	2295.25
17	76	332.38	-2278.35	713.80	20.32	-5412.29	3129.59	764.89
17	76	386.19	-2038.58	711.29	-4.07	-8820.98	3855.96	-2039.14
17	76	440.00	-1192.34	404.19	-25.29	-8613.60	2523.69	-6717.04
17	79	9.50	-1310.47	335.46	-8.73	-3840.68	9.88	-1080.39
17	79	63.31	-2325.82	286.37	-8.73	1629.60	-641.87	-1342.93
17	79	117.12	-2297.71	298.41	7.94	-2765.37	-140.89	-241.91
17	79	170.94	-2212.00	278.44	7.49	-3582.39	175.09	421.63
17	79	224.75	-2073.81	266.31	6.76	-3962.85	401.81	827.30
17	79	278.56	-1920.79	268.71	7.57	-4368.26	648.04	972.07
17	79	332.38	-1765.97	284.89	6.92	-5107.59	980.14	626.28
17	79	386.19	-1558.08	340.89	7.81	-8334.01	1664.71	-203.06
17	79	440.00	-877.69	195.94	-18.12	-8120.66	811.41	-1952.49
17	81	9.50	-1320.21	438.50	-8.77	-2303.90	-116.25	-1539.08
17	81	63.31	-2499.71	390.67	-8.77	1246.53	-775.32	-1762.78
17	81	117.12	-2508.63	393.07	8.91	-3654.51	-231.98	-201.05
17	81	170.94	-2436.99	361.76	8.98	-4549.49	128.79	681.40
17	81	224.75	-2305.63	341.64	8.49	-4939.15	395.33	1197.49
17	81	278.56	-2161.39	339.57	10.23	-5343.41	727.14	1339.87
17	81	332.38	-2016.17	352.61	9.55	-6123.27	1215.50	784.05
17	81	386.19	-1797.04	413.01	7.56	-9957.23	1967.19	-401.32
17	81	440.00	-1023.29	230.44	-21.31	-9763.80	975.93	-2415.35
17	82	9.50	-1358.86	440.34	-8.86	-2442.94	-89.18	-1562.85
17	82	63.31	-2554.76	391.04	-8.86	1401.62	-767.16	-1842.67
17	82	117.12	-2564.12	392.64	8.73	-3607.46	-230.04	-277.05
17	82	170.94	-2491.49	360.38	8.72	-4528.41	121.20	615.34
17	82	224.75	-2357.11	340.37	8.07	-4951.23	371.59	1150.89
17	82	278.56	-2207.75	340.24	9.52	-5427.93	669.27	1327.67
17	82	332.38	-2057.25	358.06	9.15	-6335.96	1125.53	839.22
17	82	386.19	-1833.40	426.77	7.59	-1.044e+04	1861.91	-306.75
17	82	440.00	-1040.33	240.24	-19.52	-1.029e+04	944.22	-2235.33
17	86	9.50	-1310.47	335.46	-8.73	-3840.68	9.88	-1080.39
17	86	63.31	-2325.82	286.37	-8.73	1629.60	-641.87	-1342.93
17	86	117.12	-2297.71	298.41	7.94	-2765.37	-140.89	-241.91
17	86	170.94	-2212.00	278.44	7.49	-3582.39	175.09	421.63
17	86	224.75	-2073.81	266.31	6.76	-3962.85	401.81	827.30
17	86	278.56	-1920.79	268.71	7.57	-4368.26	648.04	972.07
17	86	332.38	-1765.97	284.89	6.92	-5107.59	980.14	626.28
17	86	386.19	-1558.08	340.89	7.81	-8334.01	1664.71	-203.06
17	86	440.00	-877.69	195.94	-18.12	-8120.66	811.41	-1952.49
17	87	9.50	-1315.34	386.98	-8.75	-3072.29	-53.18	-1309.74
17	87	63.31	-2412.77	338.52	-8.75	1438.07	-708.59	-1552.86
17	87	117.12	-2403.17	345.74	8.42	-3209.94	-186.43	-221.48
17	87	170.94	-2324.50	320.10	8.23	-4065.94	151.94	551.52
17	87	224.75	-2189.72	303.98	7.63	-4451.00	398.57	1012.39
17	87	278.56	-2041.09	304.14	8.90	-4855.83	687.59	1155.97
17	87	332.38	-1891.07	318.75	8.24	-5615.43	1097.82	705.16
17	87	386.19	-1677.56	376.95	7.69	-9145.62	1815.95	-302.19
17	87	440.00	-950.49	213.19	-19.71	-8942.23	893.67	-2183.92
17	91	9.50	-1310.47	335.46	-8.73	-3840.68	9.88	-1080.39
17	91	63.31	-2325.82	286.37	-8.73	1629.60	-641.87	-1342.93
17	91	117.12	-2297.71	298.41	7.94	-2765.37	-140.89	-241.91
17	91	170.94	-2212.00	278.44	7.49	-3582.39	175.09	421.63
17	91	224.75	-2073.81	266.31	6.76	-3962.85	401.81	827.30
17	91	278.56	-1920.79	268.71	7.57	-4368.26	648.04	972.07
17	91	332.38	-1765.97	284.89	6.92	-5107.59	980.14	626.28
17	91	386.19	-1558.08	340.89	7.81	-8334.01	1664.71	-203.06
17	91	440.00	-877.69	195.94	-18.12	-8120.66	811.41	-1952.49
17	92	9.50	-1313.39	366.37	-8.74	-3379.65	-27.96	-1218.00
17	92	63.31	-2377.99	317.66	-8.74	1514.68	-681.90	-1468.89
17	92	117.12	-2360.99	326.81	8.23	-3032.11	-168.22	-229.65
17	92	170.94	-2279.50	303.43	7.93	-3872.52	161.20	499.56
17	92	224.75	-2143.36	288.91	7.28	-4255.74	399.86	938.35
17	92	278.56	-1992.97	289.97	8.37	-4660.80	671.77	1082.41
17	92	332.38	-1841.03	305.20	7.71	-5412.29	1050.75	673.61
17	92	386.19	-1629.77	362.53	7.74	-8820.98	1755.45	-262.54
17	92	440.00	-921.37	206.29	-19.07	-8613.60	860.77	-2091.35
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-3416.62	-160.31	-28.75	-1.426e+04	-2343.50	-7203.23
			-641.12	806.06	30.78	1724.83	4009.06	2855.10

Macro	Tipo	Angolo 1-Z (gradi)
18	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
18	3	440.00	-2.258e+04	-194.63	-36.14	2.160e+05	1303.52	-41.20
18	3	492.58	-2.257e+04	-299.76	-36.14	1.053e+05	-1737.67	1341.07
18	3	545.17	-1.976e+04	-187.37	-6.19	4.764e+04	-1827.23	739.67
18	3	597.75	-1.670e+04	-162.46	-16.51	4.972e+04	-2668.73	-75.28
18	3	650.33	-1.369e+04	-154.63	-27.70	4.381e+04	-4113.56	-515.30
18	3	702.92	-1.076e+04	-153.22	-39.61	3.823e+04	-6422.15	-552.46
18	3	755.50	-8043.33	-164.94	-8.42	3.848e+04	-8992.38	-358.78
18	5	440.00	-1.527e+04	-147.53	-17.60	1.950e+05	345.96	148.12
18	5	492.58	-1.544e+04	-208.48	-17.60	1.077e+05	-1096.46	928.65
18	5	545.17	-1.356e+04	-121.01	-0.38	5.525e+04	-993.87	481.15
18	5	597.75	-1.145e+04	-108.61	-9.71	4.865e+04	-1515.75	25.18
18	5	650.33	-9362.29	-105.20	-17.39	3.904e+04	-2443.79	-186.97
18	5	702.92	-7312.84	-104.49	-23.66	3.160e+04	-3840.52	-173.56
18	5	755.50	-5369.38	-110.45	-2.32	2.968e+04	-5230.53	-108.88
18	11	440.00	-2.330e+04	-174.53	-45.21	2.114e+05	1988.39	135.51
18	11	492.58	-2.335e+04	-291.29	-45.21	1.039e+05	-1573.37	1579.26
18	11	545.17	-2.063e+04	-185.87	-16.53	4.753e+04	-2211.22	836.00
18	11	597.75	-1.762e+04	-161.05	-27.78	5.299e+04	-3647.84	-75.10
18	11	650.33	-1.465e+04	-153.52	-40.49	4.878e+04	-5749.77	-629.23
18	11	702.92	-1.177e+04	-152.82	-54.74	4.361e+04	-8886.90	-755.47
18	11	755.50	-9083.21	-166.53	-15.70	4.365e+04	-1.239e+04	-554.70
18	30	440.00	-1.594e+04	-2229.39	-83.16	4.425e+05	4607.97	103.49
18	30	492.58	-1.606e+04	-2296.87	-83.16	3.559e+05	2875.12	556.22
18	30	545.17	-1.408e+04	-2402.15	-55.89	2.562e+05	-416.74	-274.52
18	30	597.75	-1.191e+04	-2274.67	-40.79	2.120e+05	-3558.54	-1082.46
18	30	650.33	-9712.13	-2102.24	-21.17	1.505e+05	-5266.34	-1493.55
18	30	702.92	-7572.16	-1921.26	0.82	8.371e+04	-6153.18	-1687.85
18	30	755.50	-5538.18	-1753.78	54.05	1.698e+04	-5450.58	-1571.20
18	36	440.00	-1.389e+04	94.70	-263.16	2.163e+05	9715.71	3365.69
18	36	492.58	-1.401e+04	27.22	-263.16	1.298e+05	7982.86	4106.08
18	36	545.17	-1.236e+04	162.38	-166.63	8.142e+04	-2904.24	3382.61
18	36	597.75	-1.053e+04	144.92	-96.93	7.796e+04	-9705.06	2535.40
18	36	650.33	-8752.78	19.43	-21.64	8.693e+04	-1.303e+04	1869.89
18	36	702.92	-6916.90	-16.74	80.64	8.627e+04	-1.203e+04	1276.76
18	36	755.50	-4967.91	-44.96	244.99	5.404e+04	-3711.48	916.17
18	37	440.00	-1.797e+04	-390.48	221.28	1.559e+05	-8610.63	-3165.09
18	37	492.58	-1.809e+04	-457.97	221.28	6.933e+04	-1.034e+04	-2167.35
18	37	545.17	-1.579e+04	-419.04	162.91	1.787e+04	629.21	-2357.54
18	37	597.75	-1.326e+04	-372.54	75.52	1.326e+04	6301.39	-2538.00
18	37	650.33	-1.071e+04	-238.59	-15.64	-1.182e+04	7657.67	-2384.28
18	37	702.92	-8320.13	-200.76	-132.21	-2.421e+04	3625.96	-1796.41
18	37	755.50	-6290.07	-186.37	-252.13	5352.12	-7837.64	-1250.30
18	40	440.00	-1.393e+04	-174.00	-279.72	2.155e+05	1.130e+04	4809.51
18	40	492.58	-1.405e+04	-241.48	-279.72	1.289e+05	9563.28	5394.89
18	40	545.17	-1.240e+04	-108.46	-176.93	8.204e+04	-977.47	4725.09
18	40	597.75	-1.067e+04	-135.99	-104.32	1.061e+05	-9223.08	3667.14
18	40	650.33	-8762.80	-184.16	-28.67	8.625e+04	-1.283e+04	2688.70
18	40	702.92	-6919.13	-215.70	78.66	7.885e+04	-1.199e+04	1831.46
18	40	755.50	-4976.81	-233.34	242.28	4.302e+04	-3677.98	1565.70
18	62	440.00	-1.594e+04	-2792.17	-99.99	5.119e+05	5707.81	107.54
18	62	492.58	-1.606e+04	-2859.66	-99.99	4.253e+05	3974.96	445.40
18	62	545.17	-1.408e+04	-3017.01	-70.51	3.120e+05	-221.39	-487.26
18	62	597.75	-1.192e+04	-2859.10	-48.94	2.570e+05	-4061.64	-1375.06
18	62	650.33	-9706.20	-2641.34	-21.85	1.810e+05	-5964.63	-1827.85
18	62	702.92	-7559.26	-2411.79	8.05	9.803e+04	-6683.86	-2073.25
18	62	755.50	-5512.86	-2197.31	69.70	1.347e+04	-5355.51	-1948.73
18	68	440.00	-1.334e+04	160.37	-328.63	2.245e+05	1.219e+04	4248.03
18	68	492.58	-1.346e+04	92.89	-328.63	1.379e+05	1.046e+04	4953.47
18	68	545.17	-1.190e+04	241.10	-211.17	9.001e+04	-3381.86	4158.26
18	68	597.75	-1.016e+04	215.02	-120.25	8.670e+04	-1.187e+04	3221.20
18	68	650.33	-8488.50	54.50	-22.44	1.003e+05	-1.583e+04	2444.74
18	68	702.92	-6727.17	8.37	109.43	1.013e+05	-1.415e+04	1691.99
18	68	755.50	-4788.96	-25.57	312.19	6.067e+04	-3148.15	1207.17
18	69	440.00	-1.852e+04	-456.15	286.75	1.477e+05	-1.109e+04	-4047.43
18	69	492.58	-1.864e+04	-523.64	286.75	6.117e+04	-1.282e+04	-3014.75
18	69	545.17	-1.625e+04	-497.76	207.45	9283.32	1106.83	-3133.19
18	69	597.75	-1.363e+04	-442.64	98.83	4525.23	8464.33	-3223.80
18	69	650.33	-1.097e+04	-273.66	-14.84	-2.524e+04	1.045e+04	-2959.12
18	69	702.92	-8509.86	-225.87	-161.00	-3.919e+04	5743.44	-2211.64
18	69	755.50	-6469.02	-205.77	-319.33	-1277.70	-8400.97	-1541.29

18	72	440.00	-1.339e+04	-181.17	-349.69	2.235e+05	1.420e+04	6089.42
18	72	492.58	-1.351e+04	-248.65	-349.69	1.369e+05	1.247e+04	6591.09
18	72	545.17	-1.194e+04	-103.26	-224.26	9.087e+04	-932.67	5863.16
18	72	597.75	-1.033e+04	-142.21	-129.64	1.225e+05	-1.126e+04	4658.33
18	72	650.33	-8500.70	-204.59	-31.41	9.951e+04	-1.557e+04	3484.88
18	72	702.92	-6729.75	-244.94	106.93	9.189e+04	-1.410e+04	2396.68
18	72	755.50	-4799.79	-265.50	308.77	4.663e+04	-3099.87	2034.78
18	79	440.00	-1.549e+04	-147.14	-18.87	1.924e+05	412.31	146.14
18	79	492.58	-1.564e+04	-210.60	-18.87	1.055e+05	-1136.09	954.48
18	79	545.17	-1.372e+04	-123.43	-1.01	5.383e+04	-1061.66	496.98
18	79	597.75	-1.159e+04	-110.37	-10.12	4.803e+04	-1601.74	16.15
18	79	650.33	-9483.23	-106.70	-17.82	3.886e+04	-2549.83	-216.18
18	79	702.92	-7414.28	-105.94	-24.31	3.160e+04	-3982.88	-212.26
18	79	755.50	-5456.39	-112.20	-2.63	2.975e+04	-5425.88	-136.17
18	81	440.00	-1.697e+04	-149.63	-25.76	1.713e+05	879.75	-6.66
18	81	492.58	-1.700e+04	-226.51	-25.76	8.574e+04	-1283.50	1004.09
18	81	545.17	-1.489e+04	-139.76	-3.84	3.988e+04	-1314.52	548.82
18	81	597.75	-1.258e+04	-121.85	-12.08	3.996e+04	-1935.40	-42.02
18	81	650.33	-1.031e+04	-116.32	-20.55	3.451e+04	-3011.66	-352.89
18	81	702.92	-8095.08	-115.30	-29.22	2.970e+04	-4717.57	-370.81
18	81	755.50	-6031.74	-123.76	-5.76	2.957e+04	-6588.14	-239.15
18	85	440.00	-1.746e+04	-136.23	-31.81	1.683e+05	1336.33	111.14
18	85	492.58	-1.752e+04	-220.86	-31.81	8.485e+04	-1173.97	1162.89
18	85	545.17	-1.547e+04	-138.76	-10.73	3.981e+04	-1570.50	613.04
18	85	597.75	-1.320e+04	-120.91	-19.60	4.214e+04	-2588.14	-41.90
18	85	650.33	-1.095e+04	-115.58	-29.08	3.783e+04	-4102.47	-428.84
18	85	702.92	-8767.14	-115.04	-39.30	3.329e+04	-6360.74	-506.14
18	85	755.50	-6724.99	-124.82	-10.61	3.302e+04	-8851.77	-369.76
18	86	440.00	-1.549e+04	-147.14	-18.87	1.924e+05	412.31	146.14
18	86	492.58	-1.564e+04	-210.60	-18.87	1.055e+05	-1136.09	954.48
18	86	545.17	-1.372e+04	-123.43	-1.01	5.383e+04	-1061.66	496.98
18	86	597.75	-1.159e+04	-110.37	-10.12	4.803e+04	-1601.74	16.15
18	86	650.33	-9483.23	-106.70	-17.82	3.886e+04	-2549.83	-216.18
18	86	702.92	-7414.28	-105.94	-24.31	3.160e+04	-3982.88	-212.26
18	86	755.50	-5456.39	-112.20	-2.63	2.975e+04	-5425.88	-136.17
18	87	440.00	-1.623e+04	-148.39	-22.32	1.819e+05	646.03	69.74
18	87	492.58	-1.632e+04	-218.56	-22.32	9.560e+04	-1209.80	979.29
18	87	545.17	-1.431e+04	-131.59	-2.43	4.686e+04	-1188.09	522.90
18	87	597.75	-1.209e+04	-116.11	-11.10	4.400e+04	-1768.57	-12.93
18	87	650.33	-9895.85	-111.51	-19.19	3.668e+04	-2780.75	-284.53
18	87	702.92	-7754.68	-110.62	-26.76	3.065e+04	-4350.62	-291.53
18	87	755.50	-5744.06	-117.98	-4.20	2.966e+04	-6007.01	-187.66
18	90	440.00	-1.612e+04	-145.36	-22.56	1.842e+05	671.90	114.69
18	90	492.58	-1.623e+04	-215.20	-22.56	9.818e+04	-1167.25	1004.10
18	90	545.17	-1.426e+04	-129.11	-3.41	4.879e+04	-1203.89	528.49
18	90	597.75	-1.207e+04	-114.31	-12.33	4.556e+04	-1852.40	-4.77
18	90	650.33	-9909.13	-110.01	-20.51	3.796e+04	-2934.25	-280.58
18	90	702.92	-7793.78	-109.26	-28.09	3.164e+04	-4576.00	-296.41
18	90	755.50	-5802.16	-116.57	-4.73	3.038e+04	-6297.02	-199.36
18	91	440.00	-1.549e+04	-147.14	-18.87	1.924e+05	412.31	146.14
18	91	492.58	-1.564e+04	-210.60	-18.87	1.055e+05	-1136.09	954.48
18	91	545.17	-1.372e+04	-123.43	-1.01	5.383e+04	-1061.66	496.98
18	91	597.75	-1.159e+04	-110.37	-10.12	4.803e+04	-1601.74	16.15
18	91	650.33	-9483.23	-106.70	-17.82	3.886e+04	-2549.83	-216.18
18	91	702.92	-7414.28	-105.94	-24.31	3.160e+04	-3982.88	-212.26
18	91	755.50	-5456.39	-112.20	-2.63	2.975e+04	-5425.88	-136.17
18	92	440.00	-1.593e+04	-147.89	-20.94	1.861e+05	552.54	100.30
18	92	492.58	-1.605e+04	-215.38	-20.94	9.954e+04	-1180.31	969.36
18	92	545.17	-1.408e+04	-128.33	-1.86	4.964e+04	-1137.52	512.54
18	92	597.75	-1.189e+04	-113.81	-10.71	4.561e+04	-1701.84	-1.30
18	92	650.33	-9730.80	-109.58	-18.64	3.755e+04	-2688.38	-257.19
18	92	702.92	-7618.52	-108.75	-25.78	3.103e+04	-4203.29	-259.83
18	92	755.50	-5628.99	-115.67	-3.57	2.970e+04	-5774.56	-167.06

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.335e+04	-3017.01	-349.69	-3.919e+04	-1.583e+04	-4047.43
	-4788.96	241.10	312.19	5.119e+05	1.420e+04	6591.09

Macro	Tipo	Angolo 1-Z (gradi)
19	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T

		cm	daN	daN	daN	daN cm	daN cm	daN cm
19	4	440.00	-1.698e+04	-154.72	64.79	6.204e+04	-5676.73	617.56
19	4	492.58	-1.737e+04	-156.00	64.79	6.991e+04	-1587.95	231.11
19	4	545.17	-1.599e+04	-156.55	62.09	6.593e+04	1715.56	57.98
19	4	597.75	-1.457e+04	-155.49	50.09	5.804e+04	4195.41	-128.09
19	4	650.33	-1.315e+04	-152.50	53.14	4.890e+04	6887.65	-240.90
19	4	702.92	-1.166e+04	-147.21	64.76	4.590e+04	1.056e+04	-381.84
19	4	755.50	-9687.42	-143.13	39.93	5.494e+04	1.498e+04	-1071.25
19	5	440.00	-1.260e+04	-103.50	27.05	3.305e+04	-1575.13	332.75
19	5	492.58	-1.273e+04	-105.66	27.05	3.670e+04	114.26	131.04
19	5	545.17	-1.144e+04	-107.08	26.09	3.489e+04	1471.68	23.39
19	5	597.75	-1.015e+04	-107.39	23.03	3.061e+04	2597.01	-67.02
19	5	650.33	-8851.63	-106.92	27.31	2.574e+04	3969.06	-84.69
19	5	702.92	-7521.82	-106.00	35.62	2.495e+04	5996.95	-114.11
19	5	755.50	-5867.03	-105.48	20.73	3.182e+04	8509.81	-568.29
19	11	440.00	-1.750e+04	-150.23	68.45	6.127e+04	-5661.11	683.86
19	11	492.58	-1.783e+04	-152.23	68.45	6.973e+04	-1354.56	350.51
19	11	545.17	-1.638e+04	-153.23	64.60	6.730e+04	2056.08	138.49
19	11	597.75	-1.490e+04	-152.30	52.84	6.049e+04	4672.36	-110.79
19	11	650.33	-1.341e+04	-149.06	56.38	5.175e+04	7533.62	-295.39
19	11	702.92	-1.187e+04	-142.88	68.45	4.861e+04	1.144e+04	-499.14
19	11	755.50	-9867.74	-137.34	42.33	5.734e+04	1.612e+04	-1185.31
19	18	440.00	-1.449e+04	18.51	-190.14	7.092e+04	8829.45	-1095.32
19	18	492.58	-1.468e+04	16.77	-190.14	7.508e+04	1.084e+04	-1495.64
19	18	545.17	-1.317e+04	14.31	-103.83	6.349e+04	3299.64	-1409.65
19	18	597.75	-1.167e+04	12.98	-45.03	4.016e+04	-1140.45	-1107.15
19	18	650.33	-1.014e+04	-13.31	15.77	2.251e+04	-1728.58	-1446.71
19	18	702.92	-8729.16	-108.60	109.56	2.619e+04	1664.17	-457.54
19	18	755.50	-6942.76	-143.96	218.04	2.876e+04	1.190e+04	-1203.04
19	23	440.00	-1.069e+04	-409.91	248.87	1.643e+04	-1.310e+04	1188.87
19	23	492.58	-1.088e+04	-411.65	248.87	2.059e+04	-1.109e+04	1502.93
19	23	545.17	-9941.44	-384.75	162.37	2.266e+04	-473.69	1389.11
19	23	597.75	-8977.81	-350.23	95.21	3.045e+04	6353.74	881.21
19	23	650.33	-8023.79	-320.65	42.72	3.353e+04	9897.05	435.51
19	23	702.92	-6932.93	-329.70	-31.08	3.205e+04	1.091e+04	-454.67
19	23	755.50	-5478.31	-486.91	-169.76	4.348e+04	6157.36	-633.85
19	41	440.00	-1.304e+04	-2040.51	-29.41	496.58	828.74	-2208.83
19	41	492.58	-1.322e+04	-2042.24	-29.41	4652.14	2840.40	-1988.83
19	41	545.17	-1.196e+04	-1915.43	-7.78	-8395.16	1900.91	-1805.08
19	41	597.75	-1.058e+04	-1739.03	2.62	-1.925e+04	755.81	-2268.55
19	41	650.33	-9324.54	-1553.91	23.72	-3.377e+04	2045.32	-2887.96
19	41	702.92	-8033.51	-1408.31	60.52	-3.806e+04	4437.70	-3031.76
19	41	755.50	-6341.88	-1189.98	80.47	4.094e+04	9721.60	-3664.72
19	50	440.00	-1.501e+04	52.81	-250.18	8.017e+04	1.183e+04	-1485.77
19	50	492.58	-1.519e+04	51.07	-250.18	8.433e+04	1.384e+04	-1932.41
19	50	545.17	-1.361e+04	48.23	-140.29	7.025e+04	3819.36	-1794.34
19	50	597.75	-1.203e+04	46.52	-64.33	4.194e+04	-2171.08	-1385.17
19	50	650.33	-1.042e+04	12.88	11.89	2.097e+04	-3327.83	-1810.80
19	50	702.92	-8973.27	-108.47	128.77	2.594e+04	390.86	-543.54
19	50	755.50	-7140.11	-153.64	270.80	2.736e+04	1.266e+04	-1362.47
19	55	440.00	-1.018e+04	-491.42	307.48	1.090e+04	-1.603e+04	1413.22
19	55	492.58	-1.036e+04	-493.16	307.48	1.506e+04	-1.402e+04	1876.53
19	55	545.17	-9503.30	-458.69	197.85	1.834e+04	-974.85	1759.88
19	55	597.75	-8611.29	-414.85	113.80	2.959e+04	7349.14	1139.42
19	55	650.33	-7733.83	-377.52	46.14	3.500e+04	1.144e+04	580.90
19	55	702.92	-6692.33	-389.42	-49.91	3.343e+04	1.213e+04	-541.18
19	55	755.50	-5279.99	-589.25	-221.83	4.608e+04	5368.56	-640.16
19	73	440.00	-1.316e+04	-2562.82	-46.01	-9369.73	1666.41	-2902.42
19	73	492.58	-1.334e+04	-2564.56	-46.01	-5214.16	3678.07	-2559.20
19	73	545.17	-1.207e+04	-2403.24	-18.27	-2.115e+04	2043.34	-2296.60
19	73	597.75	-1.065e+04	-2179.25	-3.81	-3.365e+04	237.53	-2860.74
19	73	650.33	-9386.27	-1944.44	22.00	-5.043e+04	1465.87	-3641.54
19	73	702.92	-8090.47	-1760.00	66.46	-5.565e+04	3912.15	-3813.71
19	73	755.50	-6376.73	-1482.29	96.09	4.283e+04	9896.13	-4492.06
19	79	440.00	-1.257e+04	-105.17	28.60	3.420e+04	-1786.03	339.67
19	79	492.58	-1.272e+04	-107.20	28.60	3.803e+04	3.34	129.21
19	79	545.17	-1.146e+04	-108.52	27.72	3.603e+04	1452.39	21.57
19	79	597.75	-1.018e+04	-108.72	24.13	3.156e+04	2633.74	-69.88
19	79	650.33	-8905.27	-108.10	28.23	2.651e+04	4053.07	-89.67
19	79	702.92	-7593.31	-106.96	36.55	2.563e+04	6133.04	-122.53
19	79	755.50	-5952.38	-106.28	21.40	3.253e+04	8703.73	-582.46
19	82	440.00	-1.301e+04	-116.06	45.97	4.515e+04	-3882.03	452.38
19	82	492.58	-1.328e+04	-117.27	45.97	5.079e+04	-984.24	172.51
19	82	545.17	-1.218e+04	-117.88	44.00	4.800e+04	1350.22	42.74
19	82	597.75	-1.105e+04	-117.27	35.87	4.227e+04	3123.62	-92.80
19	82	650.33	-9915.17	-115.29	38.58	3.562e+04	5076.16	-169.23
19	82	702.92	-8735.39	-111.76	47.43	3.357e+04	7769.69	-265.29

19	82	755.50	-7195.03	-109.05	29.03	4.048e+04	1.102e+04	-782.38
19	85	440.00	-1.336e+04	-113.06	48.41	4.464e+04	-3871.61	496.58
19	85	492.58	-1.359e+04	-114.75	48.41	5.067e+04	-828.64	252.11
19	85	545.17	-1.244e+04	-115.66	45.68	4.892e+04	1577.23	96.42
19	85	597.75	-1.127e+04	-115.14	37.71	4.390e+04	3441.59	-81.27
19	85	650.33	-1.009e+04	-113.00	40.74	3.752e+04	5506.81	-205.56
19	85	702.92	-8880.38	-108.87	49.89	3.537e+04	8352.38	-343.49
19	85	755.50	-7315.24	-105.19	30.63	4.209e+04	1.178e+04	-858.42
19	86	440.00	-1.257e+04	-105.17	28.60	3.420e+04	-1786.03	339.67
19	86	492.58	-1.272e+04	-107.20	28.60	3.803e+04	3.34	129.21
19	86	545.17	-1.146e+04	-108.52	27.72	3.603e+04	1452.39	21.57
19	86	597.75	-1.018e+04	-108.72	24.13	3.156e+04	2633.74	-69.88
19	86	650.33	-8905.27	-108.10	28.23	2.651e+04	4053.07	-89.67
19	86	702.92	-7593.31	-106.96	36.55	2.563e+04	6133.04	-122.53
19	86	755.50	-5952.38	-106.28	21.40	3.253e+04	8703.73	-582.46
19	87	440.00	-1.261e+04	-110.51	34.34	3.861e+04	-2596.19	366.02
19	87	492.58	-1.282e+04	-112.04	34.34	4.298e+04	-436.34	115.25
19	87	545.17	-1.163e+04	-112.97	33.34	4.028e+04	1325.78	9.07
19	87	597.75	-1.043e+04	-112.83	27.94	3.505e+04	2699.86	-83.13
19	87	650.33	-9224.77	-111.75	31.38	2.928e+04	4280.93	-106.30
19	87	702.92	-7976.81	-109.92	39.78	2.799e+04	6538.41	-147.36
19	87	755.50	-6384.09	-108.83	23.71	3.498e+04	9299.74	-630.10
19	90	440.00	-1.274e+04	-108.45	34.40	3.770e+04	-2462.40	379.48
19	90	492.58	-1.292e+04	-110.26	34.40	4.214e+04	-303.75	149.33
19	90	545.17	-1.171e+04	-111.38	33.11	3.997e+04	1436.84	32.54
19	90	597.75	-1.048e+04	-111.32	28.07	3.514e+04	2816.47	-76.40
19	90	650.33	-9245.33	-110.25	31.74	2.960e+04	4416.74	-118.17
19	90	702.92	-7973.44	-108.29	40.25	2.833e+04	6706.62	-174.67
19	90	755.50	-6363.10	-106.88	23.99	3.523e+04	9509.35	-652.90
19	91	440.00	-1.257e+04	-105.17	28.60	3.420e+04	-1786.03	339.67
19	91	492.58	-1.272e+04	-107.20	28.60	3.803e+04	3.34	129.21
19	91	545.17	-1.146e+04	-108.52	27.72	3.603e+04	1452.39	21.57
19	91	597.75	-1.018e+04	-108.72	24.13	3.156e+04	2633.74	-69.88
19	91	650.33	-8905.27	-108.10	28.23	2.651e+04	4053.07	-89.67
19	91	702.92	-7593.31	-106.96	36.55	2.563e+04	6133.04	-122.53
19	91	755.50	-5952.38	-106.28	21.40	3.253e+04	8703.73	-582.46
19	92	440.00	-1.259e+04	-108.37	32.05	3.685e+04	-2272.13	355.48
19	92	492.58	-1.278e+04	-110.11	32.05	4.100e+04	-260.47	120.84
19	92	545.17	-1.156e+04	-111.19	31.09	3.858e+04	1376.42	14.07
19	92	597.75	-1.033e+04	-111.18	26.42	3.365e+04	2673.41	-77.83
19	92	650.33	-9096.97	-110.29	30.12	2.817e+04	4189.79	-99.65
19	92	702.92	-7823.41	-108.73	38.49	2.705e+04	6376.26	-137.43
19	92	755.50	-6211.41	-107.81	22.79	3.400e+04	9061.33	-611.05

M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-1.783e+04	-2564.56	-250.18	-5.565e+04	-1.603e+04	-4492.06
		-5279.99	52.81	307.48	8.433e+04	1.612e+04	1876.53

Macro	Tipo	Angolo 1-Z (gradi)
20	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
20	5	440.00	-1.231e+04	183.75	51.87	1.903e+05	-704.48	1315.07
20	5	492.58	-1.268e+04	66.91	51.87	7.198e+04	3611.20	538.50
20	5	545.17	-1.136e+04	82.16	-4.91	1.181e+04	2216.48	-1518.06
20	5	597.75	-9846.36	98.80	1.55	2422.19	2319.55	-640.07
20	5	650.33	-8348.21	99.42	12.43	-7726.16	3063.67	-277.27
20	5	702.92	-6876.72	95.58	20.02	-2.091e+04	4370.49	-224.01
20	5	755.50	-5238.99	100.36	2.27	-2.459e+04	5601.84	-225.82
20	11	440.00	-1.901e+04	256.25	101.39	2.574e+05	-1980.27	1963.71
20	11	492.58	-1.941e+04	65.79	101.39	8.167e+04	6099.26	615.45
20	11	545.17	-1.747e+04	105.74	7.50	2412.48	4636.04	-2749.22
20	11	597.75	-1.528e+04	137.35	15.54	-1587.15	5366.68	-1207.19
20	11	650.33	-1.314e+04	140.81	37.08	-1.232e+04	7391.56	-456.39
20	11	702.92	-1.107e+04	136.58	57.06	-3.262e+04	1.091e+04	-168.97
20	11	755.50	-8824.18	150.03	23.29	-4.079e+04	1.513e+04	-97.61
20	20	440.00	-1.313e+04	2309.96	10.77	1.031e+05	2156.66	3778.66
20	20	492.58	-1.346e+04	2186.38	10.77	-2.013e+04	6857.54	2626.32
20	20	545.17	-1.204e+04	2185.58	-58.12	-9.809e+04	3371.51	-392.54
20	20	597.75	-1.036e+04	2068.49	-22.06	-1.082e+05	1235.99	674.85
20	20	650.33	-8775.76	1918.43	7.01	-1.324e+05	1308.55	1725.77

20	20	702.92	-7253.67	1766.63	47.04	-1.036e+05	3107.82	1938.57
20	20	755.50	-5570.97	1503.50	67.87	-3.243e+04	7370.61	2573.20
20	34	440.00	-1.455e+04	-72.34	-106.48	1.521e+05	6763.72	2366.55
20	34	492.58	-1.489e+04	-195.91	-106.48	2.890e+04	1.146e+04	2084.74
20	34	545.17	-1.327e+04	-132.80	-116.68	-3.466e+04	2716.57	-518.30
20	34	597.75	-1.142e+04	-94.27	-57.96	-3.753e+04	-1796.62	-41.23
20	34	650.33	-9611.61	-120.73	8.65	-3.962e+04	-2650.76	193.46
20	34	702.92	-7864.28	-51.44	95.25	-5.678e+04	434.16	122.06
20	34	755.50	-6089.10	41.24	198.33	-5.157e+04	9347.00	-440.79
20	35	440.00	-1.120e+04	351.53	220.62	2.323e+05	-8279.87	199.90
20	35	492.58	-1.154e+04	227.95	220.62	1.091e+05	-3578.99	-1159.97
20	35	545.17	-1.038e+04	210.96	110.00	5.261e+04	2304.21	-2966.70
20	35	597.75	-9074.33	221.08	61.52	4.020e+04	7034.12	-1568.06
20	35	650.33	-7765.70	262.72	19.20	2.422e+04	9525.29	-1010.99
20	35	702.92	-6466.01	198.38	-49.35	1.672e+04	9518.51	-800.00
20	35	755.50	-4879.35	131.63	-189.06	-460.25	3476.40	-254.10
20	52	440.00	-1.320e+04	2883.84	-1.64	7.854e+04	2947.66	4430.05
20	52	492.58	-1.353e+04	2760.26	-1.64	-4.466e+04	7648.53	3191.21
20	52	545.17	-1.210e+04	2753.86	-72.69	-1.273e+05	3602.39	-49.38
20	52	597.75	-1.039e+04	2600.08	-28.52	-1.379e+05	866.43	1051.20
20	52	650.33	-8800.98	2409.17	5.19	-1.661e+05	741.00	2278.12
20	52	702.92	-7278.73	2217.41	53.62	-1.261e+05	2628.02	2527.93
20	52	755.50	-5595.04	1881.81	85.08	-3.433e+04	7634.84	3328.67
20	66	440.00	-1.501e+04	-142.37	-150.59	1.407e+05	8799.96	2637.96
20	66	492.58	-1.535e+04	-265.95	-150.59	1.750e+04	1.350e+04	2503.72
20	66	545.17	-1.367e+04	-190.95	-147.10	-4.681e+04	2772.29	-208.38
20	66	597.75	-1.174e+04	-147.09	-74.12	-4.829e+04	-2987.26	142.32
20	66	650.33	-9862.85	-181.25	7.27	-4.834e+04	-4290.76	331.40
20	66	702.92	-8054.85	-92.07	114.88	-6.642e+04	-772.83	221.06
20	66	755.50	-6252.56	24.32	250.80	-5.873e+04	1.015e+04	-502.38
20	67	440.00	-1.075e+04	396.34	264.94	2.426e+05	-1.031e+04	-116.17
20	67	492.58	-1.108e+04	272.77	264.94	1.194e+05	-5610.25	-1617.97
20	67	545.17	-9987.14	245.56	140.88	6.408e+04	2247.87	-3318.55
20	67	597.75	-8758.56	253.41	77.67	5.046e+04	8231.37	-1797.63
20	67	650.33	-7517.12	306.28	20.68	3.278e+04	1.118e+04	-1198.04
20	67	702.92	-6277.86	225.54	-68.87	2.691e+04	1.077e+04	-950.47
20	67	755.50	-4715.42	139.09	-241.36	6301.06	2681.61	-260.05
20	79	440.00	-1.249e+04	185.06	53.67	1.915e+05	-728.22	1324.99
20	79	492.58	-1.285e+04	65.74	53.67	7.170e+04	3726.24	529.74
20	79	545.17	-1.151e+04	82.50	-4.53	1.140e+04	2330.35	-1569.16
20	79	597.75	-9975.59	99.80	1.72	2500.90	2434.68	-664.09
20	79	650.33	-8458.82	100.59	12.90	-7526.31	3202.26	-283.86
20	79	702.92	-6971.25	96.75	20.92	-2.091e+04	4564.68	-219.48
20	79	755.50	-5321.59	101.77	2.88	-2.485e+04	5884.53	-214.27
20	85	440.00	-1.422e+04	194.63	73.55	1.963e+05	-1401.45	1479.19
20	85	492.58	-1.454e+04	53.41	73.55	6.420e+04	4486.31	486.78
20	85	545.17	-1.308e+04	81.27	4.14	3398.49	3325.49	-2007.97
20	85	597.75	-1.143e+04	104.20	10.48	-777.12	3825.66	-877.32
20	85	650.33	-9815.34	106.50	26.12	-9347.25	5262.28	-337.71
20	85	702.92	-8244.68	103.18	40.23	-2.453e+04	7753.78	-144.93
20	85	755.50	-6537.27	112.65	15.50	-3.033e+04	1.068e+04	-101.34
20	86	440.00	-1.249e+04	185.06	53.67	1.915e+05	-728.22	1324.99
20	86	492.58	-1.285e+04	65.74	53.67	7.170e+04	3726.24	529.74
20	86	545.17	-1.151e+04	82.50	-4.53	1.140e+04	2330.35	-1569.16
20	86	597.75	-9975.59	99.80	1.72	2500.90	2434.68	-664.09
20	86	650.33	-8458.82	100.59	12.90	-7526.31	3202.26	-283.86
20	86	702.92	-6971.25	96.75	20.92	-2.091e+04	4564.68	-219.48
20	86	755.50	-5321.59	101.77	2.88	-2.485e+04	5884.53	-214.27
20	87	440.00	-1.312e+04	187.24	58.67	1.959e+05	-792.88	1393.31
20	87	492.58	-1.344e+04	60.83	58.67	7.045e+04	4072.28	538.12
20	87	545.17	-1.202e+04	82.97	-3.98	9424.42	2632.84	-1728.30
20	87	597.75	-1.042e+04	102.54	1.86	2090.05	2720.50	-756.29
20	87	650.33	-8833.65	103.84	14.28	-7371.12	3553.58	-340.53
20	87	702.92	-7286.96	99.80	23.98	-2.111e+04	5100.16	-259.85
20	87	755.50	-5594.02	105.42	5.27	-2.556e+04	6729.36	-225.63
20	90	440.00	-1.304e+04	187.67	59.24	1.939e+05	-883.56	1377.69
20	90	492.58	-1.338e+04	61.70	59.24	6.980e+04	3988.99	523.83
20	90	545.17	-1.199e+04	82.40	-2.62	9169.37	2626.17	-1707.85
20	90	597.75	-1.041e+04	101.56	3.52	1713.82	2804.34	-736.24
20	90	650.33	-8850.07	102.81	15.99	-7840.84	3726.69	-312.77
20	90	702.92	-7326.97	99.01	25.76	-2.170e+04	5373.85	-217.49
20	90	755.50	-5651.90	105.12	6.17	-2.617e+04	7113.94	-195.32
20	91	440.00	-1.249e+04	185.06	53.67	1.915e+05	-728.22	1324.99
20	91	492.58	-1.285e+04	65.74	53.67	7.170e+04	3726.24	529.74
20	91	545.17	-1.151e+04	82.50	-4.53	1.140e+04	2330.35	-1569.16
20	91	597.75	-9975.59	99.80	1.72	2500.90	2434.68	-664.09
20	91	650.33	-8458.82	100.59	12.90	-7526.31	3202.26	-283.86

20	91	702.92	-6971.25	96.75	20.92	-2.091e+04	4564.68	-219.48
20	91	755.50	-5321.59	101.77	2.88	-2.485e+04	5884.53	-214.27
20	92	440.00	-1.287e+04	186.37	56.67	1.941e+05	-767.02	1365.98
20	92	492.58	-1.321e+04	62.79	56.67	7.095e+04	3933.86	534.77
20	92	545.17	-1.182e+04	82.78	-4.20	1.022e+04	2511.84	-1664.65
20	92	597.75	-1.024e+04	101.44	1.80	2254.39	2606.17	-719.41
20	92	650.33	-8683.72	102.54	13.73	-7433.20	3413.05	-317.87
20	92	702.92	-7160.68	98.58	22.76	-2.103e+04	4885.97	-243.70
20	92	755.50	-5485.05	103.96	4.32	-2.527e+04	6391.43	-221.09

M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-1.941e+04	-265.95	-241.36	-1.661e+05	-1.031e+04	-3318.55
		-4715.42	2883.84	264.94	2.574e+05	1.513e+04	4430.05

Macro	Tipo	Angolo 1-Z (gradi)
21	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
21	5	755.50	-3837.50	-14.05	113.63	3.272e+04	-5116.96	47.89
21	5	805.50	-3915.82	-20.57	113.63	2.510e+04	1493.76	-223.57
21	5	855.50	-3219.36	-7.24	35.05	-4.171e+04	4574.83	-6.53
21	5	905.50	-2103.04	-110.51	-71.56	1.079e+04	-690.20	340.58
21	9	755.50	-6491.36	-15.42	213.08	4.846e+04	-1.098e+04	44.32
21	9	805.50	-6529.51	-29.60	213.08	3.271e+04	1453.20	-538.77
21	9	855.50	-5495.11	-10.66	-2.67	-8.199e+04	6838.57	-655.80
21	9	905.50	-3915.22	-143.40	-125.96	1.604e+04	-1574.39	1001.80
21	11	755.50	-7059.63	-11.92	230.45	4.863e+04	-1.218e+04	27.64
21	11	805.50	-7053.61	-28.01	230.45	3.175e+04	1210.20	-614.96
21	11	855.50	-5933.00	-8.08	-16.75	-9.147e+04	7083.40	-859.10
21	11	905.50	-4271.61	-140.76	-135.95	1.646e+04	-1770.22	1169.90
21	20	755.50	-3941.31	571.05	88.79	9.509e+04	-3704.00	685.10
21	20	805.50	-4000.76	563.67	88.79	8.690e+04	3340.94	353.27
21	20	855.50	-3313.45	499.25	-4.52	-2.378e+04	5056.00	1176.73
21	20	905.50	-2275.57	359.74	-69.33	-3.955e+04	-1049.44	2238.11
21	30	755.50	-3928.58	-774.28	98.11	-4.303e+04	-4268.37	-340.84
21	30	805.50	-3988.03	-781.65	98.11	-5.122e+04	2776.57	-194.16
21	30	855.50	-3372.04	-656.62	3.72	-7.185e+04	4877.91	-2140.09
21	30	905.50	-2266.60	-699.63	-63.31	6.910e+04	-994.74	-1248.90
21	31	755.50	-4626.81	191.53	223.77	4.794e+04	-1.141e+04	22.53
21	31	805.50	-4686.25	184.16	223.77	3.974e+04	-4367.34	-484.00
21	31	855.50	-3672.22	168.09	125.51	-4.844e+04	3770.81	16.40
21	31	905.50	-2251.72	72.13	-105.12	-6600.23	14.88	867.67
21	45	755.50	-4622.44	-160.66	221.71	1.646e+04	-1.160e+04	-422.24
21	45	805.50	-4681.88	-168.03	221.71	8267.52	-4551.04	-972.03
21	45	855.50	-3685.50	-135.12	129.39	-5.886e+04	3705.72	-529.07
21	45	905.50	-2229.15	-203.51	-104.50	1.718e+04	42.29	-341.76
21	57	755.50	-4295.25	-944.06	168.64	-6.284e+04	-8332.15	-631.67
21	57	805.50	-4354.69	-951.43	168.64	-7.104e+04	-1287.20	-565.81
21	57	855.50	-3562.57	-803.26	72.00	-8.375e+04	4208.61	-2740.80
21	57	905.50	-2251.41	-816.87	-82.03	8.032e+04	-438.81	-1821.76
21	62	755.50	-3886.28	-980.80	91.73	-6.348e+04	-3887.15	-442.43
21	62	805.50	-3945.72	-988.18	91.73	-7.168e+04	3157.79	-176.23
21	62	855.50	-3361.41	-833.08	-3.18	-7.860e+04	4931.18	-2695.16
21	62	905.50	-2267.79	-859.00	-59.89	8.483e+04	-1054.31	-1704.23
21	63	755.50	-4773.42	246.56	251.53	5.196e+04	-1.298e+04	18.90
21	63	805.50	-4832.86	239.18	251.53	4.376e+04	-5930.08	-545.13
21	63	855.50	-3742.47	215.04	151.80	-4.923e+04	3521.23	42.66
21	63	905.50	-2248.81	120.88	-113.00	-1.133e+04	230.16	990.83
21	77	755.50	-4768.43	-200.47	248.89	1.205e+04	-1.321e+04	-545.70
21	77	805.50	-4827.87	-207.84	248.89	3852.09	-6166.02	-1165.47
21	77	855.50	-3759.63	-169.67	156.76	-6.230e+04	3438.16	-644.82
21	77	905.50	-2220.20	-228.19	-112.24	1.884e+04	265.13	-545.93
21	79	755.50	-3923.00	-13.63	116.50	3.282e+04	-5310.79	41.42
21	79	805.50	-3995.06	-20.46	116.50	2.495e+04	1460.94	-235.81
21	79	855.50	-3287.28	-7.00	32.76	-4.320e+04	4615.92	-38.63
21	79	905.50	-2160.07	-110.22	-73.17	1.086e+04	-722.10	368.00
21	83	755.50	-4793.64	-12.38	155.68	3.662e+04	-7899.04	39.38
21	83	805.50	-4832.85	-22.53	155.68	2.524e+04	1185.47	-382.47
21	83	855.50	-4056.43	-8.20	4.11	-5.943e+04	5147.11	-420.95
21	83	905.50	-2860.14	-110.49	-92.66	1.209e+04	-1124.60	698.65
21	85	755.50	-5172.49	-10.04	167.25	3.673e+04	-8698.55	28.27

21	85	805.50	-5182.25	-21.47	167.25	2.459e+04	1023.48	-433.26
21	85	855.50	-4348.35	-6.49	-5.27	-6.575e+04	5310.33	-556.49
21	85	905.50	-3097.73	-108.73	-99.31	1.237e+04	-1255.16	810.72
21	86	755.50	-3923.00	-13.63	116.50	3.282e+04	-5310.79	41.42
21	86	805.50	-3995.06	-20.46	116.50	2.495e+04	1460.94	-235.81
21	86	855.50	-3287.28	-7.00	32.76	-4.320e+04	4615.92	-38.63
21	86	905.50	-2160.07	-110.22	-73.17	1.086e+04	-722.10	368.00
21	88	755.50	-4097.13	-13.38	124.34	3.358e+04	-5828.44	41.01
21	88	805.50	-4162.62	-20.87	124.34	2.501e+04	1405.84	-265.14
21	88	855.50	-3441.11	-7.24	27.03	-4.644e+04	4722.16	-115.10
21	88	905.50	-2300.09	-110.27	-77.07	1.111e+04	-802.60	434.13
21	90	755.50	-4259.49	-12.38	129.30	3.363e+04	-6171.08	36.25
21	90	805.50	-4312.36	-20.42	129.30	2.473e+04	1336.42	-286.91
21	90	855.50	-3566.22	-6.51	23.01	-4.915e+04	4792.11	-173.18
21	90	905.50	-2401.91	-109.52	-79.92	1.123e+04	-858.55	482.16
21	91	755.50	-3923.00	-13.63	116.50	3.282e+04	-5310.79	41.42
21	91	805.50	-3995.06	-20.46	116.50	2.495e+04	1460.94	-235.81
21	91	855.50	-3287.28	-7.00	32.76	-4.320e+04	4615.92	-38.63
21	91	905.50	-2160.07	-110.22	-73.17	1.086e+04	-722.10	368.00
21	92	755.50	-4085.36	-12.63	121.47	3.287e+04	-5653.43	36.65
21	92	805.50	-4144.81	-20.00	121.47	2.468e+04	1391.51	-257.58
21	92	855.50	-3412.39	-6.27	28.74	-4.591e+04	4685.87	-96.72
21	92	905.50	-2261.90	-109.46	-76.02	1.098e+04	-778.05	416.03

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-7059.63	-988.18	-135.95	-9.147e+04	-1.321e+04	-2740.80
	-2103.04	571.05	251.53	9.509e+04	7083.40	2238.11

Macro	Tipo	Angolo 1-Z (gradi)
22	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
22	5	755.50	-3144.13	13.91	168.59	-4822.79	-7735.24	-99.63
22	5	805.50	-3037.52	6.60	168.59	-5633.96	1617.69	-206.49
22	5	855.50	-2405.17	3.40	32.42	1.798e+04	5905.10	-1.14
22	5	905.50	-1389.74	-11.32	-76.33	-1134.96	1036.69	349.55
22	11	755.50	-5591.82	-1.74	287.84	-1772.39	-1.489e+04	10.97
22	11	805.50	-5524.58	-24.54	287.84	-3545.92	1501.54	-477.11
22	11	855.50	-4858.55	-59.87	-27.23	3.770e+04	7432.97	-1398.17
22	11	905.50	-3108.82	-105.37	-103.78	-2797.04	532.15	398.78
22	28	755.50	-3821.13	233.22	274.91	-2.716e+04	-1.402e+04	231.87
22	28	805.50	-3729.22	224.52	274.91	-2.822e+04	-4185.88	255.66
22	28	855.50	-2814.62	186.11	120.81	1.265e+04	4925.87	659.94
22	28	905.50	-1540.05	135.29	-100.40	1.671e+04	1820.41	1013.29
22	30	755.50	-2729.45	122.17	76.64	-1.490e+04	-2486.62	-76.06
22	30	805.50	-2637.54	113.46	76.64	-1.597e+04	7345.00	-459.31
22	30	855.50	-2329.09	82.20	-69.32	1.815e+04	6866.26	-265.96
22	30	905.50	-1508.99	47.70	-54.67	8999.88	99.63	506.68
22	36	755.50	-3450.51	673.50	205.26	-6.720e+04	-1.006e+04	444.10
22	36	805.50	-3358.60	664.80	205.26	-6.826e+04	-229.00	105.64
22	36	855.50	-2637.35	538.83	57.49	-4641.73	5625.20	1438.12
22	36	905.50	-1528.62	406.29	-86.36	4.603e+04	1242.98	1738.93
22	40	755.50	-3451.90	559.51	204.00	-5.804e+04	-9939.60	619.16
22	40	805.50	-3359.99	550.81	204.00	-5.910e+04	-107.98	434.57
22	40	855.50	-2639.06	451.59	54.67	7127.35	5637.82	923.96
22	40	905.50	-1526.29	353.08	-85.73	4.534e+04	1236.52	1836.15
22	60	755.50	-3970.99	293.32	301.62	-3.350e+04	-1.558e+04	319.70
22	60	805.50	-3879.08	284.62	301.62	-3.456e+04	-5749.20	386.69
22	60	855.50	-2879.81	237.52	146.75	1.077e+04	4665.76	876.82
22	60	905.50	-1543.92	177.54	-106.78	2.159e+04	2056.27	1193.78
22	62	755.50	-2583.26	152.76	49.64	-1.796e+04	-922.25	-70.67
22	62	805.50	-2491.35	144.05	49.64	-1.903e+04	8909.36	-521.28
22	62	855.50	-2262.89	106.09	-94.97	1.774e+04	7132.67	-296.72
22	62	905.50	-1504.51	66.94	-48.69	1.184e+04	-130.71	552.67
22	68	755.50	-3499.74	853.17	213.12	-8.441e+04	-1.055e+04	589.94
22	68	805.50	-3407.83	844.47	213.12	-8.548e+04	-720.02	195.32
22	68	855.50	-2654.55	686.14	66.27	-1.122e+04	5554.59	1872.07
22	68	905.50	-1529.41	522.35	-88.96	5.889e+04	1322.67	2117.80
22	72	755.50	-3501.64	708.68	211.43	-7.281e+04	-1.039e+04	812.24
22	72	805.50	-3409.73	699.98	211.43	-7.388e+04	-559.79	613.79
22	72	855.50	-2656.70	575.60	62.56	3747.91	5572.00	1216.62

22	72	905.50	-1526.46	455.02	-88.14	5.807e+04	1313.48	2243.34
22	79	755.50	-3192.13	12.99	171.27	-4499.57	-7918.49	-97.41
22	79	805.50	-3090.23	5.19	171.27	-5377.10	1601.94	-214.70
22	79	855.50	-2466.91	0.82	29.81	1.856e+04	5897.33	-51.94
22	79	905.50	-1438.49	-14.81	-76.49	-1183.51	1005.61	348.30
22	85	755.50	-4121.49	1.19	212.95	-1997.02	-1.086e+04	-7.16
22	85	805.50	-4059.94	-14.72	212.95	-3252.13	1225.12	-341.23
22	85	855.50	-3526.80	-38.08	-12.44	2.722e+04	5746.80	-905.18
22	85	905.50	-2231.85	-69.89	-79.28	-1990.13	509.57	313.12
22	86	755.50	-3192.13	12.99	171.27	-4499.57	-7918.49	-97.41
22	86	805.50	-3090.23	5.19	171.27	-5377.10	1601.94	-214.70
22	86	855.50	-2466.91	0.82	29.81	1.856e+04	5897.33	-51.94
22	86	905.50	-1438.49	-14.81	-76.49	-1183.51	1005.61	348.30
22	90	755.50	-3418.85	9.62	182.25	-3613.65	-8682.20	-77.65
22	90	805.50	-3330.35	-0.29	182.25	-4665.81	1516.85	-248.20
22	90	855.50	-2735.85	-9.56	18.85	2.086e+04	5860.95	-270.19
22	90	905.50	-1643.66	-29.27	-77.21	-1399.15	876.24	340.42
22	91	755.50	-3192.13	12.99	171.27	-4499.57	-7918.49	-97.41
22	91	805.50	-3090.23	5.19	171.27	-5377.10	1601.94	-214.70
22	91	855.50	-2466.91	0.82	29.81	1.856e+04	5897.33	-51.94
22	91	905.50	-1438.49	-14.81	-76.49	-1183.51	1005.61	348.30
22	92	755.50	-3268.73	11.09	176.24	-3776.92	-8247.90	-94.20
22	92	805.50	-3176.82	2.39	176.24	-4840.29	1583.71	-230.07
22	92	855.50	-2573.72	-4.06	25.11	1.962e+04	5885.57	-141.20
22	92	905.50	-1525.67	-21.27	-76.79	-1285.36	949.06	346.71

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-5591.82	-105.37	-106.78	-8.548e+04	-1.558e+04	-1398.17
	-1389.74	853.17	301.62	5.889e+04	8909.36	2243.34

Macro	Tipo	Angolo 1-Z (gradi)
23	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
23	5	755.50	-3090.70	-10.24	-179.05	3.451e+04	8431.77	-243.26
23	5	805.50	-3003.65	-17.78	-179.05	2.607e+04	-1284.57	-515.56
23	5	855.50	-2403.51	-12.19	-49.61	-7487.01	-6461.65	60.79
23	5	905.50	-1437.80	-264.65	91.52	5347.35	-941.08	1106.47
23	11	755.50	-5533.83	-31.02	-311.84	6.199e+04	1.593e+04	-345.16
23	11	805.50	-5514.12	-43.36	-311.84	4.104e+04	-1283.61	-1338.55
23	11	855.50	-4917.30	-43.51	-14.12	-2.502e+04	-8866.02	-923.16
23	11	905.50	-3331.37	-528.87	129.61	1957.89	-23.09	2487.21
23	26	755.50	-3798.60	228.67	-296.79	2.665e+04	1.460e+04	-347.47
23	26	805.50	-3728.33	220.77	-296.79	1.711e+04	4356.56	-964.64
23	26	855.50	-2851.27	132.51	-140.99	-1.147e+04	-5737.87	-166.34
23	26	905.50	-1560.17	-156.46	123.58	2.329e+04	-1734.52	924.81
23	39	755.50	-3028.07	-696.07	-153.57	6.926e+04	7234.82	-603.69
23	39	805.50	-2957.80	-703.97	-153.57	5.971e+04	-3006.83	-848.89
23	39	855.50	-2450.20	-591.84	-17.82	-6943.82	-6841.73	776.49
23	39	905.50	-1519.52	-748.21	88.52	-7.097e+04	-578.85	2358.89
23	41	755.50	-3366.44	-749.64	-218.65	7.484e+04	1.059e+04	-826.17
23	41	805.50	-3296.17	-757.53	-218.65	6.530e+04	346.79	-1399.40
23	41	855.50	-2604.67	-634.45	-77.00	-8378.20	-6408.57	1128.11
23	41	905.50	-1466.20	-799.66	109.03	-8.302e+04	-1150.15	2243.50
23	58	755.50	-3956.01	293.74	-326.26	2.391e+04	1.613e+04	-375.74
23	58	805.50	-3885.74	285.84	-326.26	1.437e+04	5883.99	-1067.42
23	58	855.50	-2924.69	172.48	-167.26	-1.223e+04	-5526.29	-200.32
23	58	905.50	-1551.81	-122.02	131.95	2.820e+04	-1983.90	845.54
23	71	755.50	-2976.82	-881.85	-144.25	7.812e+04	6764.23	-701.17
23	71	805.50	-2906.56	-889.75	-144.25	6.858e+04	-3477.42	-919.02
23	71	855.50	-2415.67	-748.85	-10.61	-6454.92	-6930.02	1002.09
23	71	905.50	-1500.04	-874.82	87.40	-9.167e+04	-514.61	2676.58
23	73	755.50	-3406.48	-949.73	-226.88	8.523e+04	1.102e+04	-983.81
23	73	805.50	-3336.21	-957.62	-226.88	7.568e+04	782.65	-1618.44
23	73	855.50	-2611.67	-802.78	-85.79	-8280.29	-6379.99	1448.58
23	73	905.50	-1432.61	-939.89	113.45	-1.069e+05	-1240.17	2530.03
23	79	755.50	-3139.32	-10.73	-182.15	3.526e+04	8621.47	-243.11
23	79	805.50	-3057.94	-18.38	-182.15	2.643e+04	-1277.93	-540.94
23	79	855.50	-2467.73	-13.05	-47.69	-7979.24	-6481.16	23.72
23	79	905.50	-1492.59	-271.35	91.91	5222.77	-895.68	1145.11
23	85	755.50	-4075.38	-21.78	-230.11	4.553e+04	1.164e+04	-262.62

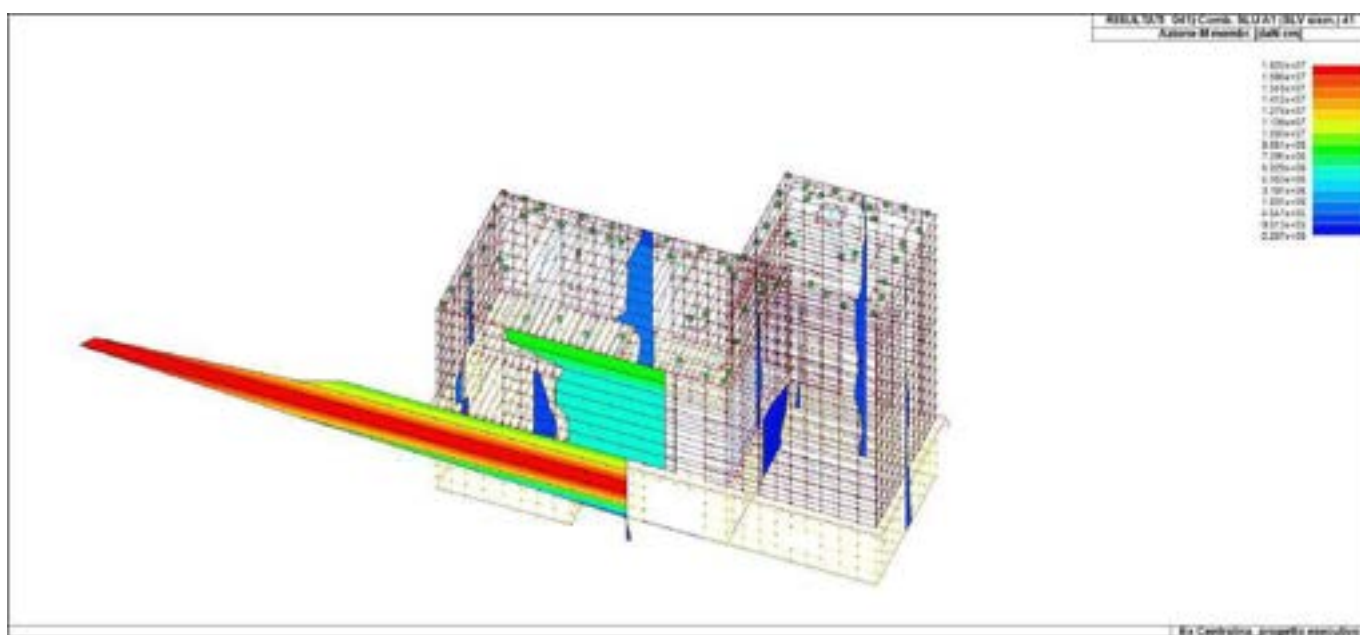
23	85	805.50	-4047.61	-30.95	-230.11	3.064e+04	-1030.55	-947.57
23	85	855.50	-3564.42	-30.17	-17.05	-1.742e+04	-6761.83	-587.56
23	85	905.50	-2383.40	-384.29	98.39	2084.68	-165.08	1785.06
23	86	755.50	-3139.32	-10.73	-182.15	3.526e+04	8621.47	-243.11
23	86	805.50	-3057.94	-18.38	-182.15	2.643e+04	-1277.93	-540.94
23	86	855.50	-2467.73	-13.05	-47.69	-7979.24	-6481.16	23.72
23	86	905.50	-1492.59	-271.35	91.91	5222.77	-895.68	1145.11
23	90	755.50	-3367.93	-13.26	-194.80	3.809e+04	9409.34	-247.38
23	90	805.50	-3303.20	-21.35	-194.80	2.767e+04	-1226.97	-646.82
23	90	855.50	-2746.23	-17.16	-39.71	-1.029e+04	-6557.11	-133.75
23	90	905.50	-1723.15	-300.18	93.60	4520.18	-705.96	1309.88
23	91	755.50	-3139.32	-10.73	-182.15	3.526e+04	8621.47	-243.11
23	91	805.50	-3057.94	-18.38	-182.15	2.643e+04	-1277.93	-540.94
23	91	855.50	-2467.73	-13.05	-47.69	-7979.24	-6481.16	23.72
23	91	905.50	-1492.59	-271.35	91.91	5222.77	-895.68	1145.11
23	92	755.50	-3216.93	-11.34	-187.88	3.672e+04	8966.50	-243.79
23	92	805.50	-3146.67	-19.23	-187.88	2.718e+04	-1275.15	-586.97
23	92	855.50	-2578.65	-14.33	-44.21	-8776.33	-6518.32	-42.30
23	92	905.50	-1590.85	-283.06	92.64	5082.20	-813.93	1214.07

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-5533.83	-957.62	-326.26	-1.069e+05	-8866.02	-1618.44
	-1432.61	293.74	131.95	8.523e+04	1.613e+04	2676.58

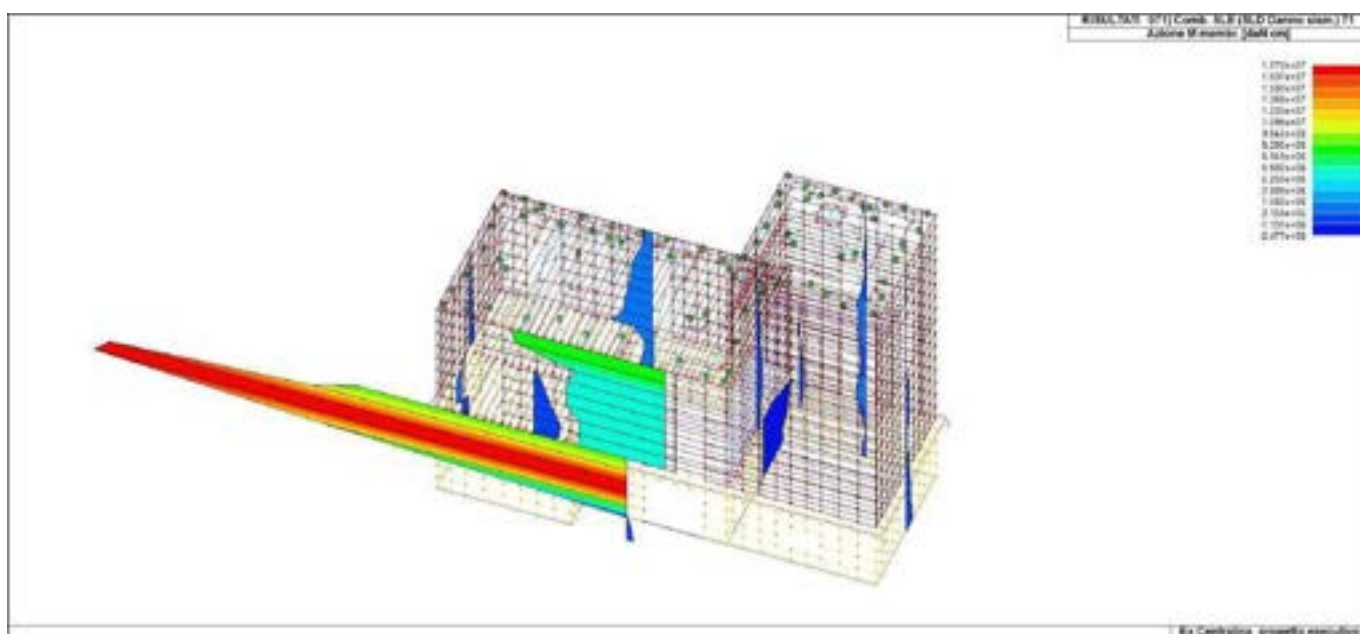
Macro	Tipo	Angolo 1-Z (gradi)
24	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
24	1	386.19	-738.55	321.76	129.72	-1568.55	-132.07	-646.15
24	1	440.00	-944.80	259.73	73.10	-1178.85	-611.38	-302.20
24	5	386.19	-542.56	238.96	83.52	-1095.51	-189.91	-501.87
24	5	440.00	-689.49	196.77	49.18	-710.89	-403.24	-232.07
24	11	386.19	-1084.95	463.86	347.19	-3134.03	1050.77	-543.35
24	11	440.00	-1414.56	340.93	166.86	-4053.82	-1506.51	-299.90
24	20	386.19	-712.84	260.89	107.37	-1271.84	17.55	-762.41
24	20	440.00	-943.99	240.58	69.77	-415.71	-485.83	-214.54
24	21	386.19	-486.49	254.22	110.91	-1271.84	-118.33	-227.74
24	21	440.00	-589.97	173.68	50.81	-1587.26	-531.92	-251.09
24	35	386.19	-647.29	232.00	92.41	-1271.84	486.11	-843.51
24	35	440.00	-756.22	180.54	25.72	-1034.84	245.90	-468.16
24	36	386.19	-607.25	291.04	124.28	-1271.84	-523.56	-260.54
24	36	440.00	-867.70	253.43	95.58	-698.34	-1199.56	-123.35
24	52	386.19	-743.43	261.81	106.93	-1271.84	34.21	-832.06
24	52	440.00	-991.82	249.62	72.34	-257.43	-481.16	-209.60
24	53	386.19	-455.91	253.30	111.36	-1271.84	-134.99	-158.09
24	53	440.00	-542.14	164.64	48.25	-1745.54	-536.58	-256.03
24	67	386.19	-660.16	225.10	87.90	-1271.84	630.50	-937.16
24	67	440.00	-753.31	173.35	16.38	-1043.85	449.34	-530.51
24	68	386.19	-609.30	300.08	128.37	-1271.84	-651.83	-195.45
24	68	440.00	-894.92	265.94	105.11	-616.42	-1386.61	-92.97
24	79	386.19	-557.00	243.79	92.71	-1158.29	-139.99	-499.14
24	79	440.00	-710.56	198.48	53.17	-821.63	-441.14	-232.29
24	85	386.19	-787.94	338.53	237.69	-2201.94	648.57	-430.60
24	85	440.00	-1023.73	252.61	115.67	-2738.27	-1037.89	-230.76
24	86	386.19	-557.00	243.79	92.71	-1158.29	-139.99	-499.14
24	86	440.00	-710.56	198.48	53.17	-821.63	-441.14	-232.29
24	87	386.19	-628.11	266.73	120.10	-1347.54	9.35	-492.37
24	87	440.00	-804.59	212.90	65.04	-1121.39	-554.03	-233.16
24	90	386.19	-625.94	270.08	130.47	-1427.58	65.51	-483.26
24	90	440.00	-803.28	213.92	69.47	-1300.88	-596.61	-232.26
24	91	386.19	-557.00	243.79	92.71	-1158.29	-139.99	-499.14
24	91	440.00	-710.56	198.48	53.17	-821.63	-441.14	-232.29
24	92	386.19	-599.67	257.55	109.14	-1271.84	-50.39	-495.07
24	92	440.00	-766.98	207.13	60.29	-1001.49	-508.87	-232.81

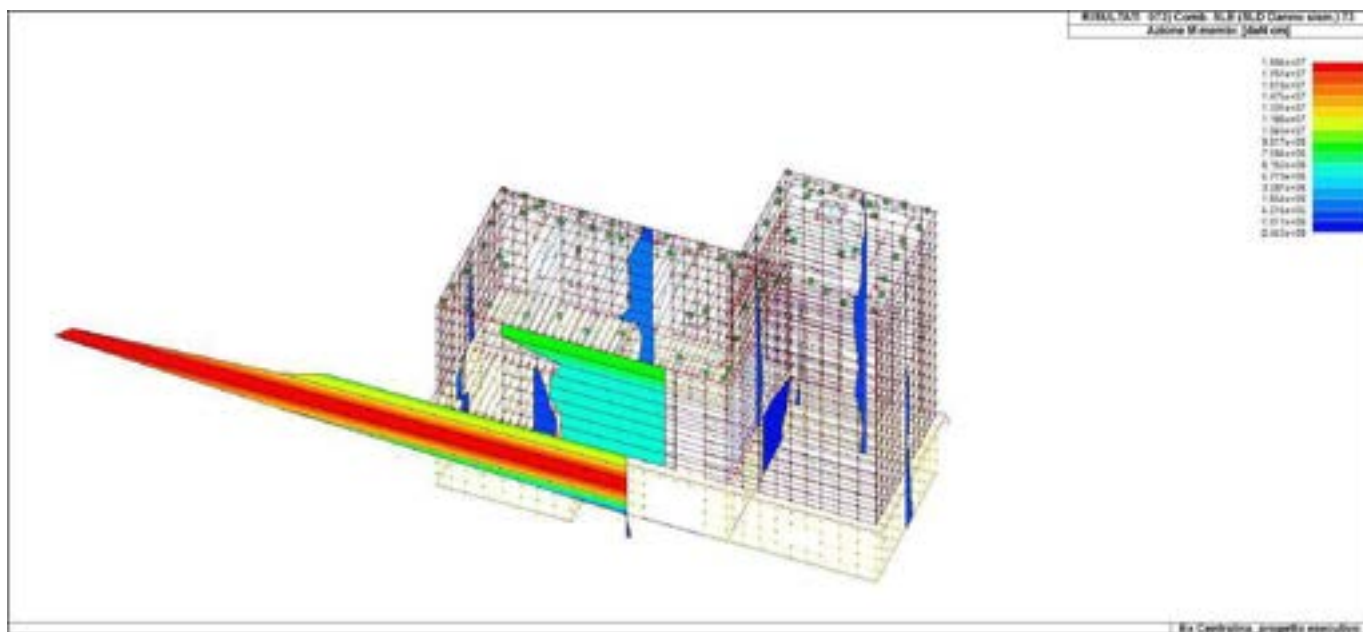
M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-1414.56	164.64	16.38	-4053.82	-1506.51	-937.16
	-455.91	463.86	347.19	-257.43	1050.77	-92.97



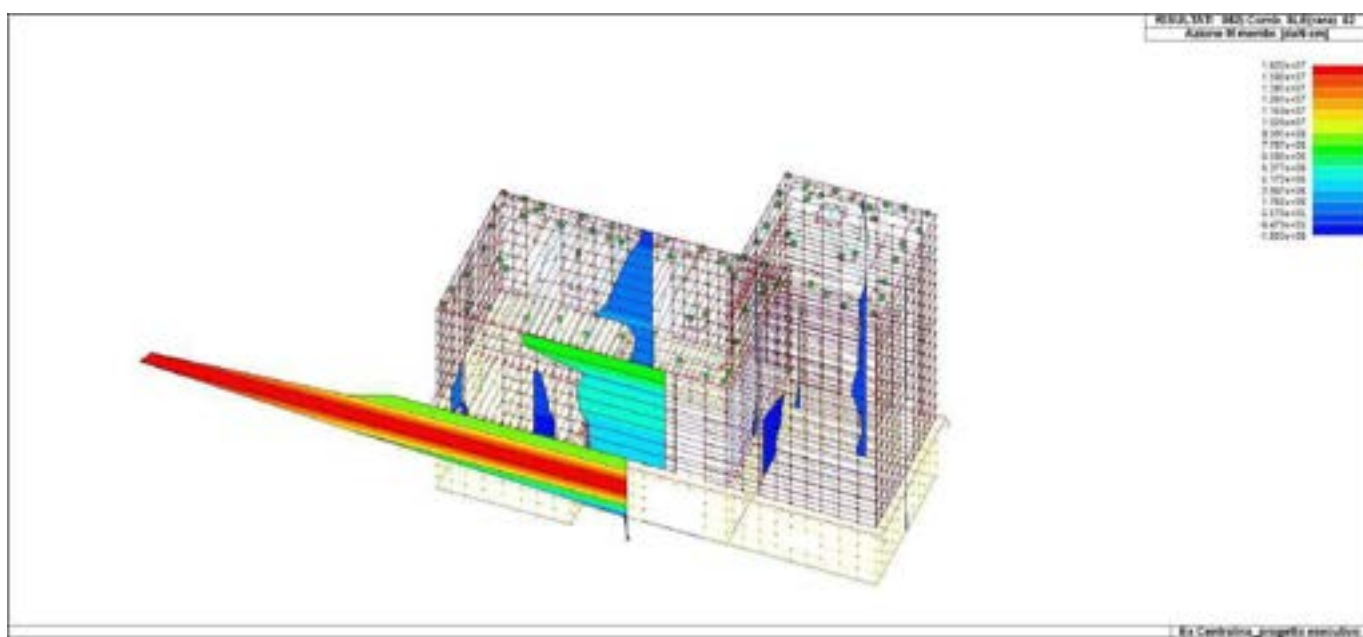
47_RIS_M_041_Comb SLU A1 SLV sism 41



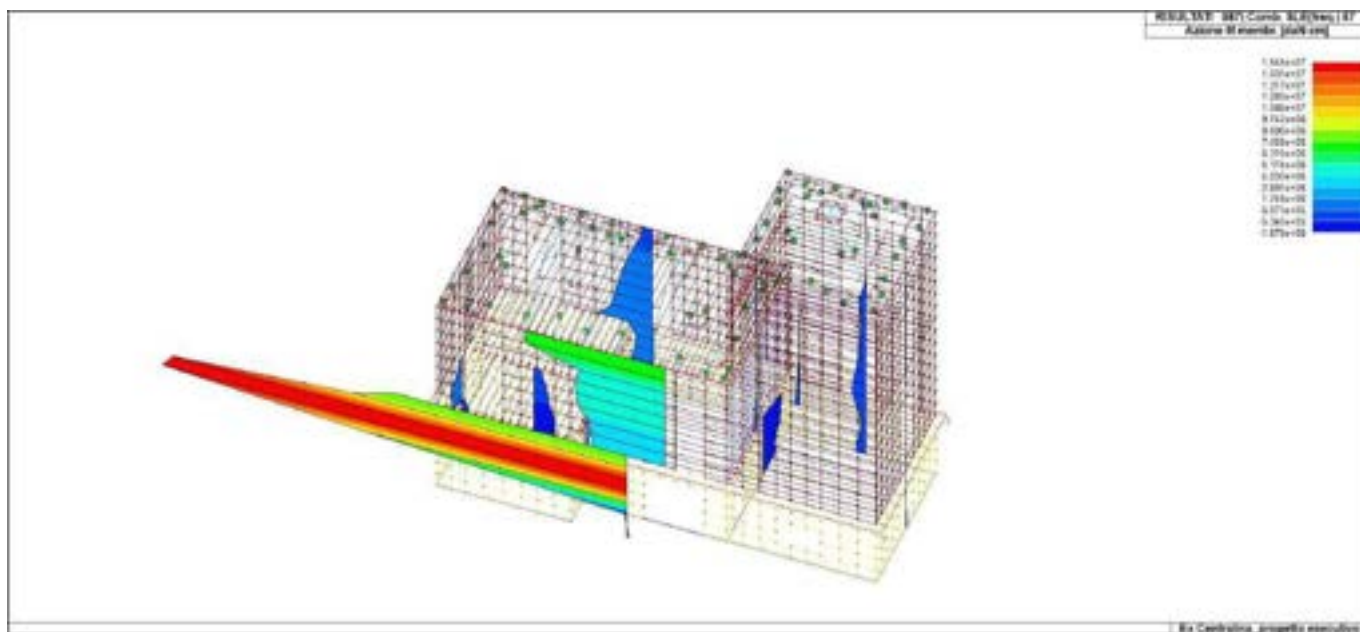
47_RIS_M_071_Comb SLE SLD Danno sism 71



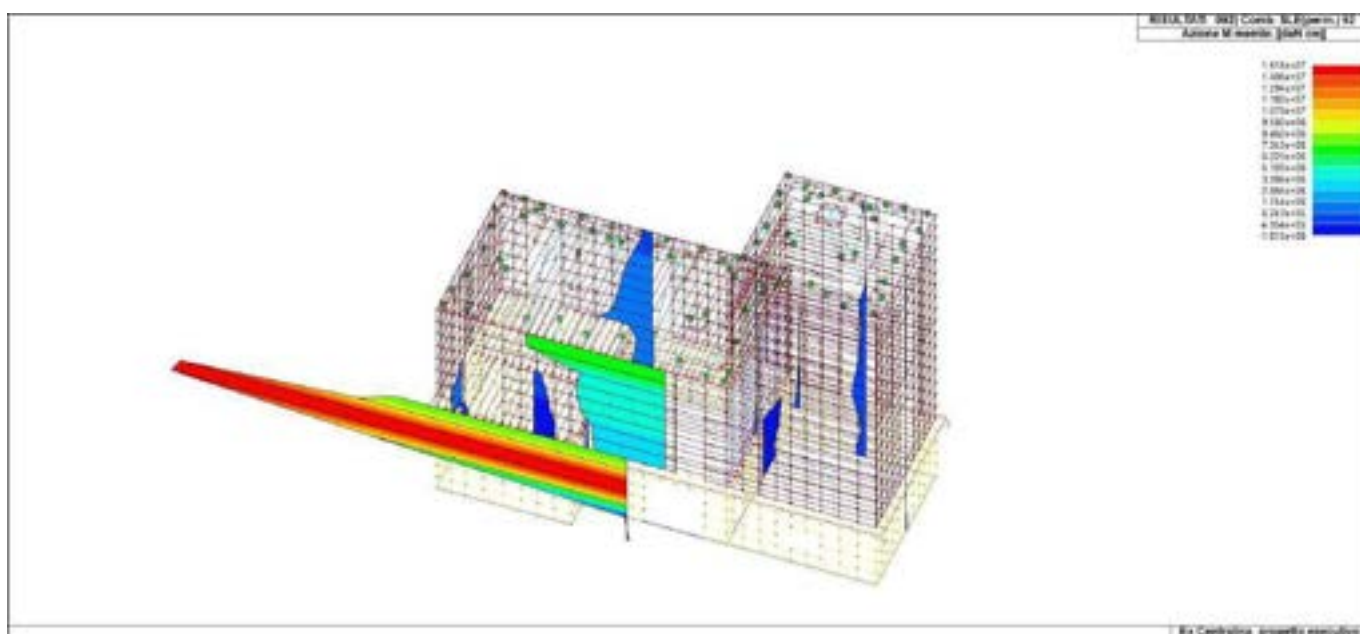
47_RIS_M_073_Comb SLE SLD Danno sism 73



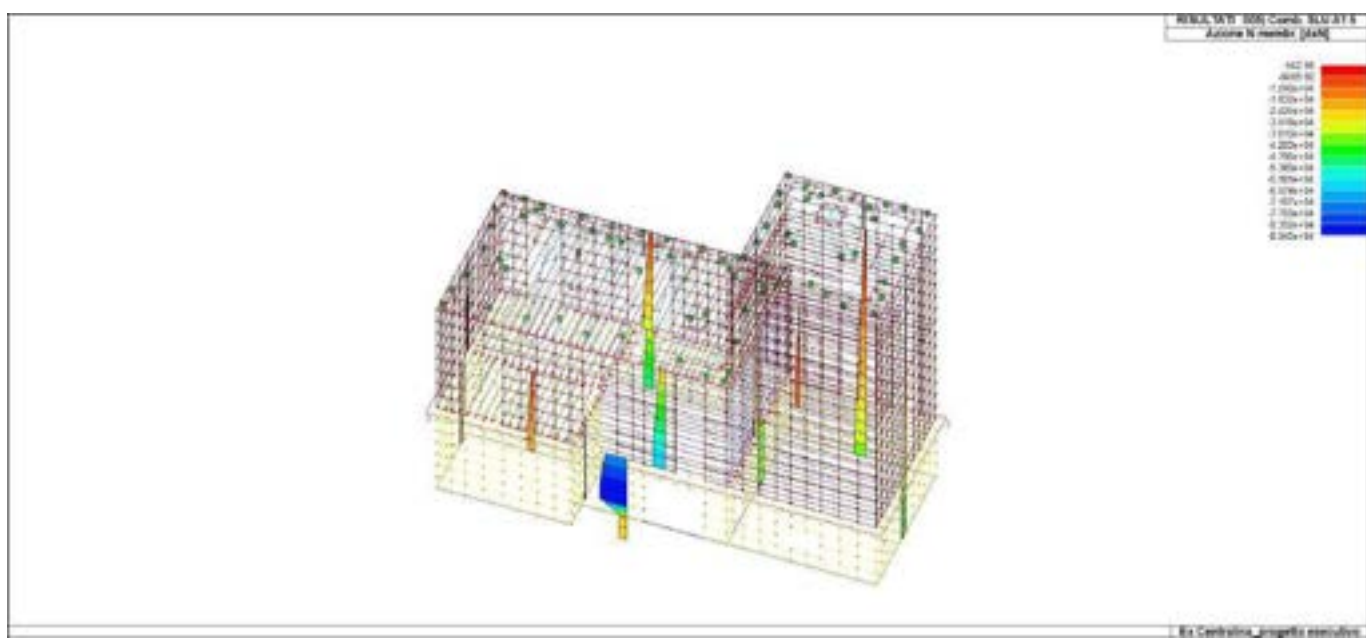
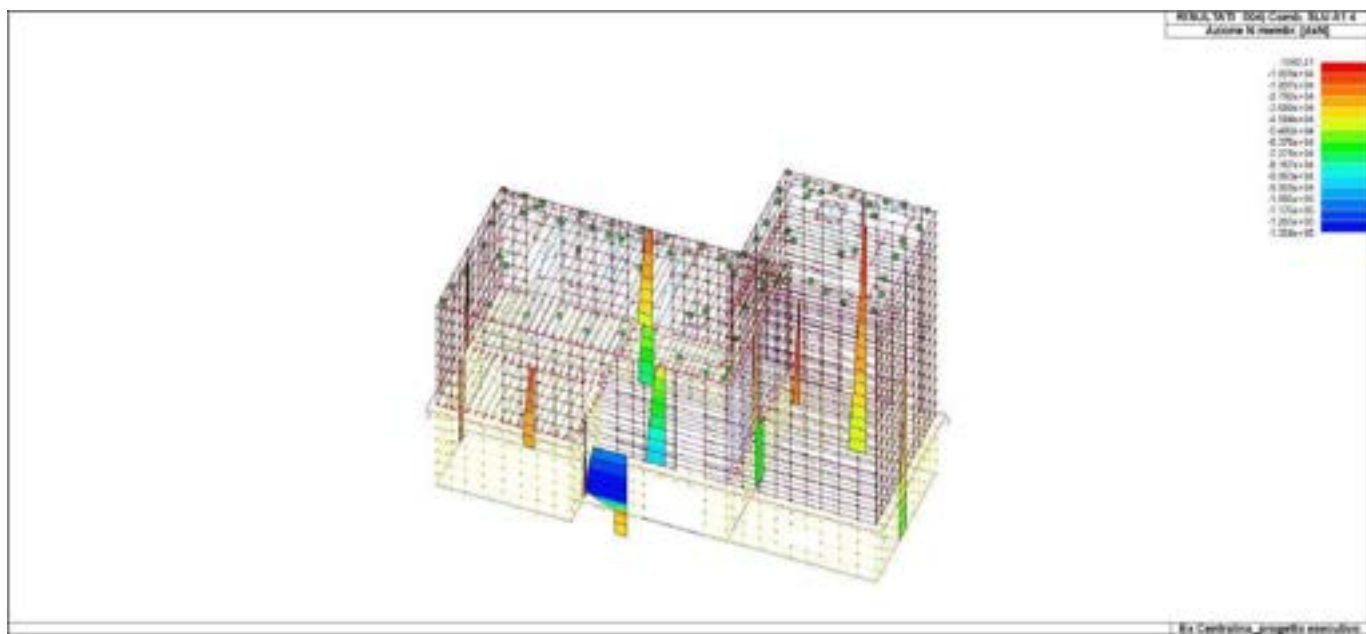
47_RIS_M_082_Comb SLErara 82

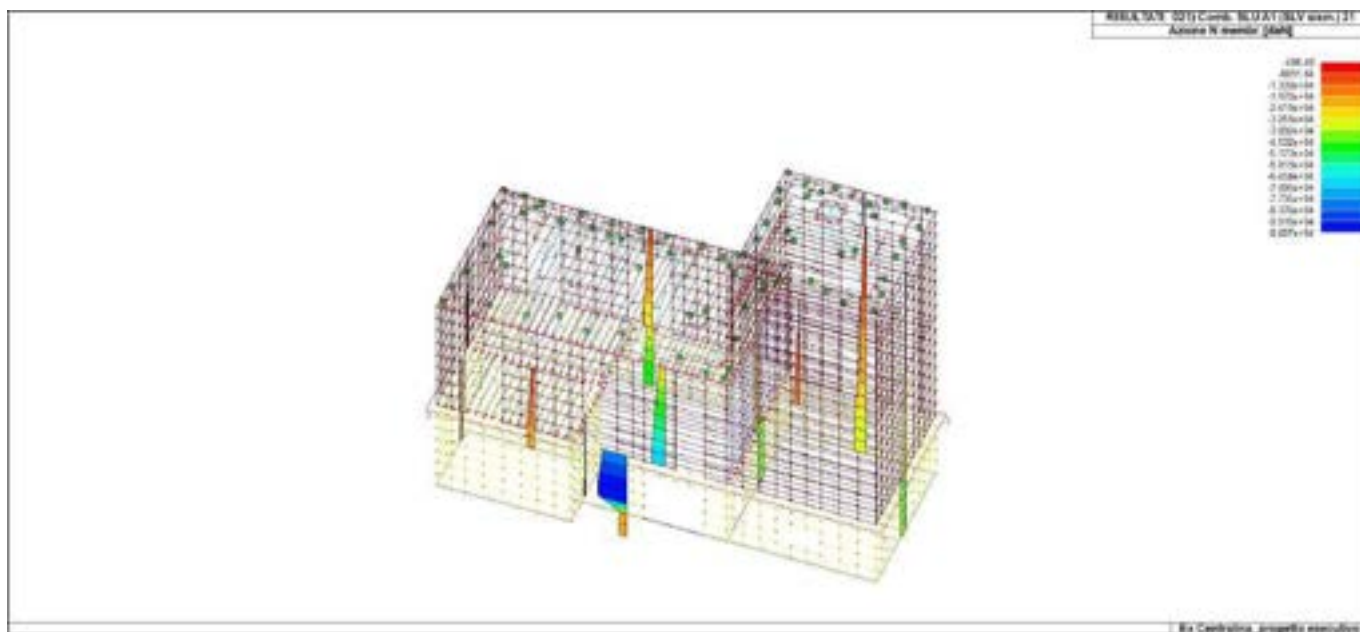


47_RIS_M_087_Comb SLEfreq 87

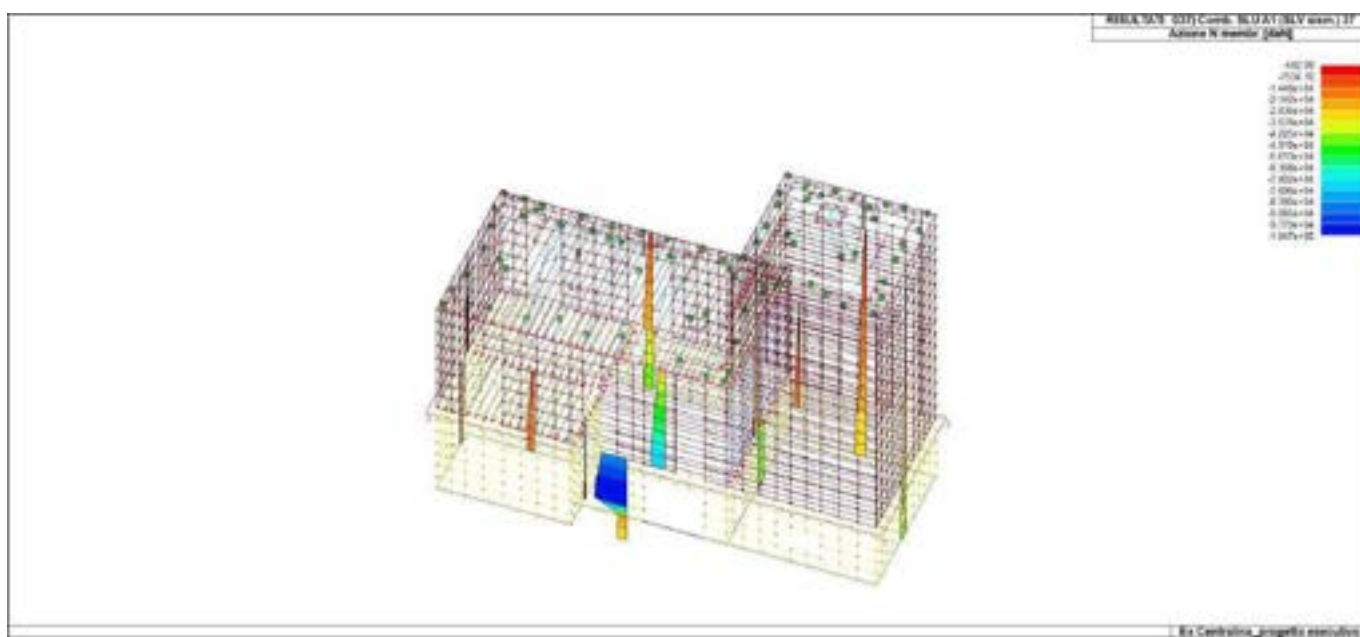


47_RIS_M_092_Comb SLEperm 92

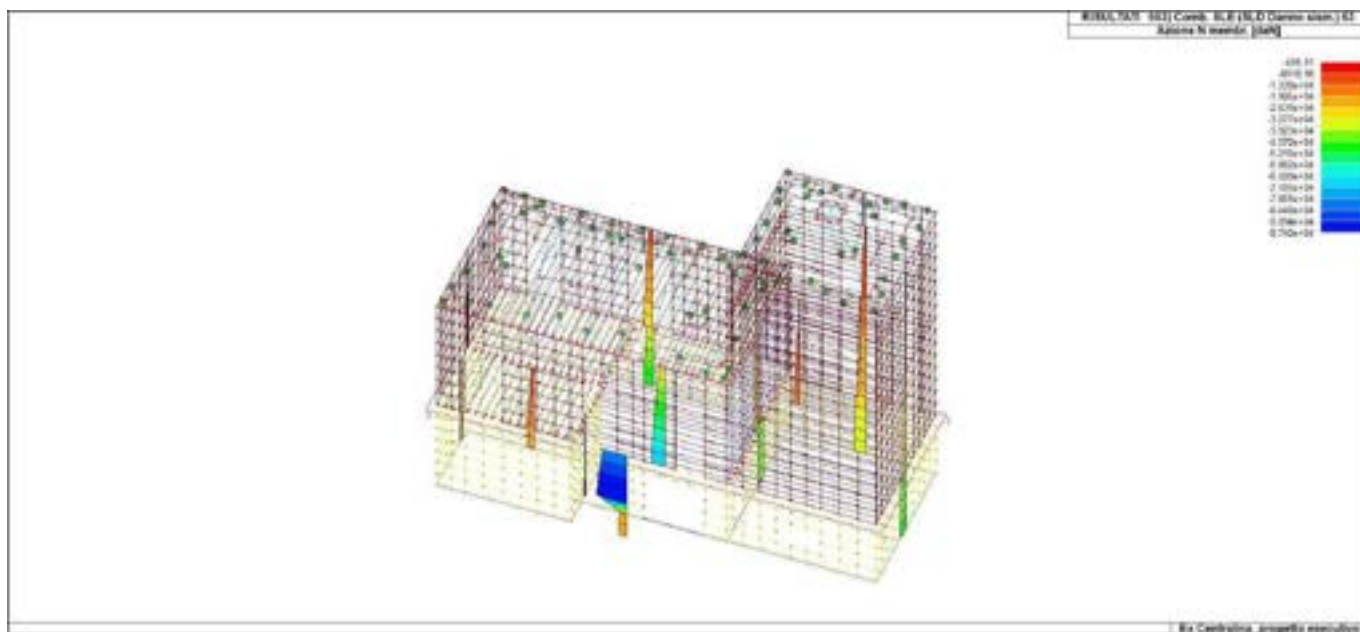




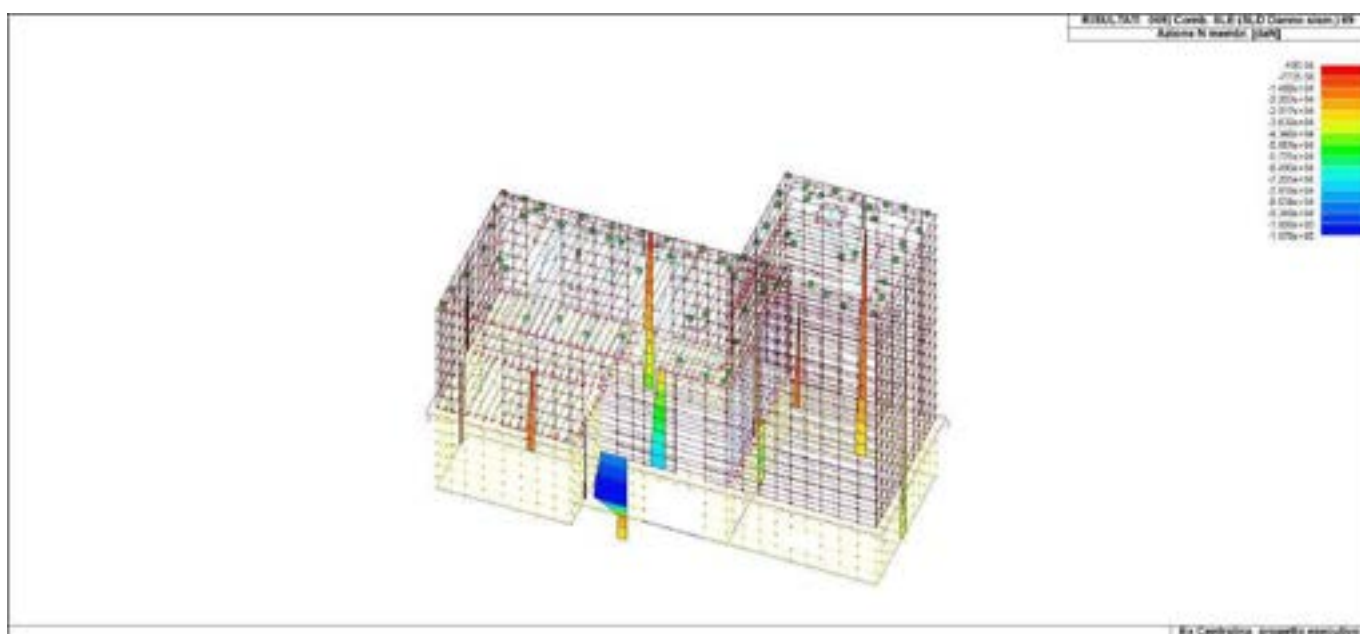
47_RIS_N_021_Comb SLU A1 SLV sism 21



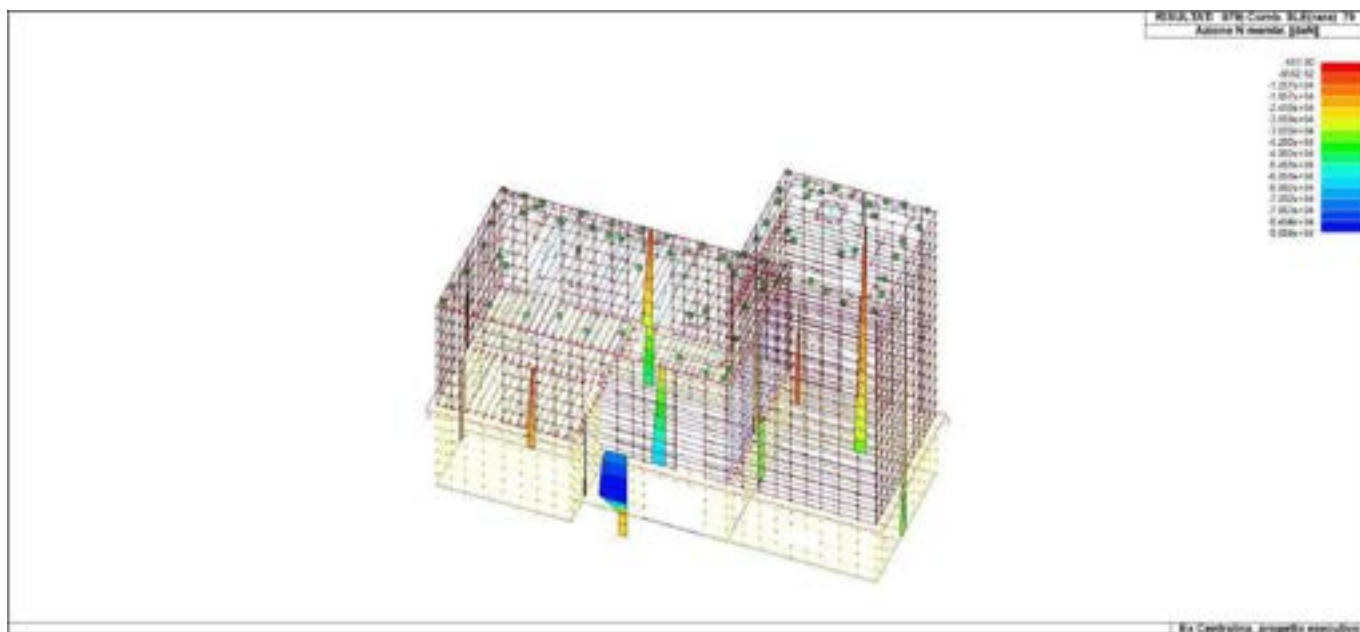
47_RIS_N_037_Comb SLU A1 SLV sism 37



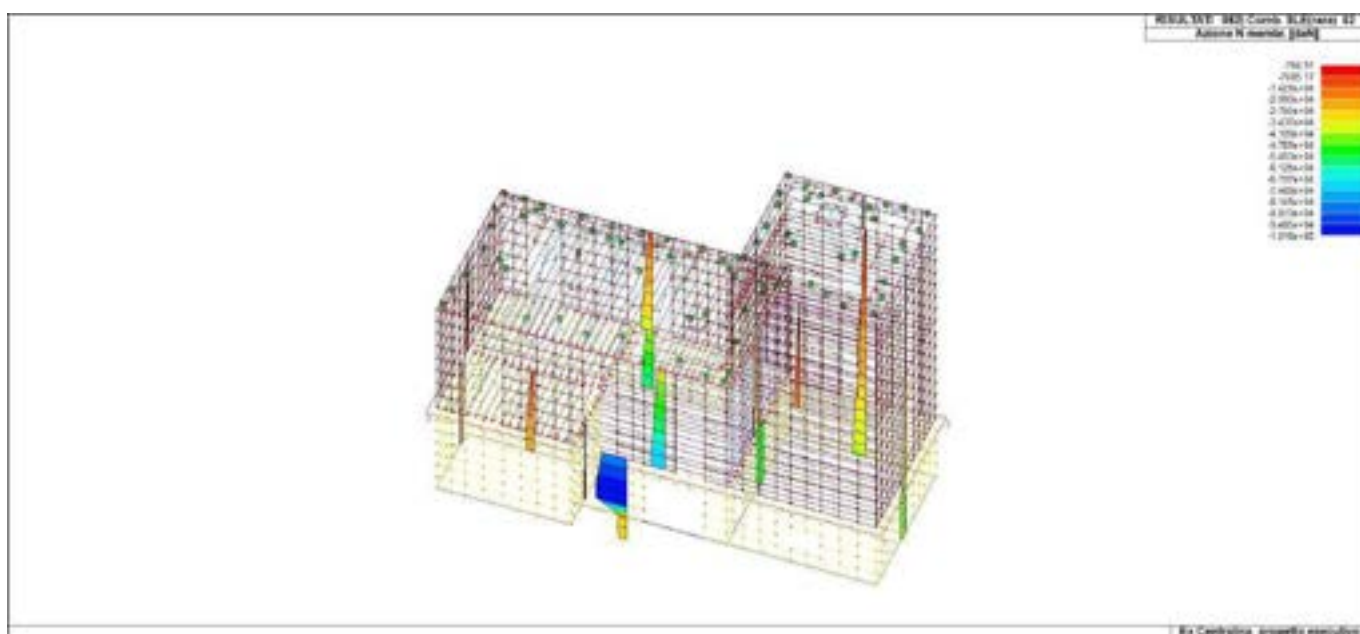
47_RIS_N_053_Comb SLE SLD Danno sism 53



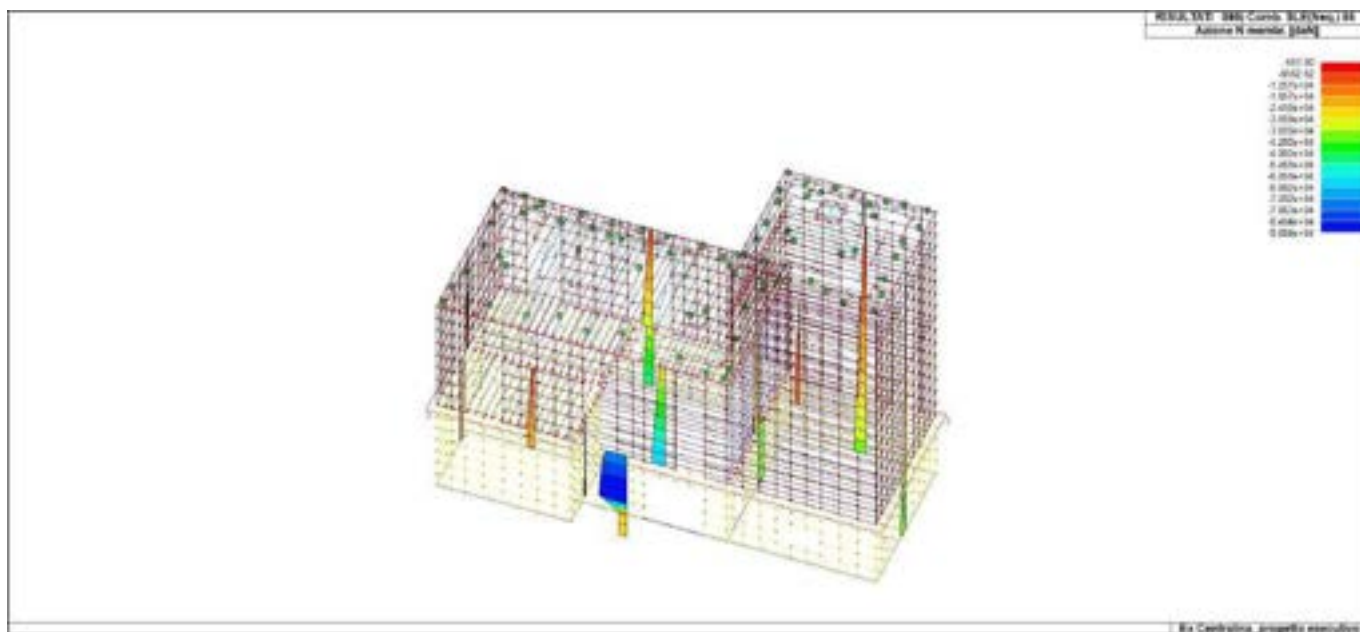
47_RIS_N_069_Comb SLE SLD Danno sism 69



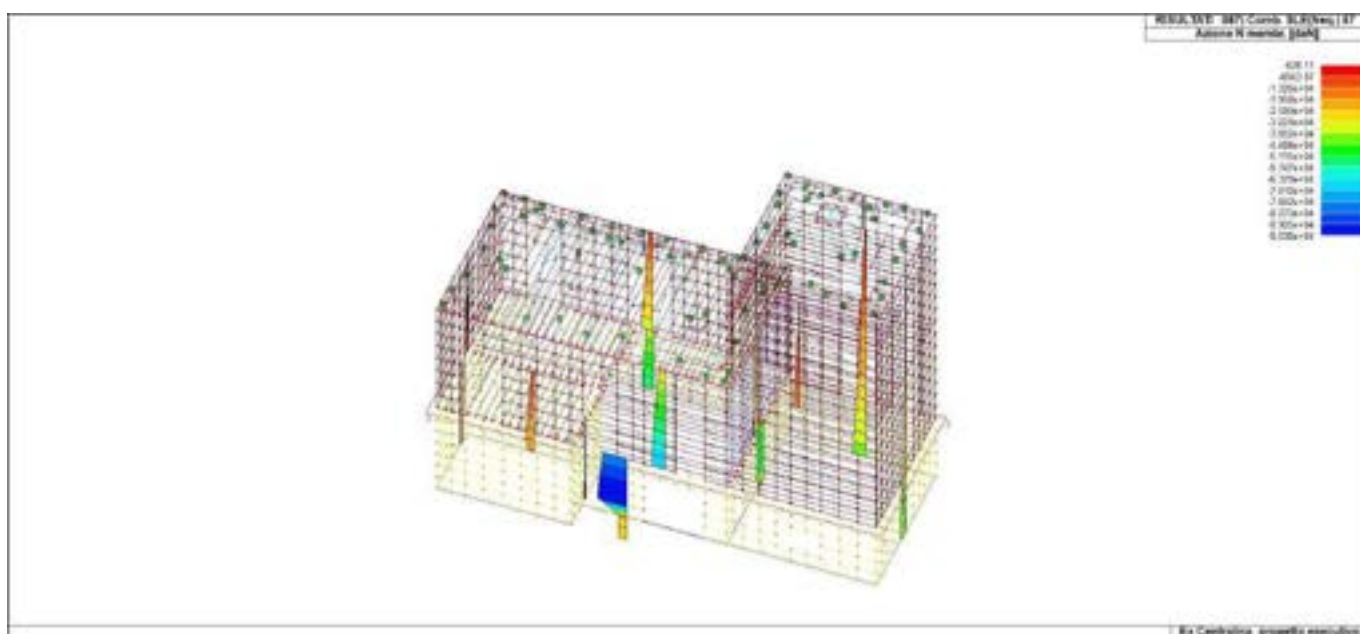
47_RIS_N_079_Comb SLerara 79



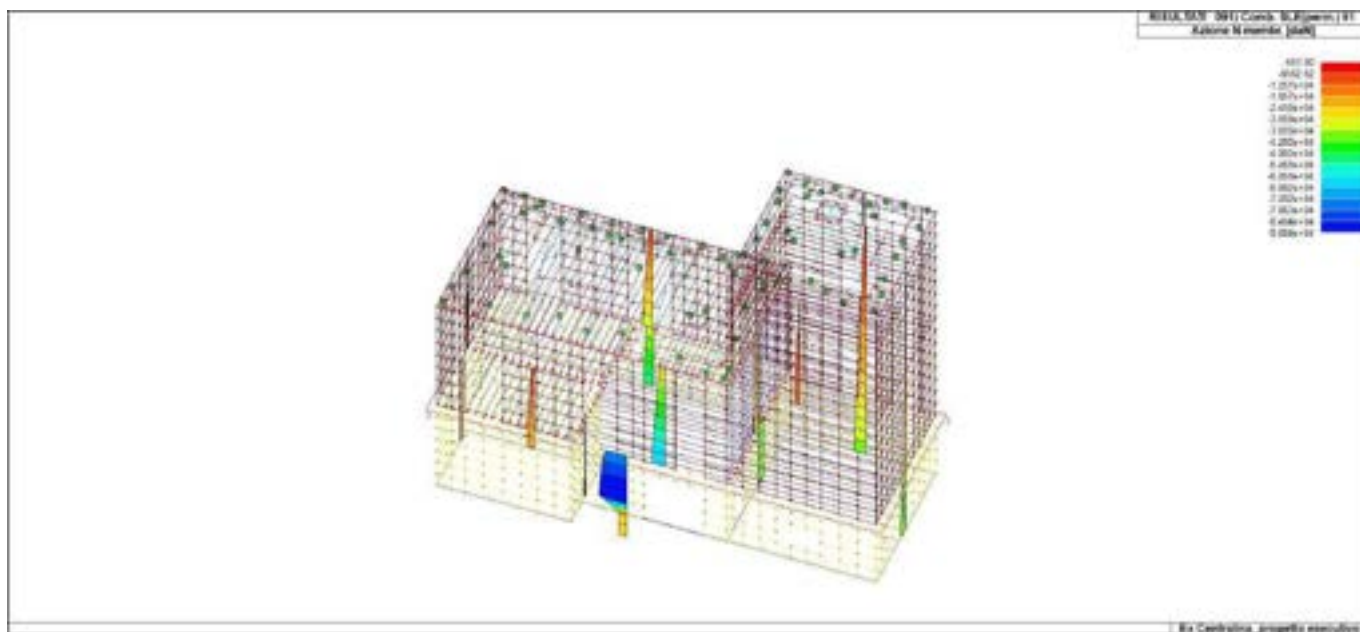
47_RIS_N_082_Comb SLerara 82



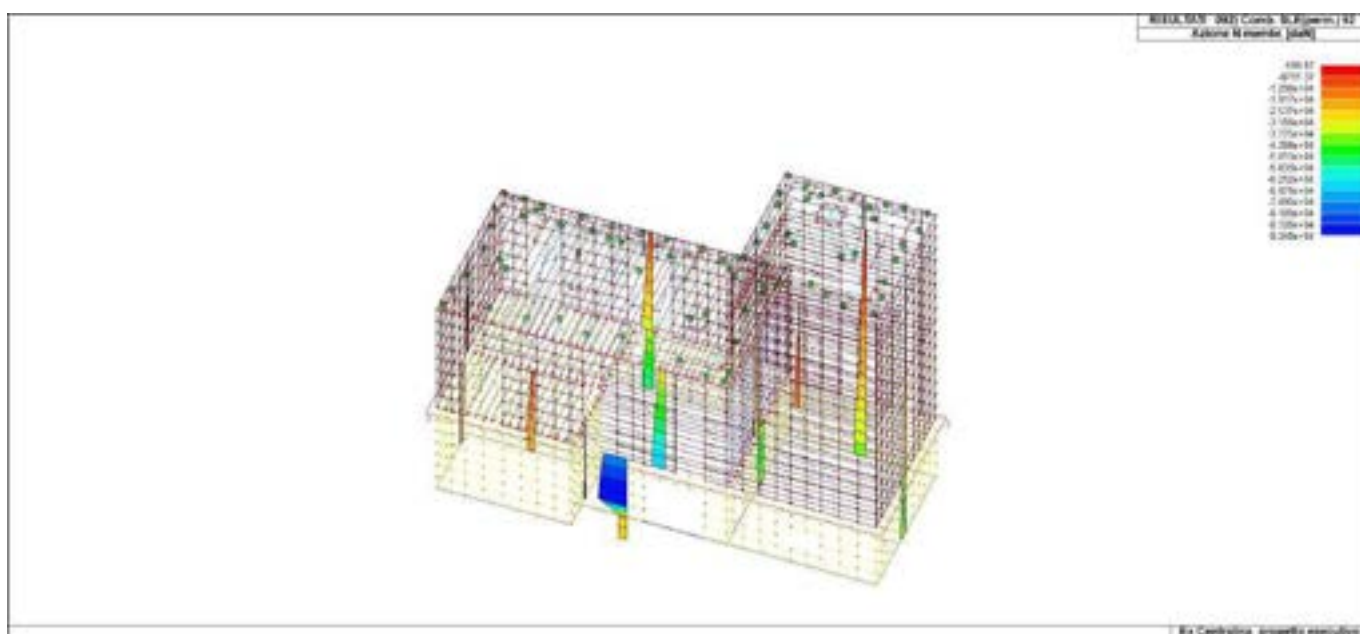
47_RIS_N_086_Comb SLEfreq 86



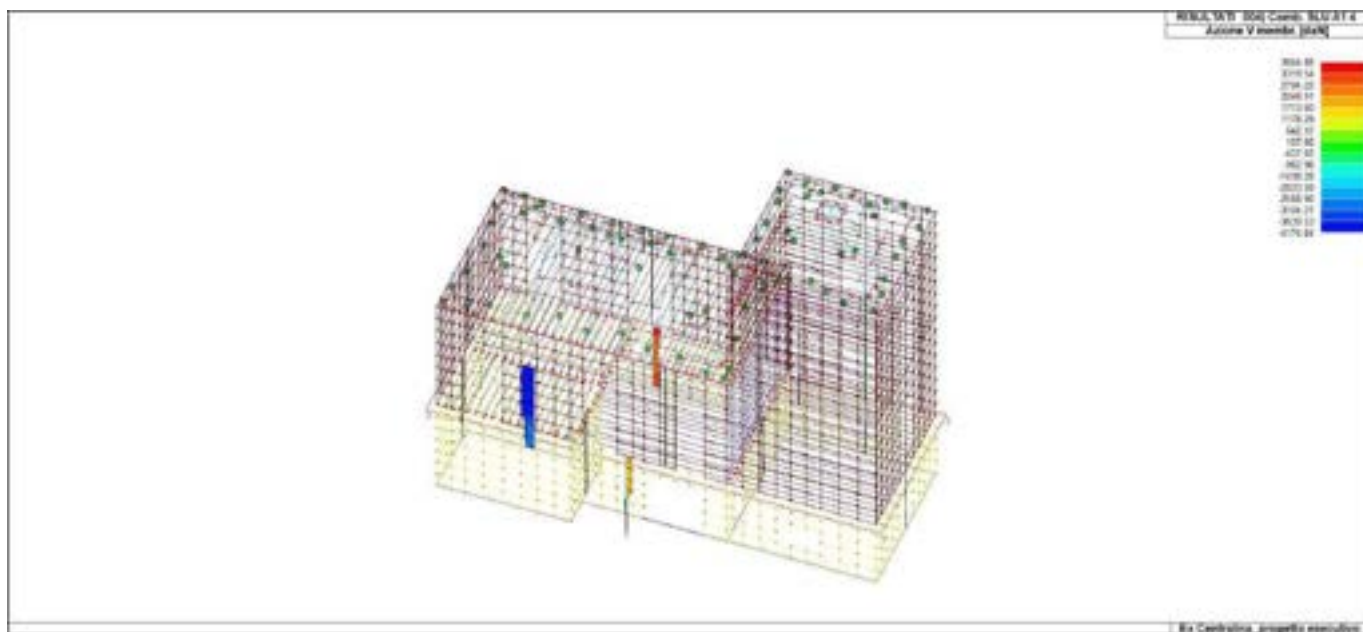
47_RIS_N_087_Comb SLEfreq 87



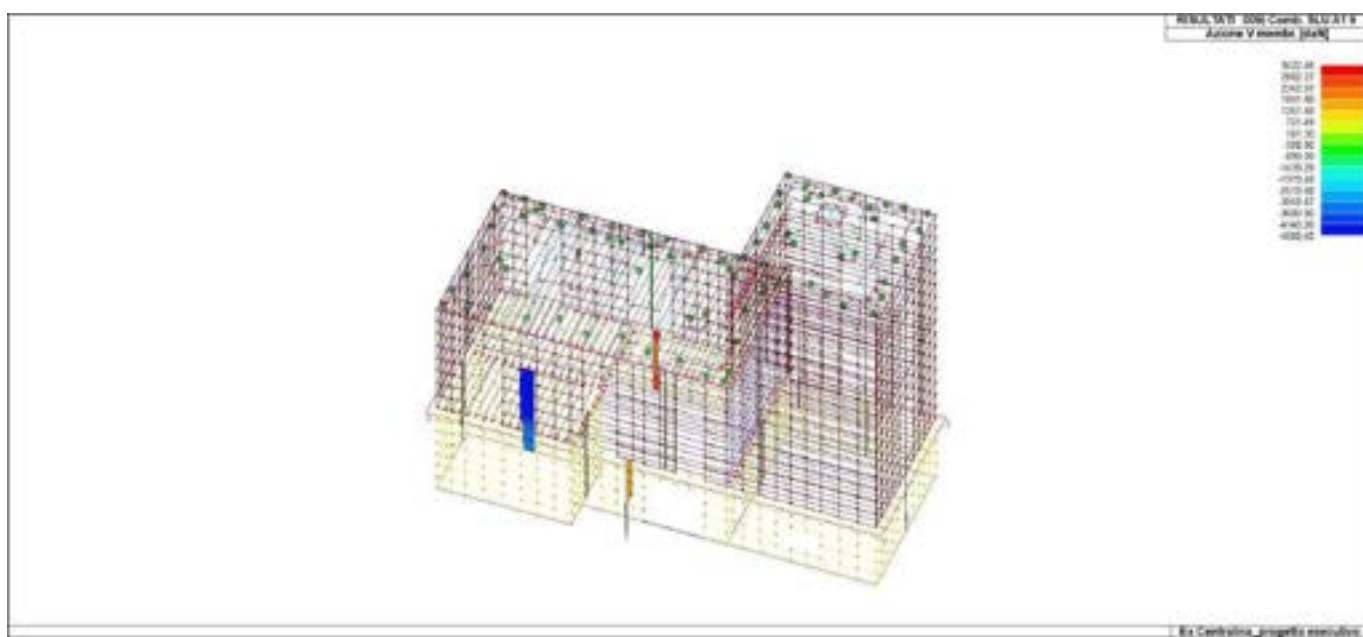
47_RIS_N_091_Comb SLEperm 91



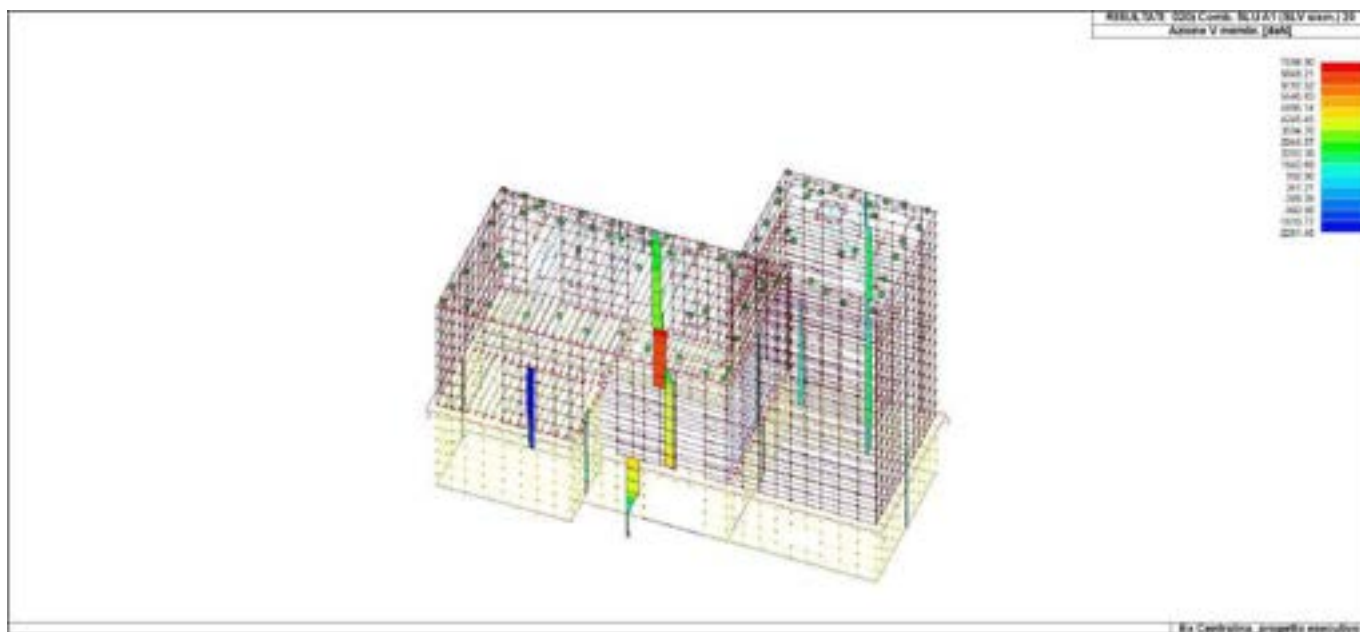
47_RIS_N_092_Comb SLEperm 92



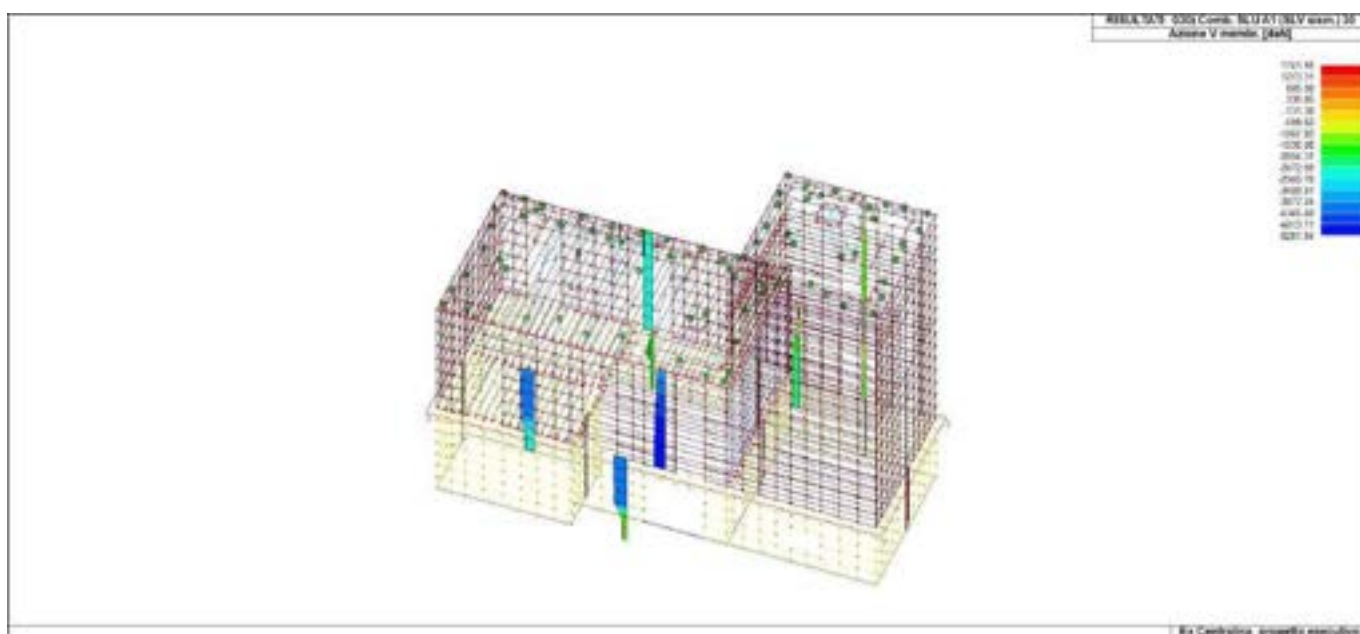
47_RIS_V_004_Comb SLU A1 4



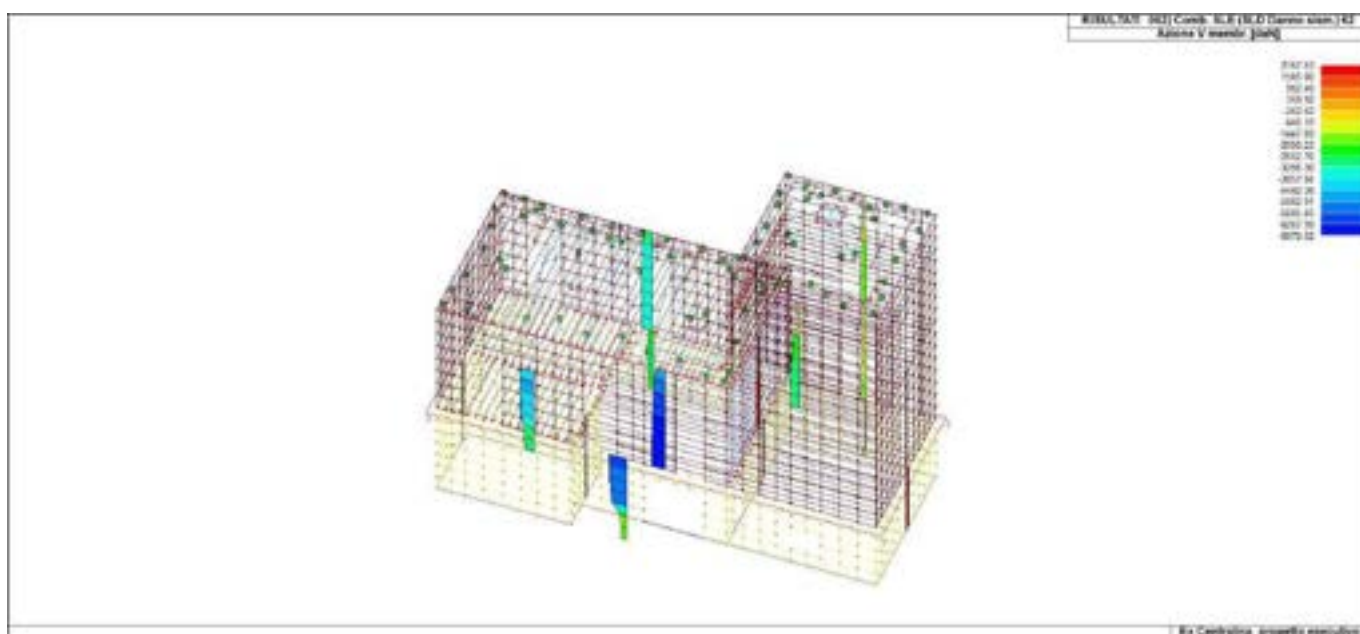
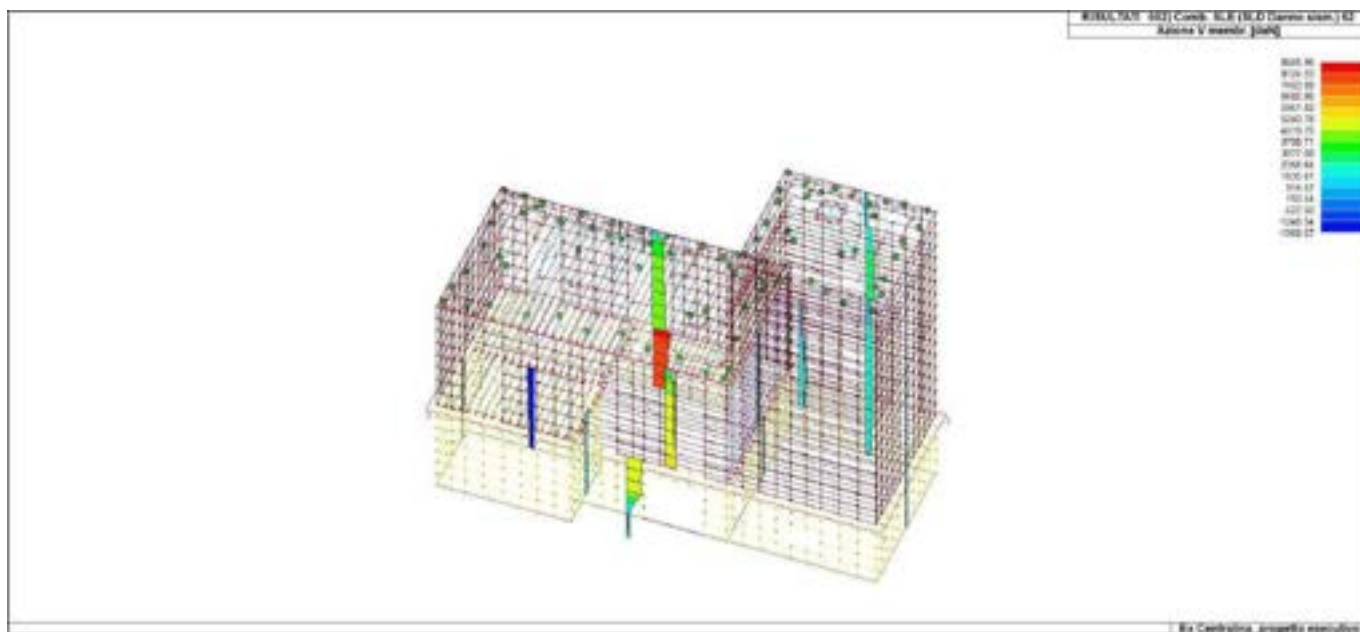
47_RIS_V_009_Comb SLU A1 9

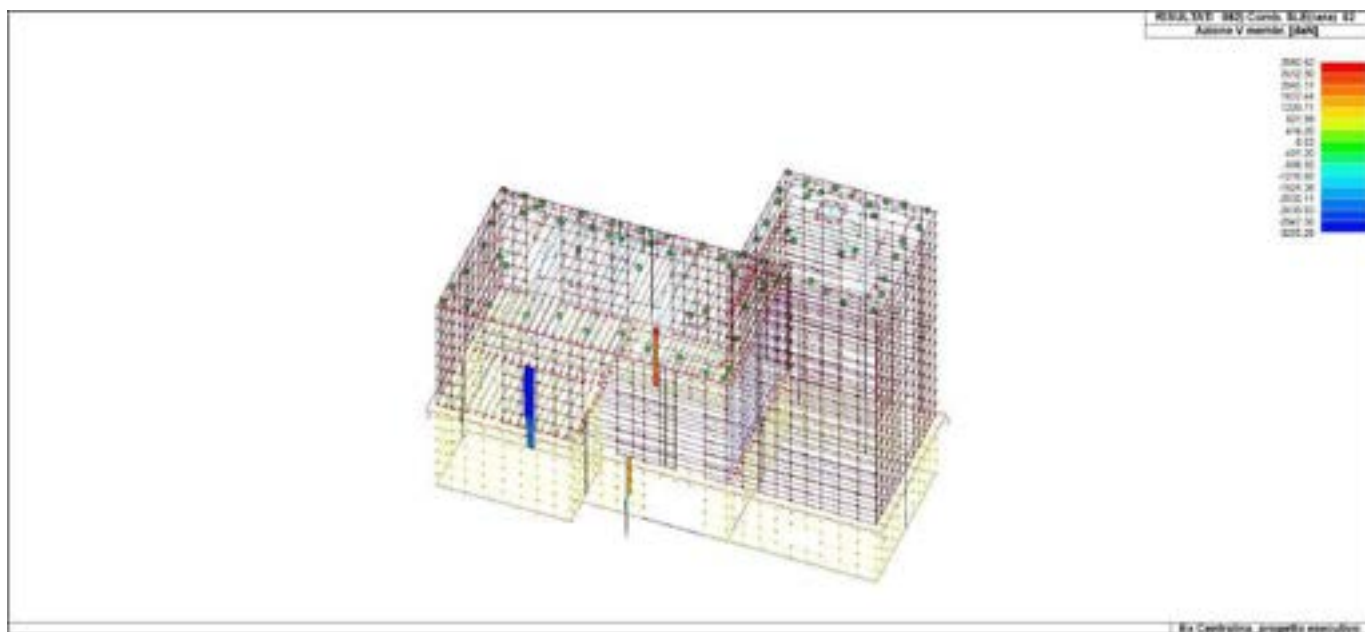


47_RIS_V_020_Comb SLU A1 SLV sism 20

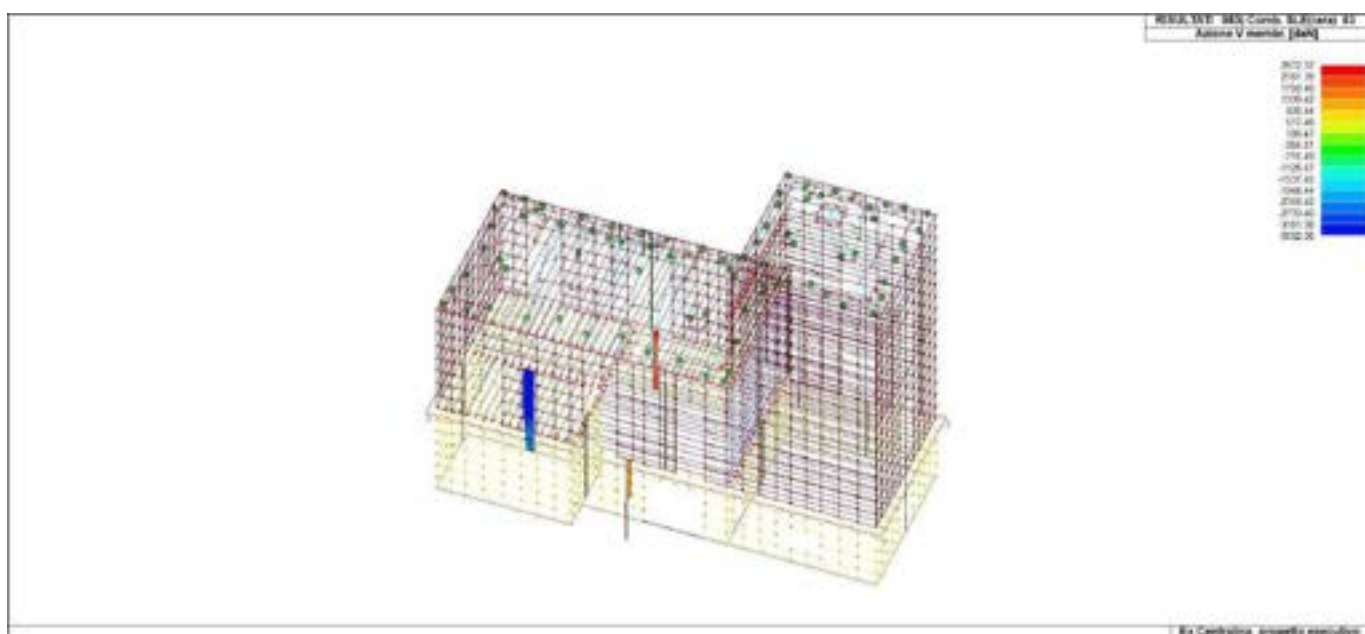


47_RIS_V_030_Comb SLU A1 SLV sism 30

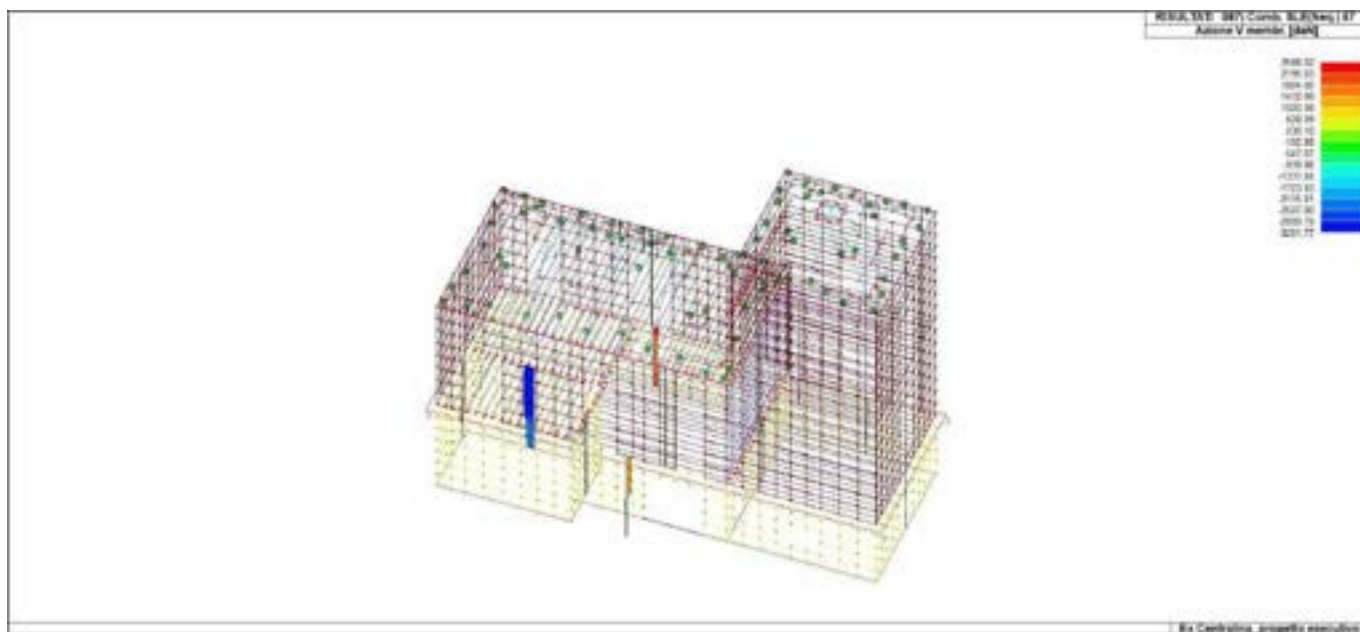




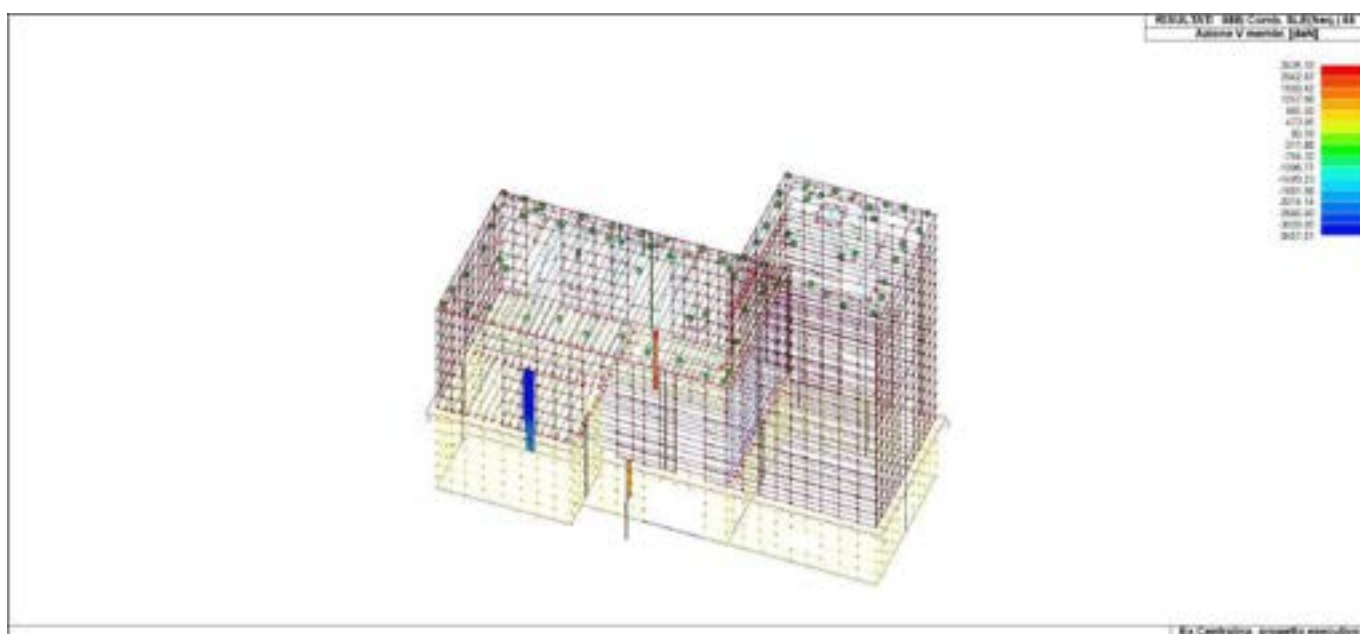
47_RIS_V_082_Comb SLerara 82



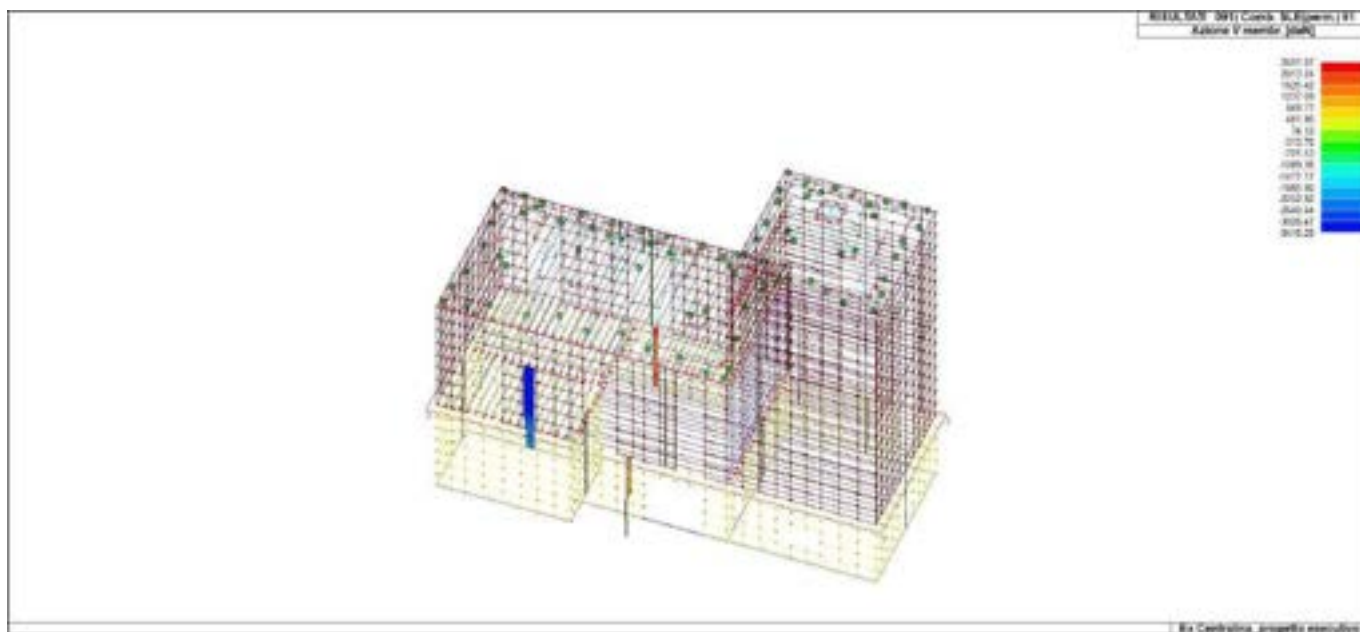
47_RIS_V_083_Comb SLerara 83



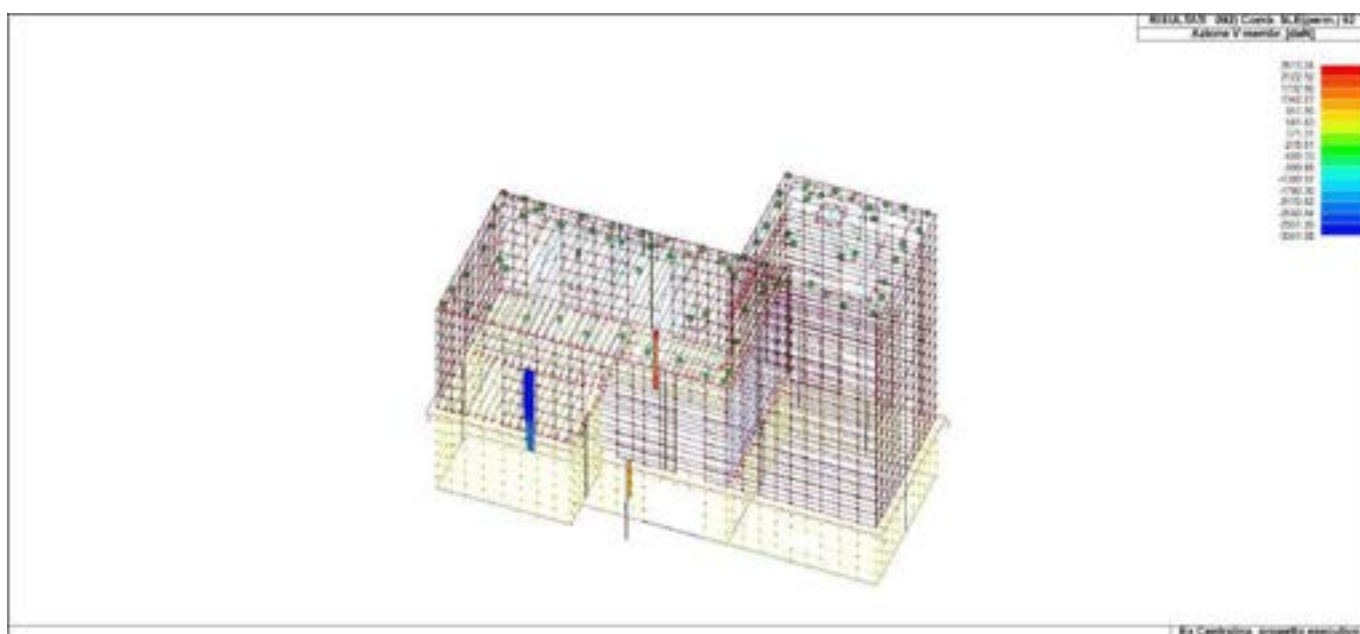
47_RIS_V_087_Comb SLEfreq 87



47_RIS_V_088_Comb SLEfreq 88



47_RIS_V_091_Comb SLEperm 91



47_RIS_V_092_Comb SLEperm 92

VERIFICHE ELEMENTI TRAVE E PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovreresistenza e del nodo.

Per gli elementi di fondazione si fa riferimento al paragrafo 7.2.5 del D.M.17/01/2018 che prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- *quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;*
- *[...];*
- *quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”*

[...]

Le strutture delle fondazioni superficiali devono essere progettate per le azioni definite al precedente capoverso, assumendo un comportamento non dissipativo; non sono quindi necessarie armature specifiche per ottenere un comportamento duttile.”

Nel caso di comportamento strutturale dissipativo l'incremento delle sollecitazioni sopracitato viene eseguito come previsto dall'Eurocodice:

$$E_{Fd} = E_{F,G} + \gamma_{Rd} \Omega E_{F,E}$$

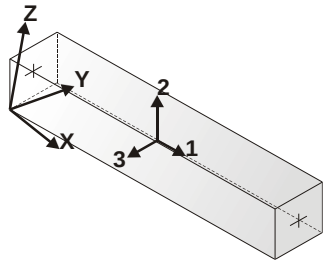
Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

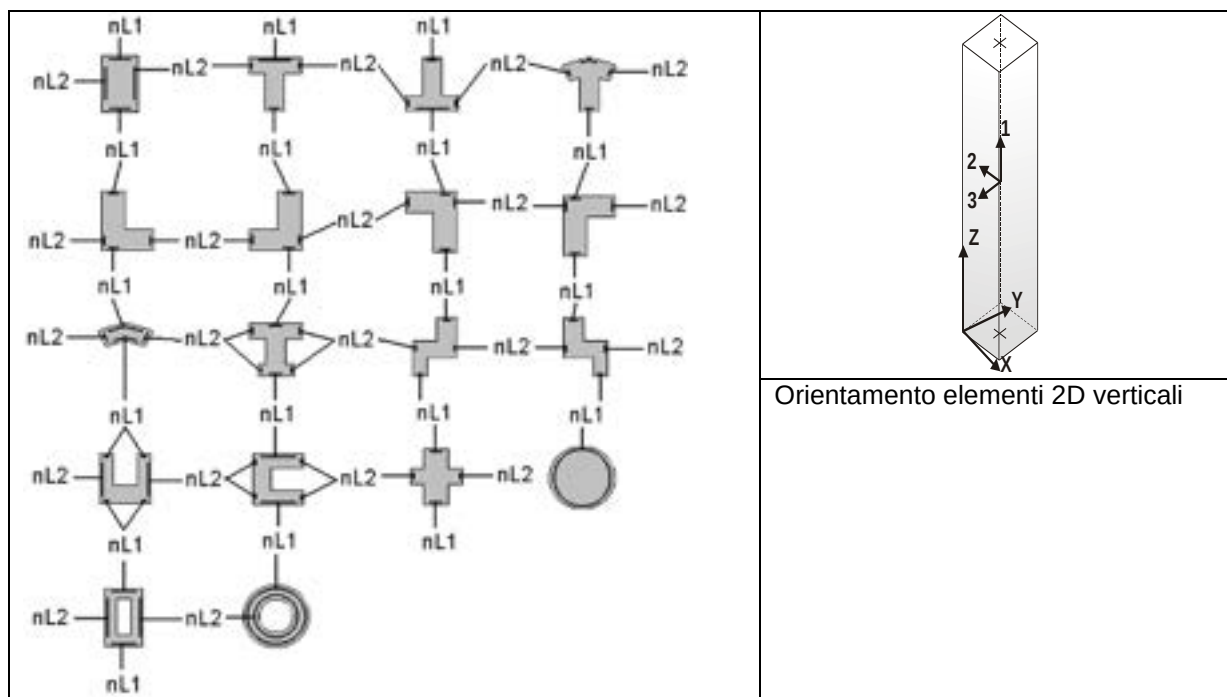
Simbologia adottata nelle tabelle di verifica

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali

				
	Orientamento verticali	elementi	2D	non



Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastata (P) e posizione in pianta (X,Y)
Pilas.	Numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	Numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in

	presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

**Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)**

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
d _{mu} _fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
c _{mu} _fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
B _{j2} (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
H _{jc2} (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V _{jbd} e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche dei nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a trazione
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione

N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione
ver. (-)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a compressione
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastri iniziale (P) e finale (P) (nodo in assenza di pilastri)
Trave	Numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	Rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:

Trave	Numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all'estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all'estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro
V. SLV	Codice relativo all'esito delle verifiche
Nodo	Numero identificativo del nodo di verifica
Ver. VC	Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00)
Direz.	Direzione di verifica
N fr	Valore di sforzo normale calcolato con fattore di comportamento fragile
V fr	Valore di taglio calcolato con fattore di comportamento fragile
M fr	Valore di momento calcolato con fattore di comportamento fragile

N dutt	Valore di sforzo normale calcolato con fattore di comportamento duttile
LV	Lunghezza di taglio
Mud,pl	Parte plastica della domanda di duttilità
V cic	Resistenza a taglio in condizioni cicliche (C8.7.2.8)
Cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

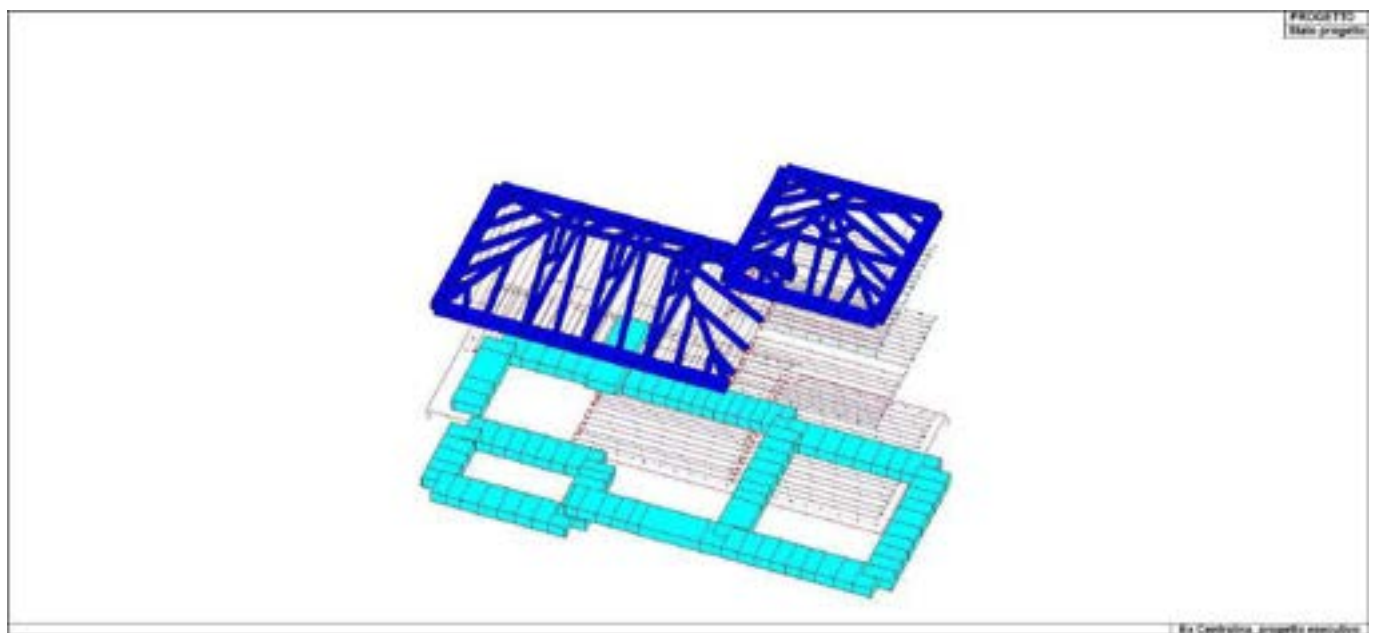
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M_T= 45		Z=-345.0		N=585		N=603		Staffe	Rif. cmb
							x/d	V N/M	V V/T cls	V V/T acc						
		cm													L=cm	
193	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.02				2d8/5 L=36	9,11,4	
	s=1,m=3	18.2	0.25	10.1	10.1	0.0	0.09	0.02	0.01	5.16e-03			2d8/5 L=36	9,9,3		
		36.5	0.25	10.1	10.1	0.0	0.09	0.02	0.02	0.01			2d8/5 L=36	9,9,4		
192	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.03	0.03			2d8/5 L=36	9,4,4		
	s=1,m=3	18.2	0.25	10.1	10.1	0.0	0.09	0.03	0.01	8.49e-03			2d8/5 L=36	11,11,3		
		36.5	0.25	10.1	10.1	0.0	0.09	0.03	0.02	0.01			2d8/5 L=36	11,9,11		
191	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.03			2d8/5 L=55	11,4,4		
	s=1,m=3	27.5	0.25	10.1	10.1	0.0	0.09	0.05	0.01	3.28e-03			2d8/5 L=55	4,4,3		
		55.0	0.25	10.1	10.1	0.0	0.09	0.04	0.03	0.03			2d8/5 L=55	4,11,4		
190	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.02	0.02			2d8/5 L=55	4,4,4		
	s=1,m=3	27.5	0.25	10.1	10.1	0.0	0.09	0.04	0.01	9.04e-03			2d8/5 L=55	4,9,11		
		55.0	0.25	10.1	10.1	0.0	0.09	0.01	0.04	0.04			2d8/5 L=55	3,11,4		
189	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.02	0.01			2d8/5 L=37	3,11,4		
	s=1,m=3	18.8	0.25	10.1	10.1	0.0	0.09	0.02	0.01	9.65e-03			2d8/5 L=37	3,11,4		
		37.5	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03			2d8/5 L=37	23,4,4		
188	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.02	0.02			2d8/5 L=37	23,11,4		
	s=1,m=3	18.8	0.25	10.1	10.1	0.0	0.09	0.01	8.89e-03	3.64e-03			2d8/5 L=37	36,27,4		
		37.5	0.25	10.1	10.1	0.0	0.09	0.02	0.02	0.03			2d8/5 L=37	31,4,4		
M_T= 46 Z=-345.0 N=602 N=620																
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc				Staffe	Rif. cmb	
194	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	2.18e-03	0.03	0.02			2d8/5 L=50	9,9,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.01	0.02	3.08e-03			2d8/5 L=50	11,9,3		
		49.7	0.25	10.1	10.1	0.0	0.09	5.74e-03	0.03	0.03			2d8/5 L=50	3,11,4		
195	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	5.77e-03	0.03	0.02			2d8/5 L=50	3,9,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	9.40e-03	0.01	2.40e-03			2d8/5 L=50	9,9,3		
		49.7	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03			2d8/5 L=50	3,11,4		
196	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.02			2d8/5 L=50	3,9,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	5.25e-03	0.01	2.92e-03			2d8/5 L=50	9,9,4		
		49.7	0.25	10.1	10.1	0.0	0.09	0.02	0.03	0.03			2d8/5 L=50	3,11,4		
197	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.02	0.02			2d8/5 L=50	3,9,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	7.68e-03	0.01	4.16e-03			2d8/5 L=50	3,9,4		
		49.7	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.03			2d8/5 L=50	3,11,4		
198	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.02	0.02			2d8/5 L=50	3,11,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.02	0.01	5.41e-03			2d8/5 L=50	31,9,11		
		49.7	0.25	10.1	10.1	0.0	0.09	0.04	0.03	0.03			2d8/5 L=50	4,11,4		
199	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.02	0.02			2d8/5 L=50	4,11,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.03	0.01	5.52e-03			2d8/5 L=50	31,9,9		
		49.7	0.25	10.1	10.1	0.0	0.09	0.05	0.03	0.03			2d8/5 L=50	4,11,4		
200	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.02	0.03			2d8/5 L=50	31,11,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.04	7.09e-03	2.28e-03			2d8/5 L=50	31,9,9		
		49.7	0.25	10.1	10.1	0.0	0.09	0.06	0.02	0.03			2d8/5 L=50	31,11,4		
201	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.06	0.03	0.03			2d8/5 L=50	31,4,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.04	8.96e-03	8.51e-03			2d8/5 L=50	31,11,3		
		49.7	0.25	10.1	10.1	0.0	0.09	0.04	0.01	0.02			2d8/5 L=50	31,11,4		
202	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.04	0.05			2d8/5 L=50	31,4,4		
	s=1,m=3	24.8	0.25	10.1	10.1	0.0	0.09	0.02	0.02	0.02			2d8/5 L=50	21,11,4		
		49.7	0.25	10.1	10.1	0.0	0.09	0.03	5.82e-03	3.83e-03			2d8/5 L=50	18,31,31		
M_T= 48 Z=-345.0 N=585 N=600																
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc				Staffe	Rif. cmb	
205	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03			2d8/5 L=56	24,9,4		
	s=1,m=3	28.2	0.25	10.1	10.1	0.0	0.09	0.02	0.02	7.62e-03			2d8/5 L=56	44,9,4		
		56.3	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04			2d8/5 L=56	27,9,4		
206	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.03			2d8/5 L=56	27,9,4		
	s=1,m=3	28.2	0.25	10.1	10.1	0.0	0.09	0.01	0.01	4.13e-03			2d8/5 L=56	27,36,4		
		56.3	0.25	10.1	10.1	0.0	0.09	0.04	0.03	0.04			2d8/5 L=56	27,9,4		
207	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.04			2d8/5 L=56	24,4,4		

	s=1,m=3	28.2	0.25	10.1	10.1	0.0	0.09	0.01	0.01	7.93e-04	2d8/5 L=56	24,31,34
		56.3	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.04	2d8/5 L=56	24,4,4
208	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=56	4,4,4
	s=1,m=3	28.2	0.25	10.1	10.1	0.0	0.09	9.65e-03	0.01	2.58e-03	2d8/5 L=56	34,31,11
		56.3	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.04	2d8/5 L=56	4,4,4
209	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=63	4,4,4
	s=1,m=3	31.6	0.25	10.1	10.1	0.0	0.09	0.02	0.01	2.09e-03	2d8/5 L=63	34,31,11
		63.2	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.04	2d8/5 L=63	4,4,4
210	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.04	2d8/5 L=63	4,4,4
	s=1,m=3	31.6	0.25	10.1	10.1	0.0	0.09	0.02	0.02	2.18e-03	2d8/5 L=63	34,31,35
		63.2	0.25	10.1	10.1	0.0	0.09	0.02	0.05	0.04	2d8/5 L=63	3,4,4
211	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.03	2d8/5 L=48	3,4,4
	s=1,m=3	23.8	0.25	10.1	10.1	0.0	0.09	7.43e-03	0.02	2.59e-03	2d8/5 L=48	3,31,31
		47.6	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.03	2d8/5 L=48	3,4,4
212	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=48	3,4,4
	s=1,m=3	23.8	0.25	10.1	10.1	0.0	0.09	8.34e-03	0.02	2.95e-03	2d8/5 L=48	38,4,4
		47.6	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.03	2d8/5 L=48	37,4,4
M_T= 49 Z=-345.0 N=600 N=620												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
217	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	3.60e-03	0.06	0.05	2d8/5 L=56	31,4,4
	s=1,m=3	27.8	0.25	10.1	10.1	0.0	0.09	0.05	0.04	0.02	2d8/5 L=56	4,4,4
		55.7	0.25	10.1	10.1	0.0	0.09	0.06	0.02	4.88e-03	2d8/5 L=56	4,4,31
216	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.06	0.04	0.03	2d8/5 L=56	4,4,4
	s=1,m=3	27.8	0.25	10.1	10.1	0.0	0.09	0.09	0.02	4.60e-03	2d8/5 L=56	4,4,34
		55.7	0.25	10.1	10.1	0.0	0.09	0.07	0.04	0.03	2d8/5 L=56	4,4,4
215	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.01	2d8/5 L=56	4,4,11
	s=1,m=3	27.8	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.02	2d8/5 L=56	4,4,4
		55.7	0.25	10.1	10.1	0.0	0.09	0.03	0.05	0.05	2d8/5 L=56	4,4,4
214	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.01	2d8/5 L=45	34,4,9
	s=1,m=3	22.8	0.25	10.1	10.1	0.0	0.09	0.02	0.03	0.02	2d8/5 L=45	34,4,4
		45.5	0.25	10.1	10.1	0.0	0.09	0.01	0.05	0.05	2d8/5 L=45	9,4,4
213	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.02	2d8/5 L=45	24,4,11
	s=1,m=3	22.8	0.25	10.1	10.1	0.0	0.09	7.25e-03	0.02	6.58e-03	2d8/5 L=45	24,4,4
		45.5	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=45	27,4,4
M_T= 9 Z=-245.0 N=23 N=29												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
97	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.29	0.10	0.10	2d8/5 L=41	4,4,4
	s=1,m=3	20.5	0.25	10.1	10.1	0.0	0.09	0.21	0.08	0.07	2d8/5 L=41	4,4,4
		41.0	0.25	10.1	10.1	0.0	0.09	0.17	0.06	0.04	2d8/5 L=41	43,4,4
96	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.16	0.11	0.12	2d8/5 L=41	43,4,4
	s=1,m=3	20.5	0.25	10.1	10.1	0.0	0.09	0.09	0.08	0.08	2d8/5 L=41	19,4,4
		41.0	0.25	10.1	10.1	0.0	0.09	0.04	0.05	0.04	2d8/5 L=41	19,4,4
95	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.09	0.11	2d8/5 L=39	19,4,4
	s=1,m=3	19.5	0.25	10.1	10.1	0.0	0.09	0.08	0.07	0.07	2d8/5 L=39	11,4,4
		39.0	0.25	10.1	10.1	0.0	0.09	0.13	0.04	0.04	2d8/5 L=39	4,4,4
94	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.13	0.06	0.06	2d8/5 L=39	4,4,4
	s=1,m=3	19.5	0.25	10.1	10.1	0.0	0.09	0.17	0.04	0.03	2d8/5 L=39	4,46,46
		39.0	0.25	10.1	10.1	0.0	0.09	0.18	0.02	0.01	2d8/5 L=39	4,4,19
267	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.17	0.03	0.02	2d8/5 L=39	4,46,46
	s=1,m=3	19.5	0.25	10.1	10.1	0.0	0.09	0.17	0.03	0.02	2d8/5 L=39	4,4,19
		39.0	0.25	10.1	10.1	0.0	0.09	0.14	0.05	0.05	2d8/5 L=39	4,4,11
235	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.14	0.02	6.48e-03	2d8/5 L=39	4,4,11
	s=1,m=3	19.3	0.25	10.1	10.1	0.0	0.09	0.12	0.04	0.04	2d8/5 L=39	4,4,4
		38.7	0.25	10.1	10.1	0.0	0.09	0.08	0.06	0.07	2d8/5 L=39	3,4,4
234	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.08	0.02	4.14e-03	2d8/5 L=39	3,46,22
	s=1,m=3	19.3	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.03	2d8/5 L=39	3,4,4
		38.7	0.25	10.1	10.1	0.0	0.09	0.03	0.05	0.06	2d8/5 L=39	3,4,4
233	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.02	0.01	2d8/5 L=39	3,4,22
	s=1,m=3	19.3	0.25	10.1	10.1	0.0	0.09	0.03	0.02	0.02	2d8/5 L=39	3,4,4
		38.7	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.04	2d8/5 L=39	31,4,4
232	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.02	2d8/5 L=40	31,4,11
	s=1,m=3	20.0	0.25	10.1	10.1	0.0	0.09	0.01	0.02	6.79e-03	2d8/5 L=40	3,4,39
		40.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03	2d8/5 L=40	31,4,4
231	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03	2d8/5 L=40	31,4,11
	s=1,m=3	20.0	0.25	10.1	10.1	0.0	0.09	6.63e-03	0.01	2.82e-03	2d8/5 L=40	3,42,46
		40.0	0.25	10.1	10.1	0.0	0.09	7.90e-03	0.03	0.03	2d8/5 L=40	31,4,4
230	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	7.85e-03	0.04	0.04	2d8/5 L=49	9,4,11
	s=1,m=3	24.5	0.25	10.1	10.1	0.0	0.09	0.02	0.01	3.24e-03	2d8/5 L=49	4,46,9
		49.0	0.25	10.1	10.1	0.0	0.09	4.95e-03	0.03	0.03	2d8/5 L=49	34,4,4
229	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	4.96e-03	0.03	0.03	2d8/5 L=49	32,4,11
	s=1,m=3	24.5	0.25	10.1	10.1	0.0	0.09	0.02	0.01	1.82e-03	2d8/5 L=49	4,40,19
		49.0	0.25	10.1	10.1	0.0	0.09	4.76e-03	0.04	0.03	2d8/5 L=49	38,4,4
228	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	4.64e-03	0.03	0.03	2d8/5 L=49	42,4,4
	s=1,m=3	24.5	0.25	10.1	10.1	0.0	0.09	9.14e-03	0.02	5.38e-03	2d8/5 L=49	9,40,4
		49.0	0.25	10.1	10.1	0.0	0.09	0.01	0.04	0.04	2d8/5 L=49	4,4,4
227	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.03	0.03	2d8/5 L=55	39,4,4
	s=1,m=3	27.6	0.25	10.1	10.1	0.0	0.09	6.95e-03	0.02	7.78e-03	2d8/5 L=55	31,4,4

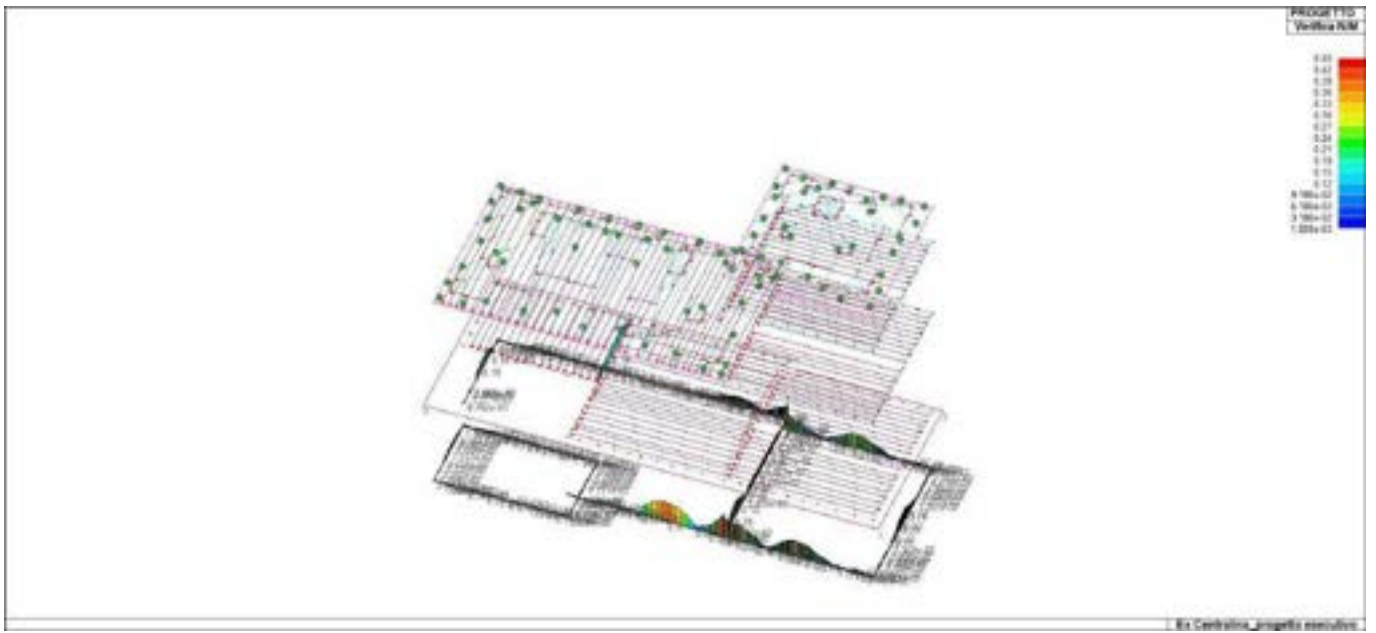
		55.2	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=55	4,4,4
226	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.03	2d8/5 L=55	4,4,4
	s=1,m=3	27.6	0.25	10.1	10.1	0.0	0.09	0.02	0.02	5.91e-03	2d8/5 L=55	37,40,15
		55.2	0.25	10.1	10.1	0.0	0.09	0.05	0.04	0.04	2d8/5 L=55	4,4,4
225	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.05	0.04	2d8/5 L=55	4,4,4
	s=1,m=3	27.6	0.25	10.1	10.1	0.0	0.09	0.03	0.03	6.64e-03	2d8/5 L=55	31,42,18
		55.2	0.25	10.1	10.1	0.0	0.09	0.04	0.04	0.03	2d8/5 L=55	31,11,4
224	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.06	0.05	2d8/5 L=55	31,4,4
	s=1,m=3	27.6	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.02	2d8/5 L=55	21,11,4
		55.2	0.25	10.1	10.1	0.0	0.09	0.03	0.03	7.63e-03	2d8/5 L=55	21,11,4
223	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.02	0.06	0.05	2d8/5 L=58	1,11,4
	s=1,m=3	29.2	0.25	10.1	10.1	0.0	0.09	0.07	0.04	0.02	2d8/5 L=58	4,11,4
		58.5	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.01	2d8/5 L=58	4,11,31
222	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.04	0.01	2d8/5 L=58	4,34,18
	s=1,m=3	29.2	0.25	10.1	10.1	0.0	0.09	0.06	0.04	0.02	2d8/5 L=58	4,11,31
		58.5	0.25	10.1	10.1	0.0	0.09	0.02	0.06	0.05	2d8/5 L=58	21,11,4
221	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	4.21e-03	2d8/5 L=43	21,34,4
	s=1,m=3	21.8	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.02	2d8/5 L=43	21,11,4
		43.5	0.25	10.1	10.1	0.0	0.09	0.03	0.06	0.04	2d8/5 L=43	31,11,4
220	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.05	0.03	2d8/5 L=43	31,11,4
	s=1,m=3	21.8	0.25	10.1	10.1	0.0	0.09	0.01	0.04	8.00e-03	2d8/5 L=43	21,34,22
		43.5	0.25	10.1	10.1	0.0	0.09	0.02	0.05	0.01	2d8/5 L=43	37,11,27
M_T= 10 Z=-245.0 N=9 N=29												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
98	ok,ok	0.0	0.25	10.1	10.1	8.0	0.09	0.04	0.20	0.28	2d8/5 L=44	25,9,4
	s=1,m=3	22.0	0.25	10.1	10.1	8.0	0.09	0.02	0.22	0.34	2d8/5 L=44	35,9,4
		44.0	0.25	10.1	10.1	8.0	0.09	0.07	0.23	0.40	2d8/5 L=44	31,9,4
161	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.02	7.74e-03	2d8/5 L=51	43,31,3
	s=1,m=3	25.5	0.25	10.1	10.1	0.0	0.09	0.06	0.04	0.04	2d8/5 L=51	39,4,4
		51.0	0.25	10.1	10.1	0.0	0.09	0.10	0.06	0.07	2d8/5 L=51	39,4,4
160	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.10	0.04	0.03	2d8/5 L=51	4,4,11
	s=1,m=3	25.5	0.25	10.1	10.1	0.0	0.09	0.08	0.03	9.07e-03	2d8/5 L=51	4,4,4
		51.0	0.25	10.1	10.1	0.0	0.09	0.12	0.06	0.05	2d8/5 L=51	4,4,4
159	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.12	0.06	0.05	2d8/5 L=51	4,4,4
	s=1,m=3	25.5	0.25	10.1	10.1	0.0	0.09	0.09	0.02	3.22e-03	2d8/5 L=51	4,31,42
		51.0	0.25	10.1	10.1	0.0	0.09	0.12	0.06	0.05	2d8/5 L=51	4,4,4
158	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.12	0.06	0.06	2d8/5 L=51	4,4,4
	s=1,m=3	25.5	0.25	10.1	10.1	0.0	0.09	0.09	0.03	3.71e-03	2d8/5 L=51	4,31,43
		51.0	0.25	10.1	10.1	0.0	0.09	0.13	0.07	0.06	2d8/5 L=51	4,4,4
157	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.13	0.07	0.06	2d8/5 L=51	4,4,4
	s=1,m=3	25.5	0.25	10.1	10.1	0.0	0.09	0.10	0.03	5.24e-03	2d8/5 L=51	4,4,43
		51.0	0.25	10.1	10.1	0.0	0.09	0.14	0.08	0.07	2d8/5 L=51	4,4,4
156	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.14	0.07	0.06	2d8/5 L=41	4,4,4
	s=1,m=3	20.8	0.25	10.1	10.1	0.0	0.09	0.11	0.04	9.94e-03	2d8/5 L=41	4,4,4
		41.5	0.25	10.1	10.1	0.0	0.09	0.12	0.06	0.04	2d8/5 L=41	4,4,4
155	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.12	0.11	0.10	2d8/5 L=41	4,4,4
	s=1,m=3	20.8	0.25	10.1	10.1	0.0	0.09	0.05	0.07	0.05	2d8/5 L=41	4,4,4
		41.5	0.25	10.1	10.1	0.0	0.09	0.02	0.04	8.55e-03	2d8/5 L=41	28,43,42
154	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.12	0.12	0.11	2d8/5 L=120	46,4,4
	s=1,m=3	60.0	0.25	10.1	10.1	0.0	0.09	0.26	0.06	0.02	2d8/5 L=120	4,4,42
		120.0	0.25	10.1	10.1	0.0	0.09	0.18	0.10	0.07	2d8/5 L=120	4,4,4
153	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.08	0.05	2d8/5 L=53	40,4,4
	s=1,m=3	26.5	0.25	10.1	10.1	0.0	0.09	0.03	0.07	0.02	2d8/5 L=53	40,4,4
		53.0	0.25	10.1	10.1	0.0	0.09	0.03	0.06	0.01	2d8/5 L=53	46,43,9
M_T= 42 Z=-245.0 N=1 N=15												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
144	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.07	0.05	2d8/5 L=62	43,4,4
	s=1,m=3	30.8	0.25	10.1	10.1	0.0	0.09	0.04	0.04	6.48e-03	2d8/5 L=62	43,46,9
		61.7	0.25	10.1	10.1	0.0	0.09	0.08	0.07	0.06	2d8/5 L=62	43,4,4
145	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.08	0.08	0.07	2d8/5 L=62	39,4,4
	s=1,m=3	30.8	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.01	2d8/5 L=62	27,46,4
		61.7	0.25	10.1	10.1	0.0	0.09	0.05	0.06	0.04	2d8/5 L=62	39,4,4
146	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.11	0.12	2d8/5 L=62	19,4,4
	s=1,m=3	30.8	0.25	10.1	10.1	0.0	0.09	0.09	0.06	0.06	2d8/5 L=62	4,4,4
		61.7	0.25	10.1	10.1	0.0	0.09	0.13	0.03	1.99e-03	2d8/5 L=62	4,42,1
147	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.13	0.11	0.12	2d8/5 L=50	4,4,4
	s=1,m=3	25.0	0.25	10.1	10.1	0.0	0.09	0.24	0.07	0.07	2d8/5 L=50	4,4,4
		50.0	0.25	10.1	10.1	0.0	0.09	0.29	0.03	0.02	2d8/5 L=50	4,42,4
148	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.28	0.05	0.05	2d8/5 L=50	4,4,4
	s=1,m=3	25.0	0.25	10.1	10.1	0.0	0.09	0.31	0.02	7.44e-03	2d8/5 L=50	4,4,4
		50.0	0.25	10.1	10.1	0.0	0.09	0.27	0.06	0.06	2d8/5 L=50	4,4,4
149	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.27	0.04	0.03	2d8/5 L=50	4,4,4
	s=1,m=3	25.0	0.25	10.1	10.1	0.0	0.09	0.20	0.08	0.09	2d8/5 L=50	4,4,4
		50.0	0.25	10.1	10.1	0.0	0.09	0.07	0.12	0.15	2d8/5 L=50	4,4,4
150	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.08	0.04	0.04	2d8/5 L=55	44,4,4
	s=1,m=3	27.3	0.25	10.1	10.1	0.0	0.09	0.03	0.08	0.10	2d8/5 L=55	19,4,4
		54.7	0.25	10.1	10.1	0.0	0.09	0.18	0.12	0.16	2d8/5 L=55	4,4,4

151	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.18	0.02	0.01	2d8/5 L=55	4,40,43
	s=1,m=3	27.3	0.25	10.1	10.1	0.0	0.09	0.22	0.05	0.06	2d8/5 L=55	4,4,4
		54.7	0.25	10.1	10.1	0.0	0.09	0.33	0.09	0.11	2d8/5 L=55	4,4,4
152	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.33	0.03	0.02	2d8/5 L=55	4,46,9
	s=1,m=3	27.3	0.25	10.1	10.1	0.0	0.09	0.33	0.03	0.02	2d8/5 L=55	4,43,43
		54.7	0.25	10.1	10.1	0.0	0.09	0.37	0.05	0.05	2d8/5 L=55	4,43,4
181	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.45	0.12	0.16	2d8/5 L=73	4,4,4
	s=1,m=3	36.5	0.25	10.1	10.1	0.0	0.09	0.21	0.09	0.11	2d8/5 L=73	4,4,4
		73.0	0.25	10.1	10.1	0.0	0.09	0.08	0.05	0.07	2d8/5 L=73	27,4,4
182	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.13	0.14	0.19	2d8/5 L=50	27,4,4
	s=1,m=3	101.7	0.25	10.1	10.1	0.0	0.09	0.36	0.03	0.03	2d8/5 L=103	4,42,46
		203.3	0.25	10.1	10.1	0.0	0.09	0.15	0.08	0.11	2d8/5 L=50	4,4,4
183	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.02	0.02	2d8/5 L=39	3,9,11
	s=1,m=3	19.3	0.25	10.1	10.1	0.0	0.09	0.02	0.04	0.05	2d8/5 L=39	42,11,11
		38.7	0.25	10.1	10.1	0.0	0.09	0.05	0.05	0.08	2d8/5 L=39	9,4,4
184	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.02	0.03	2d8/5 L=51	9,11,11
	s=1,m=3	25.4	0.25	10.1	10.1	0.0	0.09	0.04	0.01	0.01	2d8/5 L=51	9,39,43
		50.8	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.05	2d8/5 L=51	11,4,4
185	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.04	0.05	2d8/5 L=51	11,11,4
	s=1,m=3	25.4	0.25	10.1	10.1	0.0	0.09	0.03	0.01	0.01	2d8/5 L=51	9,42,11
		50.8	0.25	10.1	10.1	0.0	0.09	0.04	0.02	0.03	2d8/5 L=51	11,31,4
186	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.04	0.06	2d8/5 L=63	11,4,4
	s=1,m=3	31.7	0.25	10.1	10.1	0.0	0.09	0.02	0.01	0.01	2d8/5 L=63	3,39,11
		63.5	0.25	10.1	10.1	0.0	0.09	2.91e-03	0.03	0.03	2d8/5 L=51	29,4,4
187	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	2.62e-03	0.02	0.03	2d8/5 L=40	29,11,11
	s=1,m=3	20.0	0.25	10.1	10.1	0.0	0.09	0.01	9.57e-03	2.13e-03	2d8/5 L=40	4,39,43
		40.0	0.25	10.1	10.1	0.0	0.09	3.47e-03	0.03	0.03	2d8/5 L=40	43,4,4
M_T= 43 Z=-245.0 N=2 N=7												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
170	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.06	0.04	2d8/5 L=48	39,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.03	0.04	6.57e-03	2d8/5 L=48	39,4,19
		48.5	0.25	10.1	10.1	0.0	0.09	0.05	0.07	0.04	2d8/5 L=48	39,4,4
169	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.07	0.05	2d8/5 L=48	39,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.03	0.04	6.19e-03	2d8/5 L=48	19,4,18
		48.5	0.25	10.1	10.1	0.0	0.09	0.04	0.06	0.03	2d8/5 L=48	19,4,4
168	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.08	0.07	2d8/5 L=48	19,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.03	0.05	0.03	2d8/5 L=48	4,4,4
		48.5	0.25	10.1	10.1	0.0	0.09	0.04	0.04	0.02	2d8/5 L=48	4,4,11
167	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.10	0.10	2d8/5 L=48	4,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.12	0.07	0.05	2d8/5 L=48	4,4,4
		48.5	0.25	10.1	10.1	0.0	0.09	0.16	0.04	8.04e-03	2d8/5 L=48	4,4,4
166	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.16	0.10	0.10	2d8/5 L=61	4,4,4
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.25	0.06	0.04	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.26	0.05	0.02	2d8/5 L=61	4,4,4
165	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.26	0.04	0.02	2d8/5 L=61	4,4,42
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.24	0.07	0.05	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.12	0.11	0.12	2d8/5 L=61	4,4,4
164	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.13	0.04	6.97e-03	2d8/5 L=61	4,4,4
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.07	0.08	0.07	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.07	0.12	0.13	2d8/5 L=61	4,4,4
163	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.04	4.91e-03	2d8/5 L=61	19,39,22
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.10	0.07	0.05	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.21	0.10	0.10	2d8/5 L=61	4,4,4
162	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.21	0.04	9.13e-03	2d8/5 L=61	4,45,22
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.24	0.06	0.03	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.31	0.09	0.07	2d8/5 L=61	4,4,4
M_T= 44 Z=-245.0 N=1 N=2												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
171	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.05	0.04	2d8/5 L=48	43,42,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.04	0.02	7.97e-03	2d8/5 L=48	43,42,39
		48.5	0.25	10.1	10.1	0.0	0.09	0.06	0.05	0.05	2d8/5 L=48	39,4,4
172	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.06	0.05	0.04	2d8/5 L=48	39,42,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.05	0.02	7.97e-03	2d8/5 L=48	39,42,42
		48.5	0.25	10.1	10.1	0.0	0.09	0.07	0.04	0.04	2d8/5 L=48	39,4,4
173	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.07	0.05	0.07	2d8/5 L=48	39,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.03	0.03	0.02	2d8/5 L=48	43,42,4
		48.5	0.25	10.1	10.1	0.0	0.09	0.04	0.02	0.02	2d8/5 L=48	43,34,4
174	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.07	0.10	2d8/5 L=48	43,4,4
	s=1,m=3	24.2	0.25	10.1	10.1	0.0	0.09	0.09	0.04	0.05	2d8/5 L=48	46,4,4
		48.5	0.25	10.1	10.1	0.0	0.09	0.12	0.01	3.99e-03	2d8/5 L=48	4,43,46
175	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.11	0.08	0.10	2d8/5 L=61	4,4,4
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.21	0.04	0.04	2d8/5 L=61	4,4,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.22	0.03	0.03	2d8/5 L=61	4,43,43
176	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.22	0.02	0.02	2d8/5 L=61	4,4,42
	s=1,m=3	30.5	0.25	10.1	10.1	0.0	0.09	0.20	0.05	0.04	2d8/5 L=61	4,43,4
		61.0	0.25	10.1	10.1	0.0	0.09	0.10	0.09	0.10	2d8/5 L=61	4,4,4
177	ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.11	0.02	5.63e-03	2d8/5 L=49	42,4,4

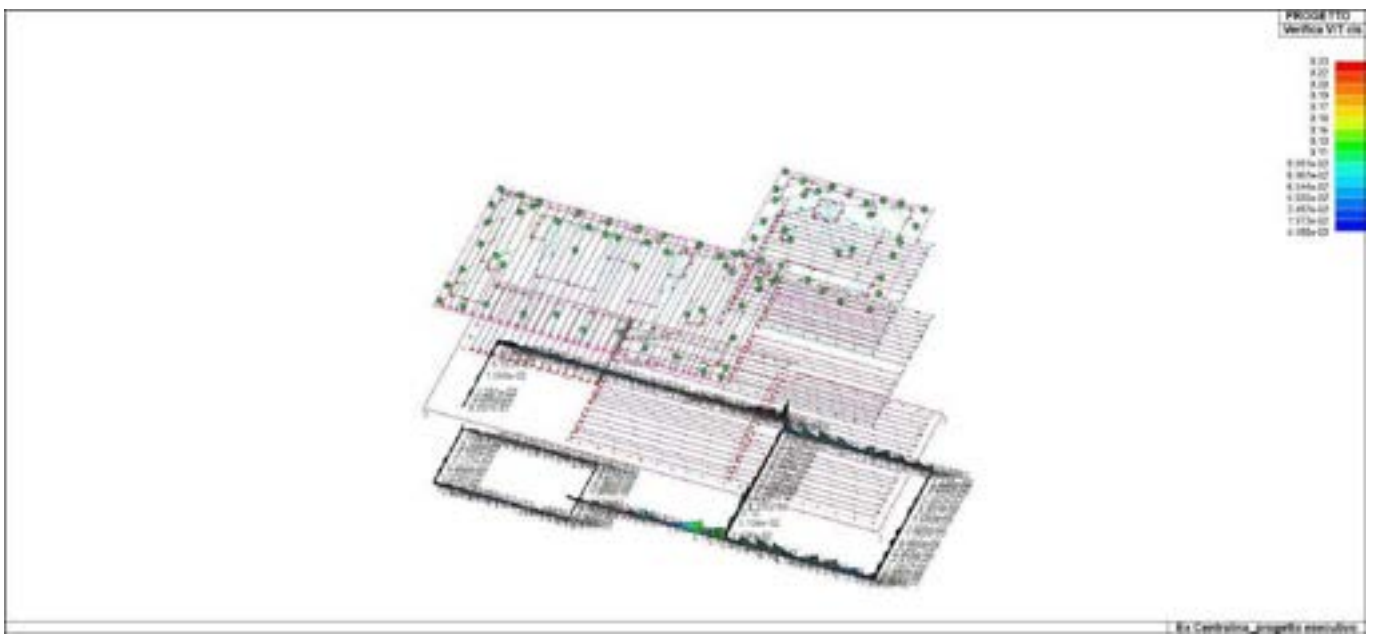
s=1,m=3	24.4	0.25	10.1	10.1	0.0	0.09	0.09	0.06	0.05	2d8/5 L=49	42,4,4
	48.8	0.25	10.1	10.1	0.0	0.09	0.03	0.09	0.10	2d8/5 L=49	43,4,4
178 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.04	0.04	0.02	2d8/5 L=49	43,4,4
s=1,m=3	24.4	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.02	2d8/5 L=49	43,4,4
	48.8	0.25	10.1	10.1	0.0	0.09	0.06	0.08	0.07	2d8/5 L=49	43,4,4
179 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.06	0.06	0.04	2d8/5 L=49	43,4,4
s=1,m=3	24.4	0.25	10.1	10.1	0.0	0.09	0.04	0.04	6.00e-03	2d8/5 L=49	43,43,43
	48.8	0.25	10.1	10.1	0.0	0.09	0.06	0.07	0.04	2d8/5 L=49	4,4,4
180 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.06	0.08	0.05	2d8/5 L=49	4,4,4
s=1,m=3	24.4	0.25	10.1	10.1	0.0	0.09	0.03	0.05	9.26e-03	2d8/5 L=49	44,4,46
	48.8	0.25	10.1	10.1	0.0	0.09	0.05	0.07	0.04	2d8/5 L=49	28,4,4
M_T= 47 Z=-245.0 N=17 N=23											
Trave Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
219 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.05	0.04	0.05	2d8/5 L=50	31,4,4
s=1,m=3	25.0	0.25	10.1	10.1	0.0	0.09	0.02	0.03	0.03	2d8/5 L=50	37,36,4
	50.0	0.25	10.1	10.1	0.0	0.09	0.02	0.02	6.89e-03	2d8/5 L=50	33,36,34
218 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.08	0.05	0.07	2d8/5 L=50	4,4,4
s=1,m=3	66.5	0.25	10.1	10.1	0.0	0.09	0.19	0.02	0.01	2d8/5 L=33	4,34,34
	133.0	0.25	10.1	10.1	0.0	0.09	0.11	0.05	0.06	2d8/5 L=50	4,4,4
204 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.01	0.02	0.02	2d8/5 L=57	26,34,4
s=1,m=3	28.5	0.25	10.1	10.1	0.0	0.09	0.01	0.02	0.01	2d8/5 L=57	17,35,35
	57.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=57	37,4,4
203 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.04	2d8/5 L=57	31,11,11
s=1,m=3	28.5	0.25	10.1	10.1	0.0	0.09	0.01	0.01	7.97e-03	2d8/5 L=57	34,9,9
	57.0	0.25	10.1	10.1	0.0	0.09	0.01	0.03	0.03	2d8/5 L=57	37,4,4
M_T= 11 Z=9.5 N=385 N=636											
Trave Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
99 ok,ok	0.0	0.25	10.1	10.1	0.0	0.09	0.03	0.04	0.06	2d8/5 L=50	39,9,9
s=1,m=3	148.5	0.25	10.1	10.1	0.0	0.09	0.18	0.01	5.51e-03	2d8/5 L=197	9,18,34
	297.0	0.25	10.1	10.1	0.0	0.09	0.07	0.03	0.04	2d8/5 L=50	34,9,9
Trave		%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		
		0.25	10.05	10.05	8.04	0.09	0.45	0.23	0.40		



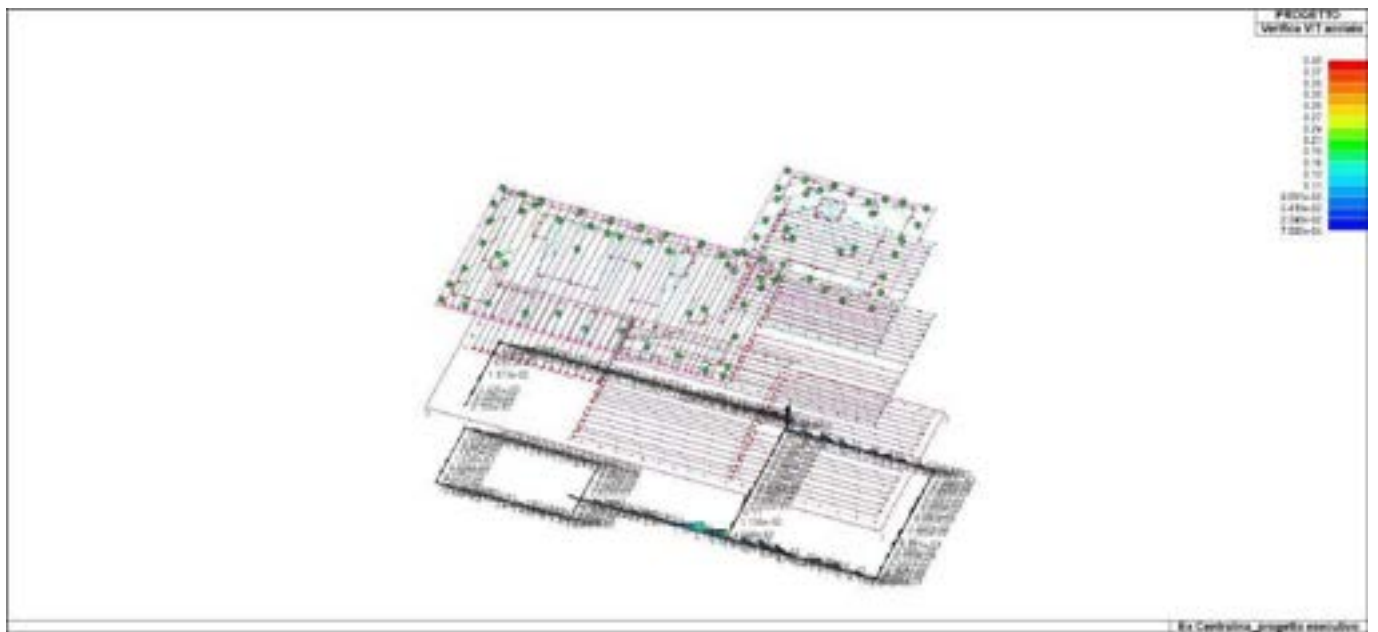
71_CA_TRV_01_Stato progetto



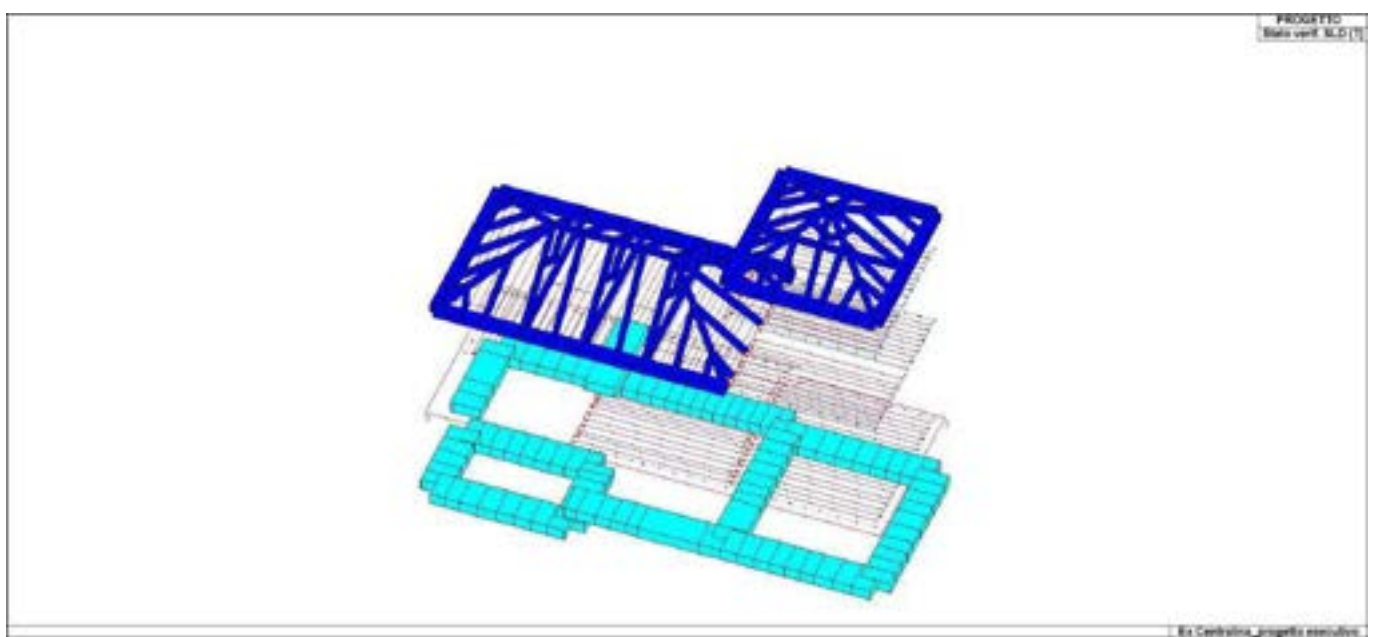
71_CA_TRV_09_Verifica NM



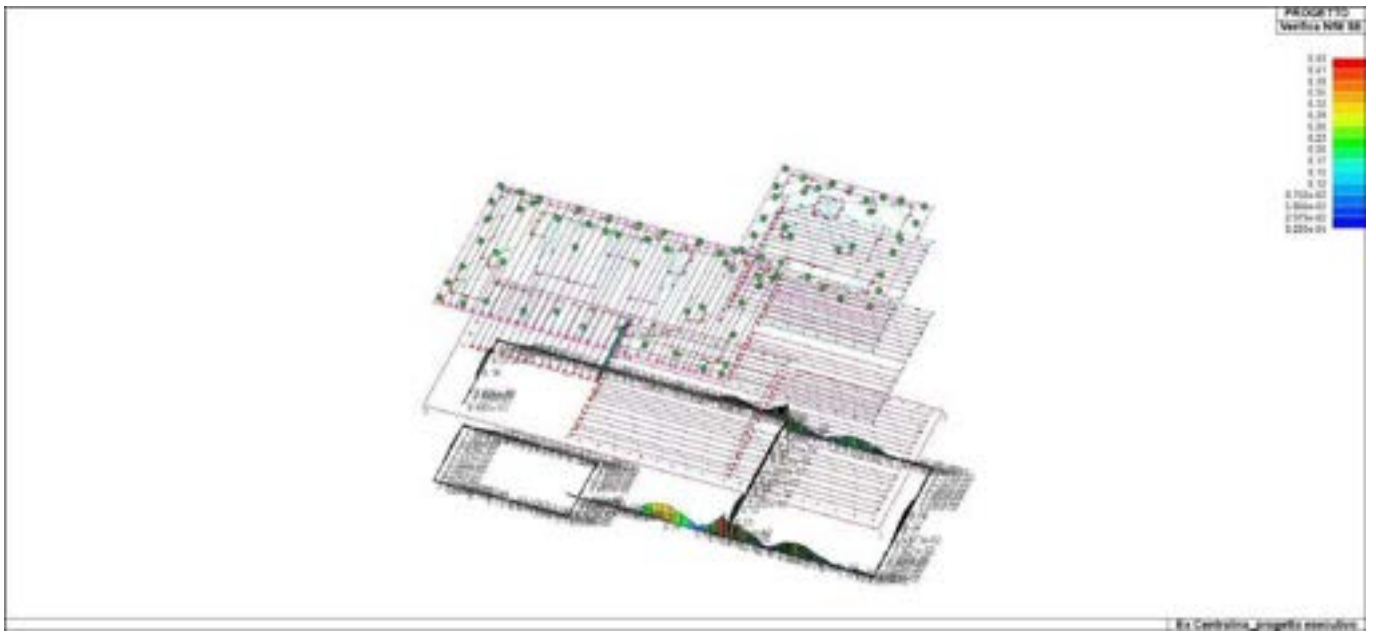
71_CA_TRV_11_Verifica VT cls



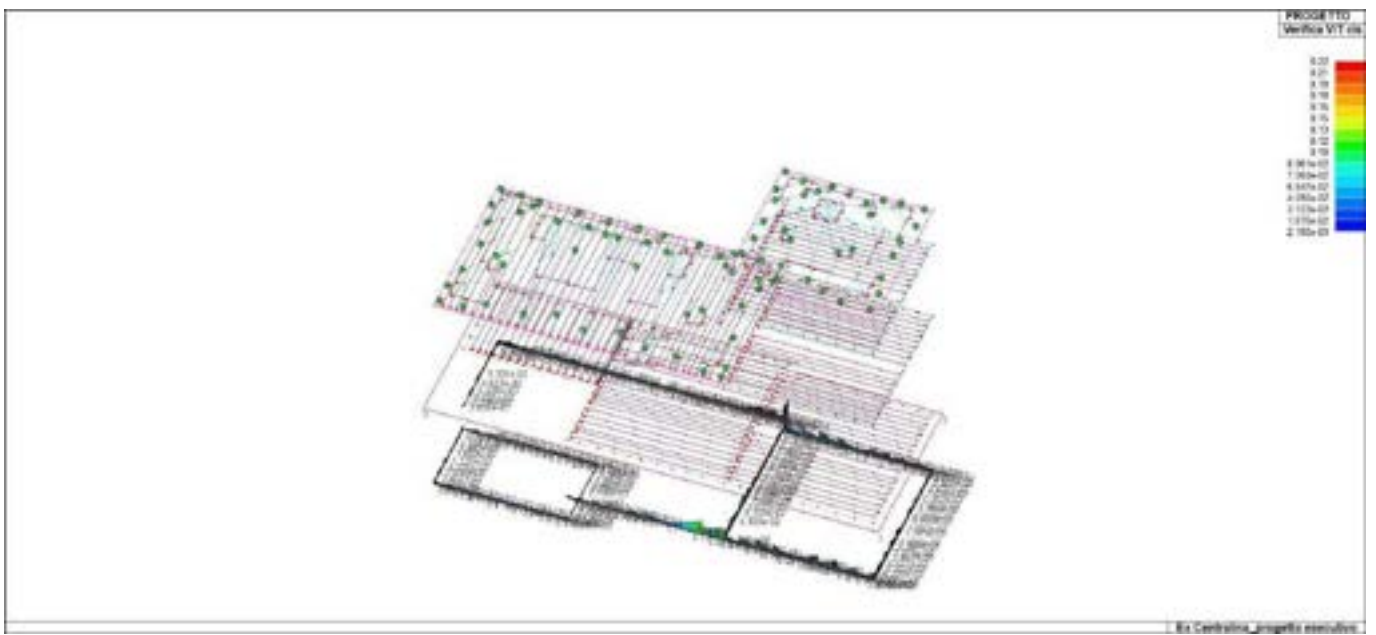
71_CA_TRV_12_Verifica VT acciaio



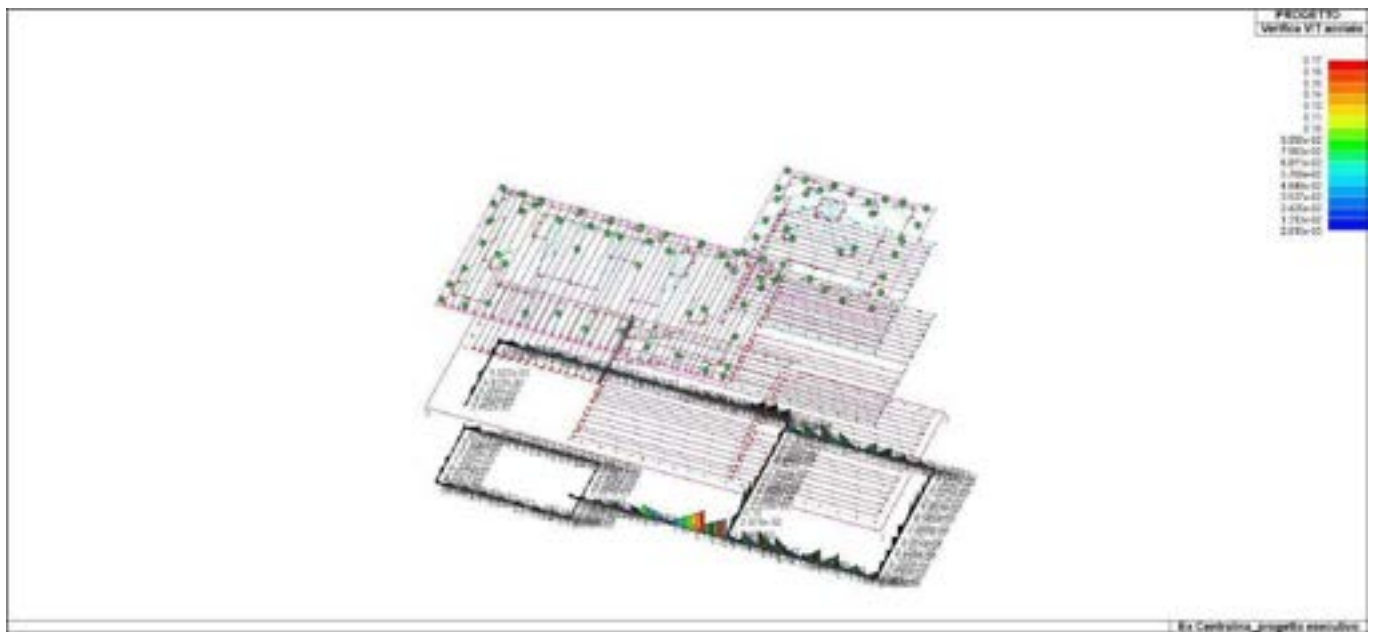
71_CA_TRV_15_Stato verif SLD T



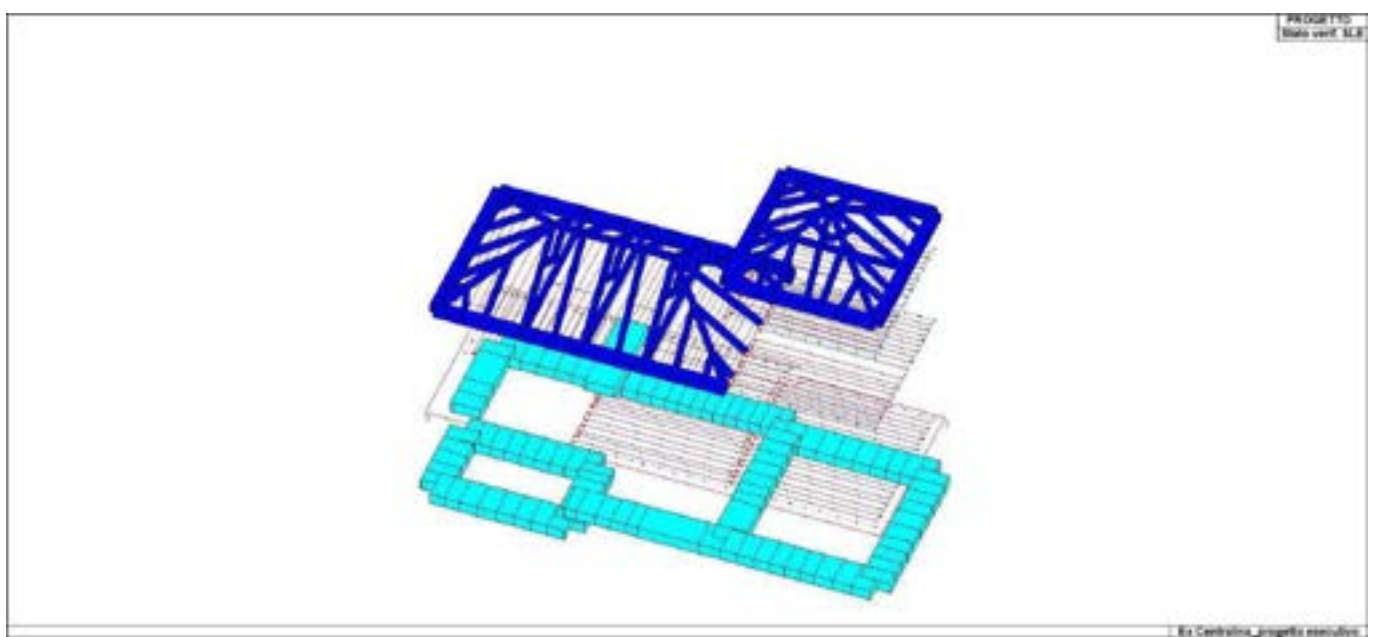
71_CA_TRV_16_Verifica NM SE



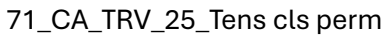
71_CA_TRV_17_Verifica VT cls



71_CA_TRV_18_Verifica VT acciaio



71_CA_TRV_19_Stato verif SLE



71_CA_TRV_25_Tens cls perm

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]
dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastrì	rRfck	rRfyk	rPfck	per sezioni significative
travi	rRfck wR dR	rRfyk wF dF	rPfck wP dP	per sezioni significative per sezioni significative massimi in campata
setti e gusci	rRfck wR	rRfyk wF	rPfck wP	massimi nei nodi dell'elemento massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Trave	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb	wR mm	wF mm	wP mm	Rif. cmb	dR cm	dF cm	dP cm	Rif. cmb
94	0.0	0.05	0.09	0.06	82,82,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	19.5	0.06	0.12	0.07	82,82,92	0.0	0.0	0.0	0,0,0				
	39.0	0.06	0.13	0.08	82,82,92	0.0	0.0	0.0	0,0,0				
95	0.0	3.03e-03	1.94e-03	3.55e-03	83,83,91	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	19.5	0.03	0.06	0.04	85,82,92	0.0	0.0	0.0	0,0,0				
	39.0	0.05	0.10	0.06	82,82,92	0.0	0.0	0.0	0,0,0				
96	0.0	0.05	0.14	0.06	82,82,92	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	82,87,92
	20.5	0.02	0.06	0.02	81,82,92	0.0	0.0	0.0	0,0,0				
	41.0	2.85e-03	0.01	3.28e-03	83,83,91	0.0	0.0	0.0	0,0,0				
97	0.0	0.10	0.26	0.12	82,82,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	20.5	0.07	0.19	0.08	82,82,92	0.0	0.0	0.0	0,0,0				
	41.0	0.05	0.15	0.06	82,82,92	0.0	0.0	0.0	0,0,0				
98	0.0	9.93e-03	0.05	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-7.07e-03	-6.21e-03	-5.90e-03	82,87,92
	22.0	0.0	0.02	0.0	0,83,0	0.0	0.0	0.0	0,0,0				
	44.0	0.02	0.06	0.02	85,85,92	0.0	0.0	0.0	0,0,0				
99	0.0	7.50e-03	0.02	9.30e-03	83,83,91	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	83,88,91
	148.5	0.06	0.16	0.08	83,83,91	0.0	0.0	0.0	0,0,0				
	297.0	0.02	0.04	0.02	83,83,91	0.0	0.0	0.0	0,0,0				
144	0.0	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-0.03	-0.02	-0.02	82,87,92
	30.8	8.84e-03	0.04	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	61.7	0.03	0.08	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
145	0.0	0.03	0.07	0.03	82,82,92	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	82,87,92
	30.8	5.62e-03	0.03	7.49e-03	79,83,91	0.0	0.0	0.0	0,0,0				
	61.7	0.01	0.05	0.02	83,83,91	0.0	0.0	0.0	0,0,0				
146	0.0	0.01	0.04	0.02	83,83,91	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	82,87,92
	30.8	0.03	0.08	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
	61.7	0.05	0.12	0.06	82,82,92	0.0	0.0	0.0	0,0,0				
147	0.0	0.05	0.09	0.06	82,82,92	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	82,87,92
	25.0	0.09	0.19	0.11	82,82,92	0.0	0.0	0.0	0,0,0				
	50.0	0.11	0.23	0.13	82,82,92	0.0	0.0	0.0	0,0,0				
148	0.0	0.11	0.22	0.13	82,82,92	0.0	0.0	0.0	0,0,0	-7.71e-03	-7.71e-03	-7.71e-03	79,86,91
	25.0	0.11	0.24	0.14	82,82,92	0.0	0.0	0.0	0,0,0				
	50.0	0.10	0.20	0.12	82,82,92	0.0	0.0	0.0	0,0,0				
149	0.0	0.10	0.22	0.12	82,82,92	0.0	0.0	0.0	0,0,0	-9.23e-04	7.59e-04	7.45e-04	82,87,92
	25.0	0.07	0.16	0.09	82,82,92	0.0	0.0	0.0	0,0,0				
	50.0	0.03	0.04	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
150	0.0	0.02	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0	-4.04e-03	-3.30e-03	-3.06e-03	82,87,92
	27.3	4.93e-03	0.02	5.02e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	54.7	0.06	0.16	0.07	82,82,92	0.0	0.0	0.0	0,0,0				
151	0.0	0.06	0.16	0.07	82,82,92	0.0	0.0	0.0	0,0,0	-1.80e-03	-1.80e-03	-1.80e-03	79,86,91
	27.3	0.08	0.20	0.09	82,82,92	0.0	0.0	0.0	0,0,0				
	54.7	0.11	0.29	0.14	82,82,92	0.0	0.0	0.0	0,0,0				
152	0.0	0.11	0.29	0.14	82,82,92	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	82,87,92
	27.3	0.11	0.29	0.14	82,82,92	0.0	0.0	0.0	0,0,0				
	54.7	0.13	0.32	0.15	82,82,92	0.0	0.0	0.0	0,0,0				
153	0.0	0.01	0.04	0.02	82,82,92	0.0	0.0	0.0	0,0,0	6.57e-03	6.47e-03	6.44e-03	83,88,91
	26.5	1.67e-03	0.01	2.23e-03	79,79,91	0.0	0.0	0.0	0,0,0				
	53.0	2.73e-03	0.01	3.64e-03	79,79,91	0.0	0.0	0.0	0,0,0				
154	0.0	0.03	0.08	0.04	83,85,91	0.0	0.0	0.0	0,0,0	6.24e-03	4.91e-03	4.80e-03	82,87,92
	60.0	0.09	0.23	0.11	82,82,92	0.0	0.0	0.0	0,0,0				
	120.0	0.06	0.16	0.07	82,82,92	0.0	0.0	0.0	0,0,0				
155	0.0	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0	7.88e-03	6.95e-03	6.62e-03	82,87,92
	20.8	0.01	0.06	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	41.5	0.0	0.04	0.0	0,82,0	0.0	0.0	0.0	0,0,0				
156	0.0	0.04	0.13	0.05	82,82,92	0.0	0.0	0.0	0,0,0	6.04e-03	5.41e-03	5.19e-03	82,87,92
	20.8	0.03	0.11	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	41.5	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
157	0.0	0.04	0.13	0.04	82,82,92	0.0	0.0	0.0	0,0,0	4.23e-03	3.93e-03	3.83e-03	82,87,92
	25.5	0.03	0.10	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	51.0	0.04	0.14	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
158	0.0	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0	1.42e-03	1.38e-03	1.36e-03	83,88,91
	25.5	0.03	0.10	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	51.0	0.04	0.13	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
159	0.0	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0	2.07e-03	1.51e-03	1.29e-03	82,87,92
	25.5	0.03	0.10	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	51.0	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
160	0.0	0.03	0.10	0.04	82,82,92	0.0	0.0	0.0	0,0,0	5.15e-03	4.28e-03	3.95e-03	82,87,92
	25.5	0.03	0.09	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	51.0	0.04	0.12	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
161	0.0	4.53e-04	0.04	3.69e-04	83,83,91	0.0	0.0	0.0	0,0,0	7.49e-03	6.46e-03	6.09e-03	82,87,92
	25.5	9.90e-03	0.05	0.01	83,85,91	0.0	0.0	0.0	0,0,0				
	51.0	0.03	0.10	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
162	0.0	0.07	0.20	0.09	82,82,92	0.0	0.0	0.0	0,0,0	-2.21e-03	-2.21e-03	-2.21e-03	79,86,91

	30.5	0.08	0.21	0.09	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.10	0.27	0.12	82,82,92	0.0	0.0	0.0	0,0,0				
163	0.0	0.02	0.07	0.03	82,82,92	0.0	0.0	0.0	0,0,0	-6.78e-03	-5.76e-03	-5.42e-03	82,87,92
	30.5	0.03	0.10	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.07	0.19	0.09	82,82,92	0.0	0.0	0.0	0,0,0				
164	0.0	0.04	0.11	0.06	82,82,92	0.0	0.0	0.0	0,0,0	8.27e-03	7.03e-03	6.62e-03	82,87,92
	30.5	0.03	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.02	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
165	0.0	0.10	0.21	0.12	82,82,92	0.0	0.0	0.0	0,0,0	1.39e-03	1.31e-03	1.29e-03	82,87,92
	30.5	0.09	0.19	0.11	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.05	0.08	0.06	82,82,92	0.0	0.0	0.0	0,0,0				
166	0.0	0.06	0.11	0.07	82,82,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	79,86,91
	30.5	0.09	0.20	0.11	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.10	0.20	0.12	82,82,92	0.0	0.0	0.0	0,0,0				
167	0.0	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	82,87,92
	24.2	0.04	0.09	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
	48.5	0.06	0.12	0.07	82,82,92	0.0	0.0	0.0	0,0,0				
168	0.0	0.01	0.02	0.01	83,83,91	0.0	0.0	0.0	0,0,0	0.02	-0.02	-0.02	82,87,92
	24.2	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	48.5	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
169	0.0	0.01	0.03	0.02	85,83,92	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	82,87,92
	24.2	5.16e-03	0.01	6.88e-03	79,79,91	0.0	0.0	0.0	0,0,0				
	48.5	0.01	0.03	0.01	83,83,91	0.0	0.0	0.0	0,0,0				
170	0.0	9.68e-03	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-0.02	0.02	0.02	82,87,92
	24.2	3.79e-03	0.02	5.05e-03	79,83,91	0.0	0.0	0.0	0,0,0				
	48.5	0.01	0.04	0.02	85,85,92	0.0	0.0	0.0	0,0,0				
171	0.0	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-3.13e-03	-3.07e-03	-3.05e-03	83,88,91
	24.2	9.98e-03	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	48.5	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
172	0.0	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0	4.26e-03	4.14e-03	4.12e-03	85,90,92
	24.2	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	48.5	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
173	0.0	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-5.09e-03	-4.90e-03	-4.84e-03	82,87,92
	24.2	1.07e-03	3.50e-03	1.33e-03	83,79,91	0.0	0.0	0.0	0,0,0				
	48.5	1.58e-03	4.72e-03	1.98e-03	83,83,91	0.0	0.0	0.0	0,0,0				
174	0.0	1.57e-03	9.81e-04	1.99e-03	83,83,91	0.0	0.0	0.0	0,0,0	-4.22e-03	-4.03e-03	-3.97e-03	82,87,92
	24.2	0.03	0.07	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
	48.5	0.04	0.10	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
175	0.0	0.04	0.08	0.05	82,82,92	0.0	0.0	0.0	0,0,0	1.23e-03	1.17e-03	1.15e-03	82,87,92
	30.5	0.08	0.17	0.10	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.08	0.18	0.10	82,82,92	0.0	0.0	0.0	0,0,0				
176	0.0	0.08	0.18	0.10	82,82,92	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	82,87,92
	30.5	0.08	0.16	0.09	82,82,92	0.0	0.0	0.0	0,0,0				
	61.0	0.04	0.07	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
177	0.0	0.04	0.09	0.05	82,82,92	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	82,87,92
	24.4	0.03	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	48.8	3.52e-03	5.10e-03	3.95e-03	81,81,92	0.0	0.0	0.0	0,0,0				
178	0.0	3.11e-03	0.01	3.62e-03	81,81,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	24.4	2.57e-03	9.53e-03	2.91e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	48.8	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
179	0.0	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	24.4	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	48.8	0.02	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
180	0.0	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	24.4	8.19e-03	0.03	9.86e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	48.8	0.01	0.04	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
181	0.0	0.15	0.39	0.18	82,82,92	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	82,87,92
	36.5	0.07	0.19	0.08	82,82,92	0.0	0.0	0.0	0,0,0				
	73.0	0.02	0.07	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
182	0.0	0.04	0.07	0.04	82,82,92	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	82,87,92
	101.7	0.13	0.30	0.16	82,82,92	0.0	0.0	0.0	0,0,0				
	203.3	0.05	0.11	0.07	82,82,92	0.0	0.0	0.0	0,0,0				
183	0.0	0.02	0.02	0.02	81,81,92	0.0	0.0	0.0	0,0,0	4.97e-03	4.64e-03	4.58e-03	85,90,92
	19.3	5.46e-03	3.56e-03	6.03e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	38.7	0.02	0.02	0.02	83,83,91	0.0	0.0	0.0	0,0,0				
184	0.0	0.02	0.02	0.02	83,83,91	0.0	0.0	0.0	0,0,0	-5.75e-03	-5.41e-03	-5.32e-03	82,87,92
	25.4	0.01	0.02	0.02	83,83,91	0.0	0.0	0.0	0,0,0				
	50.8	0.03	0.04	0.03	85,85,92	0.0	0.0	0.0	0,0,0				
185	0.0	0.03	0.04	0.03	85,85,92	0.0	0.0	0.0	0,0,0	-4.25e-03	-3.96e-03	-3.87e-03	82,87,92
	25.4	0.01	0.01	0.02	83,83,91	0.0	0.0	0.0	0,0,0				
	50.8	0.02	0.02	0.02	85,85,92	0.0	0.0	0.0	0,0,0				
186	0.0	0.02	0.02	0.02	85,85,92	0.0	0.0	0.0	0,0,0	-4.50e-03	-4.16e-03	-4.02e-03	82,87,92
	31.7	5.30e-03	3.23e-03	5.85e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	63.5	1.65e-03	1.17e-03	2.12e-03	83,83,91	0.0	0.0	0.0	0,0,0				
187	0.0	1.64e-03	1.17e-03	2.06e-03	83,83,91	0.0	0.0	0.0	0,0,0	-3.10e-03	-2.85e-03	-2.76e-03	81,87,92
	20.0	4.39e-03	2.74e-03	5.39e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	40.0	1.95e-03	1.34e-03	2.52e-03	81,81,92	0.0	0.0	0.0	0,0,0				

188	0.0	2.03e-03	0.02	1.94e-03	83,83,91	0.0	0.0	0.0	0,0,0	-6.20e-03	-5.83e-03	-5.73e-03	83,88,91
	18.8	0.0	9.38e-03	0.0	0,83,0	0.0	0.0	0.0	0,0,0				
	37.5	4.17e-03	0.02	4.71e-03	83,83,91	0.0	0.0	0.0	0,0,0				
189	0.0	4.49e-03	0.01	3.87e-03	81,81,92	0.0	0.0	0.0	0,0,0	6.23e-03	5.84e-03	5.74e-03	83,88,91
	18.8	5.08e-03	0.01	4.64e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	37.5	3.34e-03	9.38e-03	3.72e-03	83,83,91	0.0	0.0	0.0	0,0,0				
190	0.0	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0	8.56e-03	7.97e-03	7.82e-03	83,88,91
	27.5	0.02	0.03	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
	55.0	4.59e-03	6.97e-03	4.02e-03	81,81,92	0.0	0.0	0.0	0,0,0				
191	0.0	0.01	0.02	0.01	85,85,92	0.0	0.0	0.0	0,0,0	7.15e-03	6.59e-03	6.44e-03	83,88,91
	27.5	0.02	0.04	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
	55.0	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
192	0.0	6.33e-03	7.16e-03	7.53e-03	83,83,91	0.0	0.0	0.0	0,0,0	3.99e-03	3.65e-03	3.57e-03	83,88,91
	18.2	0.01	0.02	0.01	85,85,92	0.0	0.0	0.0	0,0,0				
	36.5	0.01	0.02	0.01	85,85,92	0.0	0.0	0.0	0,0,0				
193	0.0	4.16e-03	4.37e-03	4.62e-03	83,83,91	0.0	0.0	0.0	0,0,0	3.61e-03	3.29e-03	3.21e-03	83,88,91
	18.2	7.81e-03	0.01	9.46e-03	83,83,91	0.0	0.0	0.0	0,0,0				
	36.5	6.40e-03	9.24e-03	7.63e-03	83,83,91	0.0	0.0	0.0	0,0,0				
194	0.0	1.11e-03	7.47e-04	1.27e-03	83,83,91	0.0	0.0	0.0	0,0,0	-1.56e-03	-1.47e-03	-1.44e-03	83,88,91
	24.8	4.82e-03	7.25e-03	6.02e-03	85,81,92	0.0	0.0	0.0	0,0,0				
	49.7	1.77e-03	1.17e-03	1.45e-03	81,81,92	0.0	0.0	0.0	0,0,0				
195	0.0	1.84e-03	1.81e-03	1.36e-03	81,81,92	0.0	0.0	0.0	0,0,0	-1.79e-03	-1.67e-03	-1.65e-03	83,88,91
	24.8	3.47e-03	3.27e-03	4.26e-03	83,82,91	0.0	0.0	0.0	0,0,0				
	49.7	3.80e-03	6.16e-03	3.20e-03	81,81,92	0.0	0.0	0.0	0,0,0				
196	0.0	3.73e-03	8.35e-03	3.33e-03	81,81,92	0.0	0.0	0.0	0,0,0	-1.90e-03	-1.77e-03	-1.73e-03	83,88,91
	24.8	1.96e-03	1.57e-03	2.23e-03	83,83,91	0.0	0.0	0.0	0,0,0				
	49.7	6.09e-03	0.01	6.16e-03	81,81,92	0.0	0.0	0.0	0,0,0				
197	0.0	5.80e-03	0.02	5.90e-03	81,81,92	0.0	0.0	0.0	0,0,0	1.84e-03	1.69e-03	1.65e-03	83,88,91
	24.8	2.07e-03	8.16e-03	1.60e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	49.7	9.19e-03	0.03	0.01	81,81,92	0.0	0.0	0.0	0,0,0				
198	0.0	8.78e-03	0.03	9.71e-03	81,81,92	0.0	0.0	0.0	0,0,0	-1.49e-03	-1.33e-03	-1.29e-03	83,88,91
	24.8	5.46e-03	0.02	5.95e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	49.7	0.01	0.04	0.02	82,81,92	0.0	0.0	0.0	0,0,0				
199	0.0	0.01	0.04	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-7.70e-04	-6.13e-04	-5.73e-04	83,88,91
	24.8	9.37e-03	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	49.7	0.02	0.05	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
200	0.0	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0	1.59e-03	1.04e-03	8.15e-04	81,87,92
	24.8	0.01	0.04	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
	49.7	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
201	0.0	0.02	0.06	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-2.83e-03	-2.22e-03	-1.98e-03	81,87,92
	24.8	8.46e-03	0.04	0.01	85,85,92	0.0	0.0	0.0	0,0,0				
	49.7	0.01	0.04	0.01	85,85,92	0.0	0.0	0.0	0,0,0				
202	0.0	0.01	0.04	0.01	85,85,92	0.0	0.0	0.0	0,0,0	-3.40e-03	-2.80e-03	-2.57e-03	81,87,92
	24.8	0.0	0.02	0.0	0,81,0	0.0	0.0	0.0	0,0,0				
	49.7	4.71e-03	0.03	3.85e-03	81,82,92	0.0	0.0	0.0	0,0,0				
203	0.0	9.90e-03	0.03	0.01	83,83,91	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	28.5	8.50e-04	7.38e-03	4.11e-04	81,81,92	0.0	0.0	0.0	0,0,0				
	57.0	2.81e-03	0.01	3.35e-03	81,81,92	0.0	0.0	0.0	0,0,0				
204	0.0	1.38e-03	4.98e-03	8.84e-04	81,81,92	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	82,87,92
	28.5	3.09e-03	9.06e-03	3.01e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	57.0	0.01	0.03	0.01	83,83,91	0.0	0.0	0.0	0,0,0				
205	0.0	0.0	0.01	0.0	0,85,0	0.0	0.0	0.0	0,0,0	-1.83e-03	-1.77e-03	-1.76e-03	83,88,91
	28.2	3.05e-03	0.02	3.48e-03	81,82,92	0.0	0.0	0.0	0,0,0				
	56.3	5.68e-03	0.03	6.91e-03	82,85,92	0.0	0.0	0.0	0,0,0				
206	0.0	6.17e-03	0.03	7.56e-03	85,85,92	0.0	0.0	0.0	0,0,0	-1.71e-03	-1.67e-03	-1.66e-03	83,88,91
	28.2	0.0	9.41e-03	0.0	0,85,0	0.0	0.0	0.0	0,0,0				
	56.3	0.01	0.03	0.01	82,85,92	0.0	0.0	0.0	0,0,0				
207	0.0	0.01	0.03	0.01	82,85,92	0.0	0.0	0.0	0,0,0	1.22e-03	1.21e-03	1.21e-03	83,88,91
	28.2	9.68e-04	0.01	9.99e-04	85,85,92	0.0	0.0	0.0	0,0,0				
	56.3	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
208	0.0	0.01	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0	7.45e-04	7.45e-04	7.45e-04	79,86,91
	28.2	0.0	6.48e-03	0.0	0,82,0	0.0	0.0	0.0	0,0,0				
	56.3	8.40e-03	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
209	0.0	8.45e-03	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-6.29e-04	-6.29e-04	-6.29e-04	79,86,91
	31.6	3.28e-03	0.01	4.22e-03	83,85,91	0.0	0.0	0.0	0,0,0				
	63.2	6.38e-03	0.02	7.69e-03	82,82,92	0.0	0.0	0.0	0,0,0				
210	0.0	6.47e-03	0.02	7.78e-03	82,82,92	0.0	0.0	0.0	0,0,0	-6.97e-04	-6.97e-04	-6.97e-04	79,86,91
	31.6	3.89e-03	0.01	4.74e-03	83,85,91	0.0	0.0	0.0	0,0,0				
	63.2	7.97e-03	0.02	9.63e-03	81,81,92	0.0	0.0	0.0	0,0,0				
211	0.0	8.17e-03	0.02	9.86e-03	81,81,92	0.0	0.0	0.0	0,0,0	-3.88e-04	-3.88e-04	-3.88e-04	83,88,91
	23.8	2.47e-03	6.56e-03	2.63e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	47.6	9.23e-03	0.02	0.01	81,81,92	0.0	0.0	0.0	0,0,0				
212	0.0	9.02e-03	0.03	0.01	81,81,92	0.0	0.0	0.0	0,0,0	-4.42e-04	-1.75e-04	-9.17e-05	81,87,91
	23.8	1.51e-03	7.23e-03	1.41e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	47.6	6.72e-03	0.02	8.08e-03	81,81,92	0.0	0.0	0.0	0,0,0				
213	0.0	3.79e-03	0.01	4.98e-03	83,85,91	0.0	0.0	0.0	0,0,0	8.89e-03	8.44e-03	8.36e-03	85,90,92
	22.8	0.0	7.46e-03	0.0	0,81,0	0.0	0.0	0.0	0,0,0				

	45.5	8.77e-03	0.03	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
214	0.0	8.87e-03	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-8.84e-03	-8.41e-03	-8.33e-03	85,90,92
	22.8	7.51e-03	0.02	8.75e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	45.5	4.36e-03	0.01	5.71e-03	85,83,92	0.0	0.0	0.0	0,0,0				
215	0.0	0.03	0.06	0.03	82,82,92	0.0	0.0	0.0	0,0,0	-9.43e-03	-9.01e-03	-8.92e-03	85,90,92
	27.8	0.02	0.05	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	55.7	9.10e-03	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
216	0.0	0.02	0.04	0.03	82,82,92	0.0	0.0	0.0	0,0,0	6.64e-03	6.34e-03	6.27e-03	83,88,91
	27.8	0.03	0.06	0.04	82,82,92	0.0	0.0	0.0	0,0,0				
	55.7	0.03	0.05	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
217	0.0	7.23e-04	1.13e-03	7.10e-04	83,83,91	0.0	0.0	0.0	0,0,0	4.34e-03	4.09e-03	4.03e-03	83,88,91
	27.8	0.02	0.04	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
	55.7	0.02	0.05	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
218	0.0	0.03	0.07	0.04	82,82,92	0.0	0.0	0.0	0,0,0	9.22e-03	8.57e-03	8.31e-03	81,87,92
	66.5	0.07	0.16	0.08	82,82,92	0.0	0.0	0.0	0,0,0				
	133.0	0.04	0.09	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
219	0.0	0.01	0.04	0.02	85,85,92	0.0	0.0	0.0	0,0,0	3.39e-03	3.14e-03	3.09e-03	85,90,92
	25.0	0.0	5.41e-03	0.0	0,81,0	0.0	0.0	0.0	0,0,0				
	50.0	6.11e-03	0.02	7.51e-03	81,81,92	0.0	0.0	0.0	0,0,0				
220	0.0	6.22e-03	0.01	8.29e-03	79,81,91	0.0	0.0	0.0	0,0,0	6.72e-04	4.69e-04	4.04e-04	82,87,92
	21.8	3.68e-04	2.31e-04	3.76e-04	85,85,91	0.0	0.0	0.0	0,0,0				
	43.5	1.20e-03	1.61e-03	1.60e-03	79,81,91	0.0	0.0	0.0	0,0,0				
221	0.0	6.51e-03	0.01	6.93e-03	85,82,92	0.0	0.0	0.0	0,0,0	-6.32e-04	-4.01e-04	-3.31e-04	82,87,92
	21.8	4.13e-03	5.08e-03	4.01e-03	85,82,92	0.0	0.0	0.0	0,0,0				
	43.5	6.33e-03	0.01	8.41e-03	81,81,92	0.0	0.0	0.0	0,0,0				
222	0.0	0.03	0.05	0.03	82,82,92	0.0	0.0	0.0	0,0,0	2.13e-03	1.69e-03	1.56e-03	82,87,92
	29.2	0.02	0.04	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	58.5	6.14e-03	3.85e-03	6.39e-03	85,85,92	0.0	0.0	0.0	0,0,0				
223	0.0	8.20e-03	6.46e-03	0.01	79,79,91	0.0	0.0	0.0	0,0,0	5.09e-03	4.47e-03	4.30e-03	82,87,92
	29.2	0.02	0.04	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
	58.5	0.03	0.05	0.03	82,82,92	0.0	0.0	0.0	0,0,0				
224	0.0	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0	6.20e-03	5.61e-03	5.44e-03	82,87,92
	27.6	5.66e-03	5.35e-03	7.55e-03	79,79,91	0.0	0.0	0.0	0,0,0				
	55.2	8.51e-03	0.01	0.01	79,81,91	0.0	0.0	0.0	0,0,0				
225	0.0	0.02	0.03	0.02	82,82,92	0.0	0.0	0.0	0,0,0	-5.67e-03	5.21e-03	5.08e-03	82,87,92
	27.6	7.38e-03	9.98e-03	7.24e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	55.2	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
226	0.0	0.01	0.02	0.01	82,82,92	0.0	0.0	0.0	0,0,0	-4.55e-03	-4.26e-03	-4.17e-03	82,87,92
	27.6	6.85e-03	6.30e-03	6.89e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	55.2	0.02	0.03	0.02	82,82,92	0.0	0.0	0.0	0,0,0				
227	0.0	4.83e-03	3.04e-03	5.53e-03	82,82,92	0.0	0.0	0.0	0,0,0	3.84e-03	3.65e-03	3.58e-03	82,87,92
	27.6	2.05e-03	1.43e-03	2.37e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	55.2	0.01	0.01	0.01	82,82,92	0.0	0.0	0.0	0,0,0				
228	0.0	2.56e-03	1.80e-03	3.31e-03	81,81,92	0.0	0.0	0.0	0,0,0	-3.31e-03	-3.18e-03	-3.14e-03	82,87,92
	24.5	3.91e-03	2.60e-03	5.17e-03	83,83,91	0.0	0.0	0.0	0,0,0				
	49.0	4.98e-03	3.22e-03	5.91e-03	82,82,92	0.0	0.0	0.0	0,0,0				
229	0.0	2.30e-03	1.66e-03	3.07e-03	79,79,91	0.0	0.0	0.0	0,0,0	-3.55e-03	-3.41e-03	-3.37e-03	82,87,92
	24.5	5.76e-03	3.69e-03	7.14e-03	82,82,92	0.0	0.0	0.0	0,0,0				
	49.0	2.72e-03	1.91e-03	3.49e-03	81,81,92	0.0	0.0	0.0	0,0,0				
230	0.0	3.71e-03	2.48e-03	4.75e-03	83,83,91	0.0	0.0	0.0	0,0,0	3.89e-03	3.72e-03	3.66e-03	82,87,92
	24.5	5.42e-03	3.49e-03	6.48e-03	82,81,92	0.0	0.0	0.0	0,0,0				
	49.0	2.24e-03	1.62e-03	2.99e-03	81,81,91	0.0	0.0	0.0	0,0,0				
231	0.0	4.51e-03	2.95e-03	5.57e-03	83,83,91	0.0	0.0	0.0	0,0,0	3.30e-03	3.14e-03	3.08e-03	82,87,92
	20.0	3.29e-03	2.24e-03	3.69e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	40.0	3.64e-03	2.43e-03	4.67e-03	83,83,91	0.0	0.0	0.0	0,0,0				
232	0.0	2.85e-03	1.93e-03	3.31e-03	83,83,91	0.0	0.0	0.0	0,0,0	3.34e-03	3.16e-03	3.08e-03	82,87,92
	20.0	3.85e-03	2.54e-03	4.13e-03	81,81,92	0.0	0.0	0.0	0,0,0				
	40.0	4.34e-03	2.81e-03	5.28e-03	83,83,91	0.0	0.0	0.0	0,0,0				
233	0.0	0.01	0.01	0.01	81,81,92	0.0	0.0	0.0	0,0,0	-3.49e-03	-3.25e-03	-3.15e-03	81,87,92
	19.3	0.01	9.62e-03	0.01	81,81,92	0.0	0.0	0.0	0,0,0				
	38.7	2.62e-03	1.77e-03	3.04e-03	83,83,91	0.0	0.0	0.0	0,0,0				
234	0.0	0.03	0.05	0.03	81,82,92	0.0	0.0	0.0	0,0,0	-4.29e-03	-3.94e-03	-3.80e-03	81,87,92
	19.3	0.02	0.04	0.03	81,82,92	0.0	0.0	0.0	0,0,0				
	38.7	0.01	0.01	0.01	81,81,92	0.0	0.0	0.0	0,0,0				
235	0.0	0.05	0.11	0.06	82,82,92	0.0	0.0	0.0	0,0,0	6.01e-03	5.52e-03	5.32e-03	81,87,92
	19.3	0.05	0.09	0.05	82,82,92	0.0	0.0	0.0	0,0,0				
	38.7	0.03	0.05	0.03	81,82,92	0.0	0.0	0.0	0,0,0				
267	0.0	0.06	0.13	0.08	82,82,92	0.0	0.0	0.0	0,0,0	-8.89e-03	-8.20e-03	-7.93e-03	81,87,92
	19.5	0.06	0.13	0.08	82,82,92	0.0	0.0	0.0	0,0,0				
	39.0	0.05	0.10	0.06	82,82,92	0.0	0.0	0.0	0,0,0				
Trave		rRfck	rRfyk	rPfck		wR	wF	wP		dR	dF	dP	
										-0.05	-0.05	-0.05	
		0.15	0.39	0.18		0.0	0.0	0.0		0.03	0.03	0.03	

VERIFICHE ELEMENTI MURATURA

LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica. Le verifiche sono state condotte secondo le Norme Tecniche 17 Gennaio 2018.

In particolare sono previste le seguenti verifiche:

Par. 4.5.6.2 Verifiche SLU con riferimento in particolare a carichi laterali (fuori dal piano del muro) in assenza di sisma e a stabilità

Par. 7.8.2.2.3 Verifiche a pressoflessione per carichi laterali (fuori dal piano del muro) in presenza di sisma

Par. 7.8.2.2.1 Verifiche a pressoflessione nel piano del muro (in tutte le combinazioni)

Par. 7.8.2.2.2 Verifiche a taglio per azioni nel piano del muro (in tutte le combinazioni)

Par. 7.8.2.2.4 Travi in muratura, con riferimento alle verifiche a flessione e taglio

Con riferimento ai punti succitati le verifiche vengono così tabulate:

Setto/Fascia/Elem.	numero del macroelemento (D3) o elemento (D2) considerato	
Mat.	Materiale	
s=,m=	Indice della sezione e del materiale assegnati all' elemento (per D2)	
Spessore	spessore dell'elemento	
h0/t	valore della snellezza convenzionale	
lambda	valore della snellezza meccanica (EC-6 F.3)	
Gamma non sis.	coefficiente parziale di sicurezza per combinazioni non sismiche	
Gamma sis.	coefficiente parziale di sicurezza per combinazioni sismiche	
Stato	ok L	elemento verificato (stati limite ultimi)
	ok T	elemento verificato (tensioni)
	NV L	elemento non verificato (stati limite ultimi)
	NV T	elemento non verificato (tensioni)

Nodo/Pos.	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
Ecc/t (M)	massimo valore del rapporto $e1/t$ o $e2/t$
Ecc/L (M)	massimo valore dell'eccentricità longitudinale rapportato alla base
Ecc/t	valore del rapporto di eccentricità trasversale utilizzato per le verifiche del cap. 4.5.6.2 (Ver. Ned)
Ecc/L	valore del rapporto di eccentricità longitudinale utilizzato per le verifiche del cap. 4.5.6.2 (Ver. Ned) come da circolare 21-01-19
Fi t	fattore f_i per la riduzione della resistenza in funzione dell'eccentricità trasversale calcolato con Ecc/t
Fi L	fattore f_i per la riduzione della resistenza in funzione dell'eccentricità longitudinale calcolato con Ecc/L come da circolare 21-01-19
Ned / t	tensione verticale agente in combinazione SLU
fd rid	tensione verticale di progetto ridotta dal prodotto dei fattori $F_i t$ e $F_i L$
Ver. Ned	rapporto Ned / NRd per combinazioni SLU
Mp	momento di progetto agente nel piano del setto (per combinazioni SLU e SLV)
Mo	momento di progetto agente ortogonalmente al piano del setto (per combinazioni SLV)
V	taglio di progetto agente nel piano del setto (per combinazioni SLU e SLV)
Mup	momento resistente nel piano del setto – Par. 7.8.2.2.1
Muo	momento resistente agente ortogonalmente al piano del setto – Par. 7.8.2.2.3
Vu	taglio resistente nel piano - Par. 7.8.2.2.2 (MC) e per edifici esistenti anche C8.7.1.16 (TC) e C8.7.1.16 (MM) come da circolare 21-01-19
Ver. Mp	rapporto tra il momento di progetto agente nel piano del setto e il momento resistente
Ver. Mo	rapporto tra il momento di progetto agente ortogonalmente al piano del setto e il momento resistente; per elementi rinforzati se necessario viene separato M_o e $M_o(S)$ rispettivamente per combinazioni statiche e

	sismiche
Ver. V	rapporto il taglio di progetto e il taglio ultimo
Ver. V	rapporto tra il taglio di progetto e il minore dei tagli resistenti V_p e V_t in relazione alla verifica del par. 7.8.2.2.3 (per elementi fascia)
Rif. cmb	Combinazioni in cui si hanno i massimi valori dei rapporti Ver. M_p , Ver. M_o , Ver. V

Affinché l'elemento sia verificato deve essere:

h_0/t	non superiore a 20 e al limite imposto per zona sismica e tecnica costruttiva
Ecc/t (M)	non superiore a 0.33
Ver. Ned,	non superiore a 1
Ver. M_p,	
Ver. M_o,	
Ver. V	

Per elementi consolidati secondo il paragrafo C8.5.3.1 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con FRP il programma implementa le verifiche previste dalle "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009. Per questi elementi vengono effettuate le verifiche di resistenza previste al cap. 4.4.1.1.2 flessione ortogonale in assenza/presenza di sisma, 4.4.1.2 flessione e taglio nel piano. Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Per elementi consolidati con FRCM il programma implementa le verifiche previste dalle CNR-DT 215/2018 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica"

Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Le tabelle riportano inoltre i seguenti parametri:

Fibra	Tipo di fibra del fibrorinforzo
E fibror.	Modulo elastico del fibrorinforzo
epsr	Dilatazione di rottura del fibrorinforzo
epsd	Dilatazione di calcolo
epsd(s)	Dilatazione di calcolo per combinazioni sismiche
Spess.	Spessore del fibrorinforzo, il programma prevede l'applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
AO fib.	Area orizzontale complessiva di fibrorinforzo per metro lineare
AV fib.	Area verticale complessiva di fibrorinforzo per metro lineare

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Setto	Mat.	Spessore	h_0/t	λ	Gamma non sis.	Gamma sis.	Stato
		cm					
1	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
2	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
3	interna	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
4	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
12	interna	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
40	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
41	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
42	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
43	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
44	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
45	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
46	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
47	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
48	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
49	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
50	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
51	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
52	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
53	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
54	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
55	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
56	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
57	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
58	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
59	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
60	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
61	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
62	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
63	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
64	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
65	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
66	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
67	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
68	interna	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
70	base	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
71	base	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
72	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
73	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
74	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
75	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
76	base	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
77	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
78	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
79	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
80	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
81	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
82	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
83	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
84	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
85	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
86	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
87	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
88	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
89	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
90	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
91	base	0.04	0.0	0.04	0.0	0.84	1.00	2.33	6.08	0.38	4
92	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
93	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
94	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
95	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4
96	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.59	6.12	0.42	4
97	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
98	interna	0.04	0.0	0.04	0.0	0.85	1.00	2.88	6.17	0.47	4
99	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.40	6.33	0.38	4
100	cima	0.03	0.0	0.03	0.0	0.88	1.00	2.02	6.38	0.32	4

Nodo Ver. Ned
0.47

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
7	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
8	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
9	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
10	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
11	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
29	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
69	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
137	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
138	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
139	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
140	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
141	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
144	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
150	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
179	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
200	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
201	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
202	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
203	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
204	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
205	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
206	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
207	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
208	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
209	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
210	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
211	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
212	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
213	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
214	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
215	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
216	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
217	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
218	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
219	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
220	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
221	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
222	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
223	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
224	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
225	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
226	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
227	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
228	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
229	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
230	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
231	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
232	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
233	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
234	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
235	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
236	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
237	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
238	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
239	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
240	base	0.03	0.0	0.03	0.0	0.87	1.00	2.99	6.29	0.48	4
241	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
242	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
243	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
244	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4
245	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
246	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
247	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
254	interna	0.03	0.0	0.03	0.0	0.88	1.00	3.06	6.36	0.48	4
259	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.11	6.44	0.48	4
261	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
265	interna	0.03	0.0	0.03	0.0	0.89	1.00	3.12	6.44	0.48	4
267	cima	0.03	0.0	0.03	0.0	0.89	1.00	2.74	6.45	0.42	4

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
3	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
9	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
13	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
14	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
15	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
16	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
33	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
36	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
37	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
38	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
96	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
97	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
98	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
99	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
100	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
101	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
102	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
103	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
104	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
105	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
106	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
107	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
108	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
109	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
110	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
111	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
112	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
113	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
114	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
115	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
116	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
117	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
118	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
119	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
120	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
121	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
122	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
123	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
124	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
125	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
126	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
127	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
128	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
129	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
130	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
131	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
132	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
133	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
134	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
135	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
136	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
137	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
138	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
139	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
140	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
141	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
142	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
143	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
145	base	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
146	base	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
147	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
148	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
149	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
151	base	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
152	base	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
153	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
248	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4

249	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
250	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
251	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
252	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
257	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
258	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
263	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
264	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
269	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
270	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
271	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
272	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
273	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
274	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
275	interna	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
276	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
277	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
278	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
279	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
280	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
281	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
282	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
283	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
284	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
285	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
286	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
287	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
288	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
289	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
290	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
291	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
292	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
293	base	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
294	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
295	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
296	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
297	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
298	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
299	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
300	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
301	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
302	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
303	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
304	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
305	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
306	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
307	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
308	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
309	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
310	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
311	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
312	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
313	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
314	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
315	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
316	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
317	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
318	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
319	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
320	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
321	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
322	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
323	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
324	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
325	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
326	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
327	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
328	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
329	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
330	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
331	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
332	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
333	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
334	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
335	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
336	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
337	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4

338	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.00	6.00	0.33	4
339	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
340	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
341	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
342	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
343	interna	0.04	0.0	0.04	0.0	0.83	1.00	2.27	5.98	0.38	4
344	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
345	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.35	5.89	0.40	4
346	interna	0.04	0.0	0.04	0.0	0.82	1.00	2.07	5.90	0.35	4
347	cima	0.04	0.0	0.04	0.0	0.84	1.00	1.67	6.04	0.28	4
583	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
584	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
585	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
586	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
587	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
588	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
589	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
590	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
591	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
592	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
593	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
594	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
595	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
596	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
597	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
598	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
599	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4
600	base	0.04	0.0	0.04	0.0	0.82	1.00	1.70	5.96	0.29	4

Nodo

Ver. Ned
0.40

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
1	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
9	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
13	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
14	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
15	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
16	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
33	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
36	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
37	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
38	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
96	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
97	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
98	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
99	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
100	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
101	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
102	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
103	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
104	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
105	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
106	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
107	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
108	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
109	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
110	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
111	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
112	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
113	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
114	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
115	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
116	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
117	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
118	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
119	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
120	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
121	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
122	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
123	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
124	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
125	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
126	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
127	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27

128	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
129	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
130	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
131	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
132	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
133	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
134	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
135	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
136	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
137	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
138	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
139	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
140	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
141	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
142	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
143	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
145	1.663e+07	4.938e+04	6526.5	6.461e+07	1.655e+06	4.477e+04	0.26	0.03	0.15 (MM)	3,34,27
146	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
147	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
148	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
149	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
151	1.663e+07	4.938e+04	6526.5	6.461e+07	1.655e+06	4.477e+04	0.26	0.03	0.15 (MM)	3,34,27
152	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
153	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
248	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
249	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
250	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
251	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
252	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
257	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
258	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
263	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
264	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
269	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
270	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
271	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
272	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
273	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
274	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
275	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
276	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
277	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
278	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
279	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
280	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
281	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
282	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
283	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
284	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
285	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
286	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
287	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
288	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
289	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
290	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
291	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
292	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
293	5.569e+06	4.820e+04	2873.9	2.482e+07	1.144e+06	2.922e+04	0.22	0.04	0.10 (MM)	21,34,30
294	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
295	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
296	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
297	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
298	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
299	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
300	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
301	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
302	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
303	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
304	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
305	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
306	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
307	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
308	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
309	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
310	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
311	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
312	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27

313	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
314	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
315	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
316	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
317	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
318	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
319	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
320	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
321	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
322	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
323	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
324	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
325	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
326	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
327	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
328	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
329	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
330	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
331	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
332	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
333	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
334	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
335	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
336	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
337	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
338	5.569e+06	2.600e+04	1503.6	2.482e+07	5.174e+05	1.323e+04	0.22	0.05	0.11 (MM)	21,36,30
339	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
340	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
341	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
342	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
343	1.677e+07	4.820e+04	4910.8	6.854e+07	1.144e+06	4.608e+04	0.24	0.04	0.11 (MM)	3,34,27
344	2.116e+07	7.164e+04	6486.1	6.720e+07	1.798e+06	4.560e+04	0.31	0.04	0.14 (MM)	3,34,27
345	2.116e+07	6.869e+04	6526.5	6.720e+07	1.748e+06	4.477e+04	0.31	0.04	0.15 (MM)	3,36,27
346	1.663e+07	4.938e+04	6725.0	6.461e+07	1.655e+06	4.383e+04	0.26	0.03	0.15 (MM)	3,34,27
347	1.019e+07	2.504e+04	6725.0	5.165e+07	1.544e+06	4.383e+04	0.20	0.02	0.15 (MM)	21,34,27
583	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
584	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
585	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
586	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
587	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
588	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
589	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
590	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
591	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
592	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
593	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
594	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
595	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
596	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
597	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
598	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30
599	1.941e+05	2.600e+04	1503.6	5.562e+06	5.174e+05	1.323e+04	0.03	0.05	0.11 (MM)	15,36,30
600	1.941e+05	2.318e+04	1395.4	5.562e+06	5.315e+05	1.335e+04	0.03	0.04	0.10 (MM)	15,36,30

Nodo

Ver. Mp 0.31 Ver. Mo 0.05

Ver. V 0.15

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
4	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
2	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
5	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
6	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
7	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
40	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
43	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
45	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
47	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4

49	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
154	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
155	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
156	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
157	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
158	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
159	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
160	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
161	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
162	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
163	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
164	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
165	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
166	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
167	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
168	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
169	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
170	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
171	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
172	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
173	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
174	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
175	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
176	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
177	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
178	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
180	base	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
181	base	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
182	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
183	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
184	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
185	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
186	base	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
187	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
188	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
189	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
190	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
191	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
192	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
193	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
194	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
195	base	0.03	0.0	0.03	0.0	0.88	1.00	2.19	6.38	0.34	4
196	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
197	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
198	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
199	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4
200	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.43	6.35	0.38	4
201	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
202	interna	0.03	0.0	0.03	0.0	0.88	1.00	2.68	6.34	0.42	4
203	interna	0.03	0.0	0.03	0.0	0.89	1.00	2.16	6.40	0.34	4
204	cima	0.03	0.0	0.03	0.0	0.89	1.00	1.75	6.42	0.27	4

Nodo

Ver. Ned
0.42

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
2	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
5	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
6	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
7	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
40	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
43	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
45	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
47	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
49	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
154	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
155	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
156	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
157	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
158	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
159	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
160	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
161	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
162	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
163	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20

164	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
165	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
166	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
167	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
168	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
169	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
170	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
171	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
172	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
173	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
174	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
175	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
176	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
177	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
178	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
180	3.380e+05	1.541e+04	1886.9	7.503e+06	6.289e+05	1.568e+04	0.05	0.02	0.12 (MM)	30,45,20
181	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
182	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
183	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
184	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
185	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
186	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
187	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
188	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
189	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
190	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
191	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
192	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
193	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
194	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
195	4.453e+05	3.424e+04	1373.5	8.432e+06	6.941e+05	1.643e+04	0.05	0.05	0.08 (MM)	30,43,20
196	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
197	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
198	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
199	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20
200	4.453e+05	3.424e+04	1581.5	8.432e+06	6.941e+05	1.628e+04	0.05	0.05	0.10 (MM)	30,43,20
201	3.540e+05	3.110e+04	1683.7	8.222e+06	6.781e+05	1.600e+04	0.04	0.05	0.11 (MM)	30,43,20
202	3.380e+05	2.414e+04	1886.9	7.503e+06	6.629e+05	1.568e+04	0.05	0.04	0.12 (MM)	30,45,20
203	5.001e+05	1.541e+04	1958.7	7.162e+06	6.289e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,45,20
204	5.001e+05	1.264e+04	1958.7	7.162e+06	7.203e+05	1.530e+04	0.07	0.02	0.13 (MM)	1,44,20

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.07

0.05

0.13

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
5	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	4.3	0.18	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
23	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
24	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
25	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
26	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
27	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
28	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
29	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
30	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
34	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
253	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
254	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
255	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
256	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
259	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
260	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
261	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
262	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
265	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
266	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
267	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
268	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4

361	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
371	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
469	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
472	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
473	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
474	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
475	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
480	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
481	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
482	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
483	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
484	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
485	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
486	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
487	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
488	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
489	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
490	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
491	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
492	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
493	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
494	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
495	base	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
496	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
497	base	0.03	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
498	base	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
499	base	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
500	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
501	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
502	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
503	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
504	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
505	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
506	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
507	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
508	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
509	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
510	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
511	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
512	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
513	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
514	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
515	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
516	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
517	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
518	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
519	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
520	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
521	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
522	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
523	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
524	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
525	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
526	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
527	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
528	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
529	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
530	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
531	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
532	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
533	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
534	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
535	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
536	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
537	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
538	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
539	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
540	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
541	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
542	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
543	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
544	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
545	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
546	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
547	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
548	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
549	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4

550	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
551	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
552	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
553	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
554	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
555	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
556	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
557	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
558	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
559	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
560	base	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
561	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
562	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
563	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
564	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
565	base	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
566	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
567	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
568	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
569	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
570	interna	0.04	0.0	0.03	0.0	0.88	1.00	1.72	6.32	0.27	4
571	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
572	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.57	6.28	0.25	4
573	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
574	base	0.03	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
575	interna	0.03	0.0	0.03	0.0	0.89	1.00	1.84	6.39	0.29	4
576	base	0.03	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
577	interna	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
578	base	0.04	0.0	0.03	0.0	0.89	1.00	1.45	6.40	0.23	4
579	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
580	cima	0.04	0.0	0.03	0.0	0.87	1.00	1.16	6.29	0.19	4
636	interna	0.04	0.0	0.03	0.0	0.87	1.00	1.18	6.30	0.19	4

Nodo

Ver. Ned
0.29

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
23	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
24	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
25	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
26	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
27	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
28	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
29	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
30	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
34	1.480e+06	3.361e+04	7156.0	1.773e+07	9.169e+05	2.684e+04	0.08	0.04	0.27 (MM)	46,38,20
253	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
254	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
255	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
256	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
259	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
260	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
261	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
262	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
265	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
266	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
267	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
268	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
361	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
371	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
469	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
472	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
473	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
474	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
475	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
480	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
481	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
482	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
483	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
484	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
485	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
486	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
487	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
488	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
489	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20

490	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
491	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
492	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
493	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
494	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
495	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
496	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
497	1.203e+06	2.622e+04	6339.0	1.806e+07	1.020e+06	2.755e+04	0.07	0.03	0.23 (MM)	30,34,20
498	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
499	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
500	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
501	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
502	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
503	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
504	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
505	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
506	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
507	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
508	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
509	1.480e+06	3.361e+04	7156.0	1.773e+07	9.169e+05	2.684e+04	0.08	0.04	0.27 (MM)	46,38,20
510	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
511	1.480e+06	3.361e+04	7156.0	1.773e+07	9.169e+05	2.684e+04	0.08	0.04	0.27 (MM)	46,38,20
512	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
513	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
514	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
515	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
516	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
517	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
518	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
519	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
520	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
521	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
522	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
523	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
524	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
525	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
526	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
527	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
528	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
529	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
530	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
531	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
532	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
533	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
534	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
535	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
536	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
537	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
538	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
539	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
540	1.480e+06	3.361e+04	7156.0	1.773e+07	9.169e+05	2.684e+04	0.08	0.04	0.27 (MM)	46,38,20
541	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
542	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
543	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
544	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
545	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
546	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
547	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
548	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
549	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
550	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
551	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
552	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
553	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
554	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
555	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
556	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
557	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
558	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
559	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
560	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
561	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
562	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
563	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
564	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
565	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
566	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20

567	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
568	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
569	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
570	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
571	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
572	1.895e+06	7.062e+04	6575.4	2.223e+07	1.050e+06	2.923e+04	0.09	0.07	0.22 (MM)	30,31,20
573	1.647e+06	5.790e+04	6413.6	2.136e+07	1.009e+06	2.890e+04	0.08	0.06	0.22 (MM)	30,31,20
574	1.203e+06	2.622e+04	6339.0	1.806e+07	1.020e+06	2.755e+04	0.07	0.03	0.23 (MM)	30,34,20
575	1.358e+06	3.671e+04	6339.0	1.974e+07	9.336e+05	2.755e+04	0.07	0.04	0.23 (MM)	30,31,20
576	1.203e+06	2.622e+04	6339.0	1.806e+07	1.020e+06	2.755e+04	0.07	0.03	0.23 (MM)	30,34,20
577	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
578	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
579	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
580	1.419e+06	3.267e+04	6984.6	1.798e+07	9.322e+05	2.693e+04	0.08	0.04	0.26 (MM)	46,34,20
636	1.480e+06	3.361e+04	7156.0	1.773e+07	9.169e+05	2.684e+04	0.08	0.04	0.27 (MM)	46,38,20

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.09

0.07

0.27

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
6	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
16	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
17	base	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
21	base	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
22	base	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
23	base	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
31	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
32	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
35	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
39	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
343	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
344	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
345	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
346	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
347	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
348	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
349	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
350	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
351	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
352	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
353	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
354	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
355	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
356	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
357	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
358	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
359	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
360	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
362	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
363	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
364	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
365	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
366	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
367	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
368	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
369	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
370	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
372	base	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
373	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
374	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
375	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
455	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
456	base	0.04	0.0	0.04	0.0	0.83	1.00	1.53	5.96	0.26	4
457	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
458	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
459	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
460	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11

461	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
462	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
463	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
464	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
465	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
466	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
467	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
468	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
469	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
470	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
471	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
472	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
473	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.36	6.02	0.23	11
474	interna	0.05	0.0	0.04	0.0	0.83	1.00	1.33	6.00	0.22	11
475	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
476	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
477	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.11	5.78	0.19	11
478	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
479	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.66	5.99	0.28	4
581	cima	0.04	0.0	0.04	0.0	0.82	1.00	1.07	5.92	0.18	4
582	cima	0.04	0.0	0.04	0.0	0.82	1.00	1.07	5.92	0.18	4
599	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
600	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
619	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
620	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
631	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
632	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
633	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
634	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4
635	base	0.04	0.0	0.04	0.0	0.83	1.00	1.22	5.97	0.20	4

Nodo

Ver. Ned
0.28

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
16	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
17	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
21	5.203e+05	7913.3	1014.1	2.592e+06	3.578e+05	1.082e+04	0.20	0.02	0.09 (MM)	45,15,36
22	5.203e+05	7913.3	1014.1	2.592e+06	3.578e+05	1.082e+04	0.20	0.02	0.09 (MM)	45,15,36
23	5.203e+05	7913.3	1014.1	2.592e+06	3.578e+05	1.082e+04	0.20	0.02	0.09 (MM)	45,15,36
31	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
32	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34
35	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
39	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
343	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
344	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
345	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
346	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
347	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
348	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
349	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
350	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
351	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
352	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
353	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
354	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
355	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
356	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
357	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
358	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
359	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
360	5.664e+05	9728.4	1981.1	5.185e+06	5.004e+05	1.501e+04	0.11	0.02	0.13 (MM)	44,15,36
362	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
363	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
364	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
365	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
366	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
367	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
368	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
369	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
370	5.664e+05	9728.4	1981.1	5.185e+06	5.004e+05	1.501e+04	0.11	0.02	0.13 (MM)	44,15,36
372	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
373	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
374	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
375	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36

455	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
456	5.203e+05	7913.3	1014.1	2.592e+06	3.578e+05	1.082e+04	0.20	0.02	0.09 (MM)	45,15,36
457	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
458	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
459	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
460	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
461	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
462	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
463	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
464	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
465	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
466	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
467	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
468	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
469	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
470	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
471	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
472	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
473	1.190e+06	1.190e+04	2335.5	4.853e+06	4.123e+05	1.500e+04	0.25	0.03	0.16 (MM)	34,25,36
474	1.190e+06	3.344e+04	2410.0	4.853e+06	3.973e+05	1.487e+04	0.25	0.08	0.16 (MM)	34,29,36
475	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
476	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
477	7.321e+05	3.344e+04	2410.0	4.682e+06	3.973e+05	1.487e+04	0.16	0.08	0.16 (MM)	34,29,36
478	5.203e+05	7913.3	1981.1	2.592e+06	3.578e+05	1.501e+04	0.20	0.02	0.13 (MM)	45,15,36
479	1.098e+06	9728.4	2267.3	4.985e+06	5.004e+05	1.510e+04	0.22	0.02	0.15 (MM)	34,15,36
581	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
582	5.909e+05	5744.1	578.8	1.469e+06	2.392e+05	5202.5	0.40	0.02	0.11 (MM)	4,24,37
599	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34
600	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
619	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34
620	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
631	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34
632	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
633	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34
634	3.578e+05	6069.4	757.9	1.437e+06	2.686e+05	5133.6	0.25	0.02	0.15 (MM)	31,24,34
635	5.909e+05	5744.1	757.9	1.469e+06	2.392e+05	5133.6	0.40	0.02	0.15 (MM)	4,24,34

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.40 0.08

0.16

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
7	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
17	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
18	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
359	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
362	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
364	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
366	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
368	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
376	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
377	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
378	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
379	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
380	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
381	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
382	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
383	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
384	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
385	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
386	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
387	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
388	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
389	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
390	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
391	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
392	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
393	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4

394	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
395	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
396	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
397	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
398	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
399	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
400	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
401	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
402	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
403	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
404	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
405	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
406	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
407	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
408	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
409	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
410	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
411	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
412	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
413	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
414	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
415	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
416	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
417	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
418	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
419	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
420	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
421	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
422	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
423	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.34	5.79	0.23	4
424	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
425	interna	0.05	0.0	0.05	0.0	0.81	1.00	1.17	5.83	0.20	4
426	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.98	5.92	0.17	4
427	interna	0.04	0.0	0.04	0.0	0.82	1.00	0.81	5.95	0.14	4
428	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.64	6.01	0.11	4
601	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
602	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
603	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
604	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
605	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
606	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
607	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
608	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
609	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
610	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
611	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
612	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
613	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
614	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
615	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
616	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
617	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
618	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4
619	interna	0.04	0.0	0.04	0.0	0.82	1.00	1.43	5.95	0.24	4
620	base	0.04	0.0	0.04	0.0	0.84	1.00	1.41	6.04	0.23	4

Nodo

Ver. Ned
0.24

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
17	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
18	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
359	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
362	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
364	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
366	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
368	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
376	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
377	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
378	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
379	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
380	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
381	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
382	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
383	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9

384	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
385	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
386	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
387	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
388	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
389	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
390	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
391	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
392	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
393	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
394	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
395	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
396	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
397	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
398	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
399	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
400	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
401	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
402	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
403	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
404	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
405	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
406	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
407	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
408	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
409	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
410	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
411	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
412	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
413	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
414	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
415	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
416	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
417	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
418	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
419	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
420	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
421	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
422	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
423	7.110e+05	2.511e+04	4420.8	3.111e+06	4.385e+05	9610.3	0.23	0.06	0.46 (MM)	12,37,9
424	8.013e+05	2.511e+04	3865.0	3.626e+06	4.385e+05	1.014e+04	0.22	0.06	0.38 (MM)	12,37,9
425	5.772e+05	1.969e+04	4525.6	2.496e+06	3.789e+05	8984.1	0.23	0.05	0.50 (MM)	12,37,9
426	4.808e+05	8709.3	4625.6	1.898e+06	3.108e+05	8370.7	0.25	0.03	0.55 (MM)	12,37,9
427	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
428	3.351e+05	5469.0	4396.7	1.244e+06	1.652e+05	7682.4	0.27	0.03	0.57 (MM)	12,34,9
601	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
602	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
603	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
604	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
605	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
606	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
607	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
608	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
609	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
610	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
611	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
612	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
613	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
614	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
615	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
616	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
617	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
618	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9
619	7.544e+05	1.822e+04	3302.9	4.345e+06	4.684e+05	1.040e+04	0.17	0.04	0.32 (MM)	15,37,9
620	5.060e+05	1.661e+04	3155.3	4.314e+06	4.721e+05	1.038e+04	0.12	0.04	0.30 (MM)	15,34,9

Nodo

Ver. Mp

0.27

Ver. Mo

0.06

Ver. V

0.57

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
8	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	50.0	6.0	0.25	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
15	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
18	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
19	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
20	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
298	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
299	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
300	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
301	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
302	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
376	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
379	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
381	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
383	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
385	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
429	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
430	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
431	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
432	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
433	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
434	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
435	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
436	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
437	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
438	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
439	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
440	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
441	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.17	5.86	0.20	4
442	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
443	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
444	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
445	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
446	interna	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.92	0.23	4
447	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
448	interna	0.04	0.0	0.04	0.0	0.83	1.00	1.12	5.97	0.19	4
449	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
450	cima	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
451	cima	0.05	0.0	0.05	0.0	0.80	1.00	1.07	5.78	0.19	4
452	interna	0.05	0.0	0.05	0.0	0.80	1.00	1.24	5.80	0.21	4
453	interna	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
454	interna	0.04	0.0	0.04	0.0	0.83	1.00	0.59	6.01	0.10	4
583	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
585	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
601	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
603	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
621	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
622	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
623	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
624	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
625	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
626	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
627	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
628	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
629	base	0.05	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4
630	base	0.04	0.0	0.04	0.0	0.82	1.00	1.37	5.94	0.23	4

Nodo Ver. Ned
0.23

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
15	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
18	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
19	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
20	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
298	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
299	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9
300	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
301	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
302	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
376	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
379	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9

381	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
383	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
385	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
429	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
430	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
431	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9
432	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
433	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
434	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
435	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
436	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9
437	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
438	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
439	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
440	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
441	2.791e+05	8713.9	1659.9	8.515e+05	2.150e+05	3994.5	0.33	0.04	0.42 (MM)	12,29,9
442	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
443	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9
444	2.403e+05	5445.0	1363.2	6.920e+05	1.797e+05	3781.5	0.35	0.03	0.36 (MM)	12,26,9
445	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
446	1.994e+05	2908.6	1363.8	5.195e+05	1.174e+05	3349.3	0.38	0.02	0.41 (MM)	12,37,9
447	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
448	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
449	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
450	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
451	2.740e+05	8713.9	1659.9	1.017e+06	2.150e+05	3994.5	0.27	0.04	0.42 (MM)	12,29,9
452	2.740e+05	1.037e+04	1755.0	1.017e+06	2.476e+05	4211.1	0.27	0.04	0.42 (MM)	12,30,9
453	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
454	1.525e+05	2187.4	2010.1	3.061e+05	7.501e+04	2991.3	0.50	0.03	0.67 (TC)	12,31,9
583	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
585	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
601	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
603	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
621	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
622	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
623	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
624	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
625	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
626	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
627	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
628	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9
629	2.180e+05	1.037e+04	1755.0	1.183e+06	2.476e+05	4211.1	0.18	0.04	0.42 (MM)	12,30,9
630	1.543e+05	8992.6	1651.2	1.288e+06	2.716e+05	4350.9	0.12	0.03	0.38 (MM)	12,30,9

Nodo

Ver. Mp Ver. Mo
0.50 0.04

Ver. V
0.67

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
9	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
100	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
108	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
114	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
119	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
129	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
130	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
136	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
141	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
147	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
153	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
252	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
264	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
270	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
275	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
280	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
286	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
297	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
302	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4

308	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
314	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
320	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
325	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
336	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
342	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
347	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
637	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
638	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
639	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
640	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
641	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
642	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
643	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
644	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
645	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
646	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
647	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
648	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
649	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
650	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
651	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
652	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
653	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
654	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
655	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
656	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
657	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
658	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
659	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
660	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
661	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
662	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
663	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
664	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
665	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
666	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
667	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
668	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
669	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
670	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
671	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
672	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
673	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
674	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
675	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
676	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
677	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
678	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
679	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
680	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
681	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
682	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
683	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
684	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
685	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
686	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
687	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
688	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
689	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
690	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
691	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
692	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
693	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
694	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
695	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
696	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
697	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
698	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
699	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
700	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
701	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
702	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
703	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
704	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
705	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
706	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11

707	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
708	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
709	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
710	cima	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
711	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
712	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
713	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
714	base	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
715	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
716	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
797	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
798	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
799	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
800	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
801	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
802	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
803	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
804	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
806	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
807	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
808	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
809	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
810	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
811	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
812	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
813	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
814	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
815	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
816	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
817	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
818	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
819	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
820	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
821	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
822	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
823	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
824	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
825	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
826	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
827	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
828	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
829	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
830	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
831	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
832	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
833	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
834	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
835	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
836	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
837	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
838	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
839	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
840	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
841	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
842	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
843	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
844	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
845	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
846	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
847	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
848	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
849	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
850	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
851	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
852	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
854	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
855	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
856	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
857	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
858	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
859	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
860	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
861	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
862	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
863	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
864	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
865	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11

866	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
867	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
868	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1013	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1014	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1015	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1016	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1017	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1018	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1019	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1020	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1021	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1022	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1023	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1024	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1025	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1026	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1027	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1028	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1029	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1030	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1031	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1032	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1033	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1034	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1035	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1036	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1037	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1038	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1039	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1040	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1041	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1042	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1043	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1044	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1050	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1051	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1052	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1053	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1054	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1055	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1056	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1057	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1058	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1059	base	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1060	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1061	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1062	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1063	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1064	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1065	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1066	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1067	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1068	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1069	base	0.06	0.0	0.06	0.0	0.70	1.00	2.10	5.06	0.41	4
1070	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.09	0.40	4
1071	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.91	5.13	0.37	4
1072	interna	0.06	0.0	0.05	0.0	0.72	1.00	1.80	5.17	0.35	11
1073	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.65	5.14	0.32	11
1074	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.47	5.10	0.29	11
1075	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.12	5.06	0.22	11
1076	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11
1299	cima	0.06	0.0	0.06	0.0	0.69	1.00	0.82	5.02	0.16	11

Nodo

Ver. Ned
0.41

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
100	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
108	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
114	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
119	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
129	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
130	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
136	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27

141	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
147	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
153	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
252	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
264	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
270	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
275	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
280	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
286	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
297	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
302	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
308	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
314	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
320	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
325	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
336	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
342	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
347	5.066e+06	3.713e+04	6487.8	4.304e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
637	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
638	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
639	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
640	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
641	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
642	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
643	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
644	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
645	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
646	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
647	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
648	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
649	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
650	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
651	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
652	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
653	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
654	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
655	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
656	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
657	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
658	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
659	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
660	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
661	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
662	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
663	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
664	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
665	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
666	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
667	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
668	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
669	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
670	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
671	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
672	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
673	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
674	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
675	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
676	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
677	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
678	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
679	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
680	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
681	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
682	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
683	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
684	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
685	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
686	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
687	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
688	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
689	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
690	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
691	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
692	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
693	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
694	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
695	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27

696	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
697	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
698	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
699	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
700	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
701	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
702	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
703	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
704	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
705	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
706	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
707	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
708	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
709	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
710	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
711	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
712	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
713	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
714	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
715	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
716	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
797	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
798	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
799	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
800	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
801	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
802	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
803	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
804	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
806	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
807	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
808	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
809	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
810	6.762e+06	3.442e+04	5343.4	2.662e+07	7.643e+05	3.107e+04	0.25	0.05	0.17 (MM)	25,33,27
811	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
812	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
813	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
814	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
815	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
816	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
817	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
818	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
819	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
820	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
821	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
822	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
823	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
824	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
825	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
826	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
827	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
828	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
829	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
830	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
831	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
832	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
833	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
834	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
835	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
836	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
837	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
838	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
839	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
840	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
841	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
842	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
843	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
844	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
845	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
846	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
847	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
848	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
849	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
850	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
851	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
852	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
854	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27

855	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
856	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
857	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
858	6.762e+06	3.442e+04	5343.4	2.662e+07	7.643e+05	3.107e+04	0.25	0.05	0.17 (MM)	25,33,27
859	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
860	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
861	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
862	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
863	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
864	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
865	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
866	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
867	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
868	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1013	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1014	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1015	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1016	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1017	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1018	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1019	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1020	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1021	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1022	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1023	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1024	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1025	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1026	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1027	8.067e+06	3.442e+04	5343.4	2.133e+07	7.643e+05	3.107e+04	0.38	0.05	0.17 (MM)	25,33,27
1028	8.067e+06	1.990e+04	3952.4	2.133e+07	6.367e+05	2.986e+04	0.38	0.03	0.13 (MM)	25,33,27
1029	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1030	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1031	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1032	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1033	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1034	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1035	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1036	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1037	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1038	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1039	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1040	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1041	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1042	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1043	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1044	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1050	6.762e+06	3.442e+04	5343.4	2.662e+07	7.643e+05	3.107e+04	0.25	0.05	0.17 (MM)	25,33,27
1051	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1052	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1053	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1054	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1055	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1056	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1057	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1058	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1059	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1060	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1061	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1062	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1063	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1064	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1065	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1066	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1067	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1068	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1069	5.100e+06	3.713e+04	6487.8	4.155e+07	1.266e+06	3.554e+04	0.12	0.03	0.18 (MM)	21,31,27
1070	5.367e+06	2.022e+04	6417.0	3.849e+07	1.221e+06	3.515e+04	0.14	0.02	0.18 (MM)	21,31,27
1071	5.672e+06	2.168e+04	6261.1	3.544e+07	8.500e+05	3.436e+04	0.16	0.03	0.18 (MM)	21,32,27
1072	5.743e+06	3.346e+04	6095.4	3.260e+07	9.467e+05	3.354e+04	0.18	0.04	0.18 (MM)	17,33,27
1073	5.605e+06	3.761e+04	5900.9	2.978e+07	8.589e+05	3.274e+04	0.19	0.04	0.18 (MM)	25,33,27
1074	6.762e+06	3.442e+04	5631.3	2.662e+07	7.643e+05	3.194e+04	0.25	0.05	0.18 (MM)	25,33,27
1075	8.080e+06	3.442e+04	5343.4	2.223e+07	7.643e+05	3.107e+04	0.36	0.05	0.17 (MM)	25,33,27
1076	8.080e+06	1.990e+04	3952.4	2.223e+07	6.367e+05	2.986e+04	0.36	0.03	0.13 (MM)	25,33,27
1299	8.067e+06	1.990e+04	3952.4	2.133e+07	6.367e+05	2.986e+04	0.38	0.03	0.13 (MM)	25,33,27

Ver. Mp	Ver. Mo
0.38	0.05

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
10	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	38.0	9.6	0.40	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
69	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
141	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
179	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
204	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
210	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
216	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
222	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
228	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
233	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
238	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
244	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
709	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
710	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
711	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
712	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
713	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
714	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
715	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
716	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
869	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
870	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
871	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
872	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
873	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
874	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
875	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
876	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
877	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
878	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
879	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
880	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
881	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
882	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
883	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
884	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
885	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
886	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
887	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
888	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
889	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
890	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
891	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
892	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
893	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
894	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
895	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
896	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
897	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
898	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
899	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
900	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
901	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
902	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
903	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
904	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
905	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
906	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
907	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
908	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
909	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
910	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
911	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
912	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
913	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11

914	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
915	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
916	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
917	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
918	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
919	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
920	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
921	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
922	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
923	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
924	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
925	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
926	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
927	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
928	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
929	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
930	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
931	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
932	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
933	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
934	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
935	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
936	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
937	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
938	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
939	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
940	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11
941	base	0.06	0.0	0.06	0.0	0.70	1.00	2.02	5.04	0.40	9
942	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	5.00	0.39	9
943	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.88	4.92	0.38	11
944	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.83	4.92	0.37	11
945	interna	0.06	0.0	0.06	0.0	0.68	1.00	1.76	4.95	0.36	11
946	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.69	4.99	0.34	11
947	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.62	5.04	0.32	11
948	cima	0.06	0.0	0.06	0.0	0.69	1.00	1.51	4.96	0.31	11

Nodo

Ver. Ned
0.40

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
69	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
141	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
179	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
204	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
210	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
216	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
222	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
228	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
233	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
238	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
244	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
709	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
710	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
711	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
712	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
713	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
714	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
715	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
716	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
869	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
870	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
871	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
872	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
873	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
874	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
875	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
876	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
877	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
878	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
879	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
880	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
881	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
882	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
883	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
884	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37

885	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
886	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
887	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
888	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
889	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
890	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
891	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
892	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
893	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
894	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
895	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
896	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
897	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
898	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
899	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
900	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
901	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
902	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
903	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
904	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
905	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
906	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
907	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
908	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
909	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
910	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
911	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
912	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
913	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
914	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
915	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
916	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
917	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
918	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
919	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
920	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
921	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
922	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
923	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
924	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
925	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
926	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
927	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
928	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
929	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
930	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
931	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
932	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
933	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
934	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
935	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
936	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
937	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
938	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
939	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
940	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37
941	6.749e+05	1.250e+04	4216.4	6.218e+06	4.403e+05	1.263e+04	0.11	0.03	0.33 (MM)	44,21,43
942	6.078e+05	9701.3	4126.8	6.060e+06	4.279e+05	1.251e+04	0.10	0.02	0.33 (MM)	44,29,43
943	4.496e+05	1.240e+04	4044.9	5.812e+06	4.260e+05	1.231e+04	0.08	0.03	0.33 (MM)	44,27,34
944	3.757e+05	1.488e+04	3964.3	5.423e+06	4.123e+05	1.215e+04	0.07	0.04	0.33 (MM)	45,27,34
945	3.397e+05	1.488e+04	3862.9	5.179e+06	4.123e+05	1.196e+04	0.07	0.04	0.32 (MM)	45,27,34
946	3.215e+05	1.296e+04	3678.2	4.734e+06	3.965e+05	1.176e+04	0.07	0.03	0.31 (MM)	46,23,34
947	3.114e+05	1.144e+04	3511.5	4.364e+06	3.561e+05	1.154e+04	0.07	0.03	0.30 (MM)	46,15,37
948	3.114e+05	1.144e+04	2882.8	4.364e+06	3.561e+05	1.128e+04	0.07	0.03	0.26 (MM)	46,15,37

Ver. Mp	Ver. Mo	Ver. V
0.11	0.04	0.33

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
11	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
49	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
50	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
56	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
62	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
67	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
72	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
77	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
83	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
89	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
95	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
100	base	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
637	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
639	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
641	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
643	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
645	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
647	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
649	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
651	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
717	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
718	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
719	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
720	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
721	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
722	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
723	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
724	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
725	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
726	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
727	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
728	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
729	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
730	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
731	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
732	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
733	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
734	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
735	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
736	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
737	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
738	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
739	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
740	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
741	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
742	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
743	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
744	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
745	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
746	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
747	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
748	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
749	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
750	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
751	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
752	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
753	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
754	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
755	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
756	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
757	interna	0.06	0.0	0.06	0.0	0.69	1.00	1.96	4.97	0.40	4
762	base	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
763	base	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
764	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
765	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
766	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
767	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
768	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
769	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
770	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
771	base	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
772	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
773	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
774	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
775	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
776	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4

777	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
778	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
779	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
780	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
781	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
782	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
783	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
784	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
785	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
786	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
787	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
788	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4
789	interna	0.06	0.0	0.06	0.0	0.70	1.00	2.19	5.09	0.43	4
790	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
791	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.42	5.15	0.47	4
792	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.31	5.16	0.45	4
793	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.20	5.14	0.43	4
794	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.09	5.13	0.41	4
795	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.71	5.13	0.33	4
796	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.40	5.10	0.27	4

Nodo

Ver. Ned
0.47

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
49	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
50	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
56	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
62	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
67	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
72	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
77	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
83	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
89	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
95	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
100	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
637	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
639	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
641	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
643	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
645	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
647	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
649	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
651	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
717	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
718	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
719	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
720	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
721	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
722	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
723	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
724	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
725	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
726	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
727	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
728	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
729	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
730	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
731	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
732	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
733	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
734	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
735	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
736	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
737	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
738	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
739	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
740	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
741	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
742	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
743	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
744	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
745	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
746	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
747	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43

748	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
749	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
750	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
751	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
752	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
753	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
754	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
755	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
756	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
757	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
762	2.029e+05	4460.8	2616.3	4.675e+06	4.075e+05	1.189e+04	0.04	0.01	0.22 (MM)	36,21,43
763	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
764	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
765	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
766	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
767	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
768	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
769	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
770	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
771	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
772	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
773	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
774	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
775	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
776	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
777	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
778	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
779	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
780	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
781	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
782	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
783	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
784	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
785	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
786	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
787	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
788	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43
789	1.705e+05	2.139e+04	3235.0	6.005e+06	5.331e+05	1.297e+04	0.03	0.04	0.25 (MM)	31,21,43
790	1.524e+05	1.208e+04	3181.0	5.889e+06	5.230e+05	1.288e+04	0.03	0.02	0.25 (MM)	31,21,43
791	1.758e+05	3249.2	3062.9	5.727e+06	4.799e+05	1.269e+04	0.03	6.77e-03	0.24 (MM)	37,30,43
792	2.008e+05	5312.7	2929.4	5.195e+06	4.566e+05	1.250e+04	0.04	0.01	0.23 (MM)	36,18,43
793	2.226e+05	5686.8	2797.2	4.952e+06	4.325e+05	1.231e+04	0.04	0.01	0.23 (MM)	36,21,43
794	2.226e+05	5686.8	2691.9	4.952e+06	4.325e+05	1.211e+04	0.04	0.01	0.22 (MM)	36,21,43
795	2.029e+05	5572.9	2616.3	4.675e+06	3.089e+05	1.189e+04	0.04	0.02	0.22 (MM)	36,15,43
796	1.758e+05	5572.9	2530.5	4.311e+06	3.089e+05	1.163e+04	0.04	0.02	0.22 (MM)	44,15,43

Nodo

Ver. Mp Ver. Mo
0.04 0.04

Ver. V
0.25

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
12	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
267	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
268	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
475	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
489	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
490	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
500	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
511	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
512	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
518	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
524	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
534	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
551	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
552	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
562	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
563	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
569	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11

579	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
758	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
759	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
760	interna	0.08	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
761	cima	0.08	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
982	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
983	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
984	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
985	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1046	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1047	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1048	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1049	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1077	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1079	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1081	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1083	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1085	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1087	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1089	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1091	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1165	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1166	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1167	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1168	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1169	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1170	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1171	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1172	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1173	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1174	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1175	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1176	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1177	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1178	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1179	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1180	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1181	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1182	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1183	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1184	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1185	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1186	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1187	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1188	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1189	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1190	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1191	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1192	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1193	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1194	base	0.06	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1195	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1196	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1197	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1198	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1199	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1200	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1201	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1202	base	0.06	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1203	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1204	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1205	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1206	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1207	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1208	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1209	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1210	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1211	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1212	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1213	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1214	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1215	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1216	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1217	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1218	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1219	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1220	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11

1221	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1222	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1223	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1224	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1225	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1226	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1227	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1228	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1229	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1230	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1231	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1232	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1233	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1234	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1235	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1236	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1237	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1238	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1239	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1240	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1241	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1242	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1243	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1244	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1245	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1246	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1247	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1248	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1249	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1250	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1251	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1252	interna	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1253	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1255	base	0.06	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1256	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1257	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1258	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1259	base	0.06	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1260	base	0.08	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1261	cima	0.08	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1262	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1263	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1264	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1265	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1266	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1267	base	0.06	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1268	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1269	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1270	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1271	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1272	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1273	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1274	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1275	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1276	base	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1277	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1278	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1279	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1280	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1281	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1282	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1283	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1284	cima	0.07	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1285	cima	0.07	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1286	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1287	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1288	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1289	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.60	5.16	0.31	11
1290	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.45	5.12	0.28	11
1291	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.29	5.07	0.25	11
1292	interna	0.08	0.0	0.06	0.0	0.69	1.00	0.84	4.97	0.17	11
1293	cima	0.08	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11
1294	base	0.06	0.0	0.06	0.0	0.70	1.00	2.04	5.03	0.40	11
1295	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.92	5.09	0.38	11
1296	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.76	5.15	0.34	11
1300	interna	0.08	0.0	0.07	0.0	0.67	1.00	0.55	4.85	0.11	11
1303	cima	0.08	0.0	0.07	0.0	0.67	1.00	0.51	4.82	0.11	11

Ver. Ned
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Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
267	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
268	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
475	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
489	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
490	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
500	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
511	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
512	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
518	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
524	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
534	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
551	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
552	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
562	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
563	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
569	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
579	2.394e+06	2.639e+04	3905.6	1.783e+07	6.417e+05	2.126e+04	0.13	0.04	0.18 (MM)	3,34,21
758	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
759	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
760	7.164e+05	2.044e+04	3610.1	7.245e+06	2.049e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
761	4.211e+05	2.044e+04	3104.3	5.144e+06	2.049e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
982	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
983	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
984	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
985	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1046	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1047	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1048	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1049	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1077	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1079	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1081	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1083	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1085	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1087	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1089	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1091	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1165	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1166	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1167	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1168	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1169	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1170	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1171	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1172	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1173	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1174	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1175	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1176	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1177	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1178	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1179	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1180	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1181	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1182	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1183	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1184	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1185	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1186	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1187	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1188	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1189	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1190	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1191	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1192	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1193	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1194	7.164e+05	2.821e+04	3610.1	7.245e+06	3.160e+05	1.815e+04	0.10	0.09	0.20 (TC)	22,34,21
1195	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1196	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1197	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21

1198	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1199	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1200	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1201	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1202	7.164e+05	2.821e+04	3610.1	7.245e+06	3.160e+05	1.815e+04	0.10	0.09	0.20 (TC)	22,34,21
1203	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1204	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1205	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1206	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1207	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1208	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1209	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1210	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1211	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1212	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1213	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1214	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1215	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1216	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1217	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1218	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1219	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1220	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1221	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1222	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1223	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1224	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1225	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1226	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1227	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1228	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1229	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1230	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1231	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1232	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1233	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1234	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1235	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1236	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1237	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1238	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1239	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1240	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1241	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1242	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1243	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1244	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1245	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1246	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1247	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1248	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1249	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1250	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1251	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1252	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1253	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1255	7.164e+05	2.821e+04	3610.1	7.245e+06	3.160e+05	1.815e+04	0.10	0.09	0.20 (TC)	22,34,21
1256	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1257	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1258	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1259	7.164e+05	2.821e+04	3610.1	7.245e+06	3.160e+05	1.815e+04	0.10	0.09	0.20 (TC)	22,34,21
1260	7.164e+05	2.044e+04	3610.1	7.245e+06	2.049e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1261	4.211e+05	2.044e+04	3104.3	5.144e+06	2.049e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1262	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1263	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1264	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1265	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1266	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1267	7.164e+05	2.821e+04	3610.1	7.245e+06	3.160e+05	1.815e+04	0.10	0.09	0.20 (TC)	22,34,21
1268	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1269	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1270	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1271	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1272	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1273	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1274	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1275	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21

1276	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1277	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1278	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1279	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1280	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1281	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1282	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1283	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1284	7.164e+05	2.232e+04	3610.1	7.245e+06	2.244e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1285	4.211e+05	2.232e+04	3104.3	5.144e+06	2.244e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1286	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1287	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1288	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1289	1.562e+06	2.240e+04	3763.9	1.449e+07	4.347e+05	1.965e+04	0.11	0.05	0.19 (MM)	3,34,21
1290	9.174e+05	2.695e+04	3684.0	8.204e+06	3.786e+05	1.906e+04	0.11	0.07	0.19 (TC)	29,34,21
1291	9.174e+05	2.821e+04	3610.1	8.204e+06	3.160e+05	1.815e+04	0.11	0.09	0.20 (TC)	29,34,21
1292	7.164e+05	2.044e+04	3610.1	7.245e+06	2.049e+05	1.815e+04	0.10	0.10	0.20 (TC)	22,34,21
1293	4.211e+05	2.044e+04	3104.3	5.144e+06	2.049e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21
1294	2.394e+06	2.639e+04	3929.5	1.783e+07	6.417e+05	2.094e+04	0.13	0.04	0.19 (MM)	3,34,21
1295	1.981e+06	1.395e+04	3906.8	1.696e+07	6.033e+05	2.050e+04	0.12	0.02	0.19 (MM)	3,34,21
1296	1.780e+06	1.256e+04	3838.0	1.574e+07	4.087e+05	2.007e+04	0.11	0.03	0.19 (MM)	3,37,21
1300	4.593e+05	2.044e+04	3262.2	5.593e+06	2.049e+05	1.693e+04	0.08	0.10	0.19 (TC)	26,34,21
1303	4.211e+05	2.044e+04	3104.3	5.144e+06	2.049e+05	1.658e+04	0.08	0.10	0.19 (TC)	26,34,21

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.13 0.10

0.20

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
13	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
716	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
805	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
853	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
883	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
884	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
892	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
900	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
908	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
916	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
924	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
932	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
940	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
948	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
981	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1045	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1254	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1370	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1371	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1372	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1373	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1374	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1375	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1406	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1407	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1408	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1409	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1436	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1438	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1440	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1442	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1444	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1446	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1460	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1461	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1462	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1463	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1490	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1491	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11

1492	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1493	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1494	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1495	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1496	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1497	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1498	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1499	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1500	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1501	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1502	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1503	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1504	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1505	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1506	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1507	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1508	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1509	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1510	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1511	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1512	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1513	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1514	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1515	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1516	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1517	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1518	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1519	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1520	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1521	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1522	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1523	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1524	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11
1525	cima	0.07	0.0	0.07	0.0	0.72	1.00	0.54	5.19	0.10	11
1526	base	0.05	0.0	0.05	0.0	0.78	1.00	0.97	5.60	0.17	11
1527	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.93	5.62	0.17	11
1528	interna	0.05	0.0	0.05	0.0	0.78	1.00	0.87	5.67	0.15	11
1529	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.76	5.60	0.14	11
1530	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.66	5.45	0.12	11

Nodo

Ver. Ned
0.17

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
716	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
805	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
853	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
883	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
884	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
892	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
900	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
908	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
916	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
924	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
932	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
940	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
948	4.008e+05	2.419e+04	2024.5	3.273e+06	2.976e+05	1.108e+04	0.12	0.08	0.18 (MM)	46,15,31
981	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1045	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1254	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1370	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1371	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1372	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1373	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1374	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1375	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1406	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1407	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1408	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1409	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1436	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1438	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1440	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1442	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1444	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34

1446	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1460	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1461	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1462	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1463	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1490	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1491	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1492	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1493	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1494	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1495	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1496	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1497	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1498	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1499	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1500	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1501	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1502	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1503	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1504	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1505	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1506	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1507	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1508	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1509	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1510	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1511	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1512	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1513	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1514	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1515	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1516	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1517	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1518	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1519	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1520	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1521	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1522	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1523	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1524	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34
1525	4.767e+04	1.036e+04	1880.6	1.713e+06	1.251e+05	9243.4	0.03	0.08	0.20 (TC)	46,21,34
1526	4.008e+05	2.419e+04	2151.0	3.273e+06	2.976e+05	1.097e+04	0.12	0.08	0.20 (MM)	46,15,31
1527	3.768e+05	1.602e+04	2444.1	3.148e+06	2.860e+05	1.061e+04	0.12	0.06	0.23 (MM)	46,23,34
1528	3.234e+05	1.180e+04	2444.1	2.911e+06	1.834e+05	1.061e+04	0.11	0.06	0.23 (MM)	46,21,34
1529	2.305e+05	1.413e+04	2262.5	2.535e+06	1.560e+05	1.033e+04	0.09	0.09	0.22 (MM)	46,21,34
1530	1.409e+05	1.413e+04	2068.7	2.138e+06	1.560e+05	9848.3	0.07	0.09	0.21 (TC)	46,21,34

Nodo

Ver. Mp Ver. Mo
0.12 0.09

Ver. V
0.23

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
14	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
49	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
159	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
165	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
171	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
176	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
187	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
193	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
199	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
204	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
717	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
719	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
721	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
723	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
725	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
727	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4

729	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
731	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
869	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
871	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
873	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
875	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
877	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
879	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
881	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
883	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
949	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
950	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
951	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
952	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
953	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
954	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
955	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
956	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
957	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
958	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
959	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
960	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
961	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
962	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
963	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
964	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
965	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
966	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
967	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
968	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
969	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
970	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
971	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
972	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
973	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
974	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
975	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
976	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
977	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
978	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
979	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
980	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
986	base	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
987	base	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
988	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
989	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
990	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
991	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
992	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
993	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
994	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
995	base	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
996	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
997	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
998	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
999	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
1000	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
1001	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
1002	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
1003	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
1004	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4
1005	base	0.06	0.0	0.06	0.0	0.70	1.00	2.51	5.08	0.49	4
1006	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.44	5.14	0.47	4
1007	interna	0.06	0.0	0.05	0.0	0.71	1.00	2.32	5.16	0.45	4
1008	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.18	5.13	0.42	4
1009	interna	0.06	0.0	0.06	0.0	0.71	1.00	2.04	5.11	0.40	4
1010	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.89	5.10	0.37	4
1011	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.49	5.09	0.29	4
1012	cima	0.06	0.0	0.06	0.0	0.71	1.00	1.16	5.11	0.23	4

Nodo

Ver. Ned
0.49

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
49	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21

159	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
165	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
171	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
176	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
187	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
193	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
199	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
204	5.802e+05	1.176e+04	1957.7	6.060e+06	4.952e+05	1.257e+04	0.10	0.02	0.16 (MM)	1,40,21
717	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
719	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
721	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
723	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
725	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
727	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
729	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
731	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
869	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
871	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
873	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
875	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
877	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
879	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
881	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
883	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
949	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
950	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
951	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
952	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
953	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
954	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
955	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
956	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
957	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
958	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
959	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
960	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
961	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
962	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
963	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
964	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
965	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
966	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
967	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
968	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
969	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
970	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
971	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
972	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
973	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
974	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
975	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
976	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
977	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
978	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
979	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
980	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
986	4.031e+05	7459.1	1418.0	3.968e+06	3.559e+05	1.130e+04	0.10	0.02	0.13 (MM)	29,40,21
987	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
988	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
989	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
990	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
991	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
992	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
993	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
994	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
995	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
996	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
997	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
998	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21
999	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
1000	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
1001	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
1002	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
1003	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
1004	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21
1005	5.802e+05	1.176e+04	2019.2	6.060e+06	4.952e+05	1.247e+04	0.10	0.02	0.16 (MM)	1,40,21
1006	4.842e+05	5280.1	2015.3	5.964e+06	4.845e+05	1.228e+04	0.08	0.01	0.16 (MM)	1,40,21

1007	3.713e+05	5923.6	2015.3	4.930e+06	4.383e+05	1.228e+04	0.08	0.01	0.16 (MM)	25,44,21
1008	3.959e+05	8470.9	1904.6	4.617e+06	4.124e+05	1.204e+04	0.09	0.02	0.16 (MM)	29,40,21
1009	4.065e+05	9478.2	1761.3	4.312e+06	3.857e+05	1.180e+04	0.09	0.02	0.15 (MM)	29,40,21
1010	4.031e+05	9478.2	1586.3	3.968e+06	3.857e+05	1.157e+04	0.10	0.02	0.14 (MM)	29,40,21
1011	3.966e+05	7459.1	1418.0	3.545e+06	3.559e+05	1.130e+04	0.11	0.02	0.13 (MM)	29,40,21
1012	3.966e+05	3244.8	1373.3	3.545e+06	2.595e+05	1.097e+04	0.11	0.01	0.13 (MM)	29,33,21

Nodo

Ver. Mp

Ver. Mo

Ver. V

0.11

0.02

0.16

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
15	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1386	base	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1446	base	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1447	base	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1453	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1459	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1465	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1471	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1477	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1483	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1489	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1561	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1563	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1565	cima	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1591	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1592	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1593	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1594	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1595	cima	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1596	cima	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1597	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1598	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1599	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1600	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1601	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1602	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1603	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1604	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1605	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1606	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1607	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1608	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1609	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1610	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1611	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1612	interna	0.08	0.0	0.08	0.0	0.72	1.00	0.60	5.18	0.12	11
1613	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1614	interna	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11
1615	interna	0.08	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1616	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.92	5.26	0.17	11
1617	cima	0.12	0.0	0.12	0.0	0.63	1.00	0.74	4.58	0.16	11

Nodo

Ver. Ned

0.17

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1386	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1446	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1447	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1453	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1459	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1465	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1471	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15

1477	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1483	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1489	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1561	5.491e+04	6507.9	867.0	9.295e+05	3.744e+04	5150.1	0.06	0.17	0.17 (TC)	21,33,15
1563	8.366e+04	6507.9	810.8	6.918e+05	3.744e+04	4779.8	0.12	0.17	0.17 (TC)	29,33,15
1565	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1591	5.491e+04	6507.9	867.0	9.295e+05	3.744e+04	5150.1	0.06	0.17	0.17 (TC)	21,33,15
1592	5.491e+04	6507.9	867.0	9.295e+05	3.744e+04	5150.1	0.06	0.17	0.17 (TC)	21,33,15
1593	8.366e+04	6507.9	810.8	6.918e+05	3.744e+04	4779.8	0.12	0.17	0.17 (TC)	29,33,15
1594	8.366e+04	6507.9	810.8	6.918e+05	3.744e+04	4779.8	0.12	0.17	0.17 (TC)	29,33,15
1595	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1596	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1597	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1598	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1599	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1600	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1601	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1602	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1603	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1604	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1605	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1606	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1607	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1608	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1609	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1610	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1611	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1612	5.491e+04	8290.6	867.0	9.295e+05	4.926e+04	5150.1	0.06	0.17	0.17 (TC)	21,32,15
1613	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1614	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15
1615	5.491e+04	6507.9	867.0	9.295e+05	3.744e+04	5150.1	0.06	0.17	0.17 (TC)	21,33,15
1616	8.366e+04	6507.9	810.8	6.918e+05	3.744e+04	4779.8	0.12	0.17	0.17 (TC)	29,33,15
1617	8.366e+04	3553.6	810.8	6.918e+05	3.280e+04	4779.8	0.12	0.11	0.17 (TC)	29,36,15

Nodo

Ver. Mp Ver. Mo Ver. V
0.12 0.17 0.17

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
16	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
347	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
357	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
358	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
368	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
369	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
375	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
460	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
465	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
468	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
471	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
475	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
477	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1069	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1070	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1071	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1072	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1073	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1074	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1075	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1076	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1077	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1078	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1079	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1080	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1081	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1082	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1083	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1084	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11

1085	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1086	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1087	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1088	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1089	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1090	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1091	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1092	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1093	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1094	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1095	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1096	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1097	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1098	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1099	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1100	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1101	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1102	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1103	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1104	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1105	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1106	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1107	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1108	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1109	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1110	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1111	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1112	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1113	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1114	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1115	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1116	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1117	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1118	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1119	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1120	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1121	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1122	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1123	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1124	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1125	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1126	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1127	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1128	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1129	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1130	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1131	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1132	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1133	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1134	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1135	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1136	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1137	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1138	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1139	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1140	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1141	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1142	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1143	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1144	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1145	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1146	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1147	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1148	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1149	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1150	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1151	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1152	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1153	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11
1154	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1155	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1156	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11
1157	base	0.09	0.0	0.08	0.0	0.63	1.00	1.05	4.57	0.23	11
1158	interna	0.08	0.0	0.08	0.0	0.64	1.00	1.01	4.61	0.22	11
1159	interna	0.08	0.0	0.08	0.0	0.64	1.00	0.90	4.66	0.19	11
1160	interna	0.07	0.0	0.07	0.0	0.66	1.00	0.80	4.73	0.17	11
1161	interna	0.07	0.0	0.07	0.0	0.67	1.00	0.69	4.86	0.14	11

1162	interna	0.07	0.0	0.06	0.0	0.70	1.00	0.57	5.04	0.11	11
1163	interna	0.07	0.0	0.05	0.0	0.72	1.00	0.46	5.17	0.09	11
1164	cima	0.06	0.0	0.05	0.0	0.72	1.00	0.31	5.17	0.06	11

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
347	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
357	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
358	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
368	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
369	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
375	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
460	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
465	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
468	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
471	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
475	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
477	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1069	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1070	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1071	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1072	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1073	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1074	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1075	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1076	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1077	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1078	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1079	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1080	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1081	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1082	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1083	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1084	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1085	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1086	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1087	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1088	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1089	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1090	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1091	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1092	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1093	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1094	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1095	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1096	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1097	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1098	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1099	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1100	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1101	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1102	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1103	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1104	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1105	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1106	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1107	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1108	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1109	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1110	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1111	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1112	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1113	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1114	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1115	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1116	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1117	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1118	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1119	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1120	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1121	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1122	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1123	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31

1124	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1125	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1126	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1127	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1128	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1129	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1130	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1131	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1132	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1133	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1134	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1135	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1136	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1137	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1138	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1139	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1140	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1141	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1142	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1143	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1144	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1145	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1146	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1147	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1148	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1149	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1150	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1151	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1152	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1153	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1154	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1155	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1156	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31
1157	3.782e+05	4.587e+04	2792.7	4.049e+06	2.677e+05	1.213e+04	0.09	0.17	0.23 (MM)	37,21,31
1158	3.226e+05	3.519e+04	2756.9	3.900e+06	2.588e+05	1.202e+04	0.08	0.14	0.23 (MM)	37,21,31
1159	2.592e+05	1.809e+04	2655.5	3.509e+06	2.407e+05	1.171e+04	0.07	0.08	0.23 (MM)	37,19,31
1160	2.148e+05	1.970e+04	2547.4	3.103e+06	2.008e+05	1.138e+04	0.07	0.10	0.22 (MM)	37,16,31
1161	1.577e+05	2.083e+04	2414.3	2.248e+06	1.572e+05	1.097e+04	0.07	0.13	0.22 (TC)	31,21,31
1162	1.577e+05	2.105e+04	2258.1	2.248e+06	1.224e+05	1.033e+04	0.07	0.17	0.22 (TC)	31,21,31
1163	1.170e+05	2.105e+04	2087.7	1.711e+06	1.224e+05	9606.1	0.07	0.17	0.22 (TC)	31,21,31
1164	7.237e+04	1.219e+04	1525.8	1.068e+06	7.788e+04	8681.0	0.07	0.16	0.18 (TC)	31,21,31

Nodo

Ver. Mp Ver. Mo
0.09 0.17

Ver. V
0.23

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
17	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	9.1	0.38	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
204	base	0.06	0.0	0.06	0.0	0.70	1.00	1.49	5.07	0.29	11
267	base	0.06	0.0	0.06	0.0	0.70	1.00	1.49	5.07	0.29	11
869	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.93	5.06	0.38	4
871	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.93	5.06	0.38	4
873	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.92	5.16	0.37	4
875	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.84	5.12	0.36	4
877	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.74	5.05	0.34	4
879	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.63	4.94	0.33	4
881	interna	0.08	0.0	0.07	0.0	0.66	1.00	1.49	4.75	0.31	4
883	cima	0.08	0.0	0.08	0.0	0.64	1.00	1.10	4.64	0.24	4
1165	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.93	5.06	0.38	4
1166	interna	0.06	0.0	0.06	0.0	0.70	1.00	1.93	5.06	0.38	4
1167	interna	0.06	0.0	0.05	0.0	0.71	1.00	1.92	5.16	0.37	4
1168	interna	0.06	0.0	0.06	0.0	0.71	1.00	1.84	5.12	0.36	4
1169	interna	0.07	0.0	0.06	0.0	0.70	1.00	1.74	5.05	0.34	4
1170	interna	0.07	0.0	0.06	0.0	0.68	1.00	1.63	4.94	0.33	4
1171	interna	0.08	0.0	0.07	0.0	0.66	1.00	1.49	4.75	0.31	4
1172	cima	0.08	0.0	0.08	0.0	0.64	1.00	1.10	4.64	0.24	4

Nodo

Ver. Ned

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
204	1168.0	1764.2	572.9	3.306e+04	3.547e+04	576.4	0.04	0.05	0.99 (MM)	5,20,3
267	1168.0	1764.2	572.9	3.306e+04	3.547e+04	576.4	0.04	0.05	0.99 (MM)	5,20,3
869	1168.0	1764.2	572.9	3.306e+04	3.547e+04	576.4	0.04	0.05	0.99 (MM)	5,20,3
871	5645.4	1618.1	699.1	5.033e+04	4.296e+04	773.9	0.11	0.04	0.90 (MM)	3,20,40
873	6498.6	642.6	692.5	4.919e+04	3.706e+04	761.7	0.13	0.02	0.91 (MM)	3,21,40
875	7021.4	1269.3	692.5	4.752e+04	3.924e+04	761.7	0.15	0.03	0.91 (MM)	3,20,40
877	8029.0	2375.2	674.6	4.631e+04	3.758e+04	747.1	0.17	0.06	0.90 (MM)	4,20,40
879	1.138e+04	3271.9	536.8	4.307e+04	3.532e+04	584.6	0.26	0.09	0.92 (MM)	11,20,4
881	8717.3	2921.8	536.8	2.079e+04	2.772e+04	584.6	0.42	0.11	0.92 (MM)	41,20,4
883	8717.3	2921.8	455.2	2.079e+04	2.772e+04	528.3	0.42	0.11	0.86 (MM)	41,20,4
1165	1168.0	1764.2	572.9	3.306e+04	3.547e+04	576.4	0.04	0.05	0.99 (MM)	5,20,3
1166	5645.4	1618.1	699.1	5.033e+04	4.296e+04	773.9	0.11	0.04	0.90 (MM)	3,20,40
1167	6498.6	642.6	692.5	4.919e+04	3.706e+04	761.7	0.13	0.02	0.91 (MM)	3,21,40
1168	7021.4	1269.3	692.5	4.752e+04	3.924e+04	761.7	0.15	0.03	0.91 (MM)	3,20,40
1169	8029.0	2375.2	674.6	4.631e+04	3.758e+04	747.1	0.17	0.06	0.90 (MM)	4,20,40
1170	1.138e+04	3271.9	536.8	4.307e+04	3.532e+04	584.6	0.26	0.09	0.92 (MM)	11,20,4
1171	8717.3	2921.8	536.8	2.079e+04	2.772e+04	584.6	0.42	0.11	0.92 (MM)	41,20,4
1172	8717.3	2921.8	455.2	2.079e+04	2.772e+04	528.3	0.42	0.11	0.86 (MM)	41,20,4
Nodo						Ver. Mp	Ver. Mo	Ver. V		
						0.42	0.11	0.99		

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
18	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
651	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
652	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
660	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
668	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
676	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
684	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
692	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
700	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
708	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
716	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1316	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1317	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1318	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1319	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1320	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1321	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1322	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1323	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1324	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1325	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1326	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1327	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1328	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1329	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1330	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1331	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1332	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1333	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1334	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1335	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1336	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1337	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1338	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1339	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1340	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1341	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1342	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11

1343	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1344	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1345	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1346	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1347	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1348	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1349	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1350	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1351	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1352	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1353	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1354	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1355	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1356	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1357	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1358	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1359	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1360	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1361	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1362	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1363	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1364	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1365	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1366	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1367	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1368	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1369	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11
1370	base	0.04	0.0	0.04	0.0	0.81	1.00	1.17	5.85	0.20	11
1371	interna	0.04	0.0	0.04	0.0	0.80	1.00	1.10	5.81	0.19	11
1372	interna	0.05	0.0	0.04	0.0	0.80	1.00	0.96	5.77	0.17	11
1373	interna	0.05	0.0	0.05	0.0	0.79	1.00	0.81	5.70	0.14	11
1374	interna	0.07	0.0	0.05	0.0	0.77	1.00	0.66	5.55	0.12	11
1375	cima	0.07	0.0	0.06	0.0	0.73	1.00	0.52	5.29	0.10	11

Nodo

Ver. Ned
0.20

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
651	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
652	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
660	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
668	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
676	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
684	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
692	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
700	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
708	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
716	4.003e+05	1.108e+04	2263.1	3.630e+06	2.636e+05	1.104e+04	0.11	0.04	0.20 (MM)	18,42,30
1316	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1317	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1318	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1319	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1320	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1321	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1322	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1323	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1324	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1325	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1326	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1327	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1328	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1329	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1330	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1331	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1332	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1333	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1334	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1335	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1336	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1337	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1338	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1339	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1340	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1341	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1342	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30

1343	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1344	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1345	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1346	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1347	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1348	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1349	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1350	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1351	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1352	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1353	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1354	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1355	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1356	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1357	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1358	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1359	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1360	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1361	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1362	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1363	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1364	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1365	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1366	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1367	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1368	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1369	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30
1370	4.003e+05	1.108e+04	2349.5	3.630e+06	2.636e+05	1.089e+04	0.11	0.04	0.22 (MM)	18,42,30
1371	3.082e+05	6304.6	2338.4	3.440e+06	2.146e+05	1.055e+04	0.09	0.03	0.22 (MM)	22,36,30
1372	2.377e+05	1.137e+04	2338.4	3.004e+06	1.827e+05	1.055e+04	0.08	0.06	0.22 (MM)	22,36,30
1373	1.860e+05	1.253e+04	2188.5	2.532e+06	1.500e+05	1.018e+04	0.07	0.08	0.21 (MM)	22,36,30
1374	1.271e+05	1.253e+04	2011.8	1.898e+06	1.500e+05	9633.9	0.07	0.08	0.21 (TC)	34,36,30
1375	8.016e+04	7885.8	1837.5	1.451e+06	1.151e+05	8932.8	0.06	0.07	0.21 (TC)	34,32,30

Nodo

Ver. Mp Ver. Mo
0.11 0.08

Ver. V
0.22

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
19	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
651	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
731	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
732	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
740	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
748	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
756	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
772	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
780	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
788	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
796	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1316	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1318	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1320	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1322	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1324	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1326	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1376	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1377	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1378	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1379	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1380	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1381	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1382	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1383	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1384	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1385	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1386	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1387	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11

1388	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1389	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1390	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1391	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1392	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1393	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1394	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1395	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1396	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1397	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1398	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1399	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1400	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1401	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1402	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1403	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1404	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1405	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1410	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1411	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1412	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1413	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1414	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1415	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1416	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1417	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1418	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1419	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1420	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1421	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1422	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1423	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1424	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1425	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1426	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1427	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1428	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1429	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11
1430	base	0.05	0.0	0.04	0.0	0.80	1.00	1.14	5.75	0.20	11
1431	interna	0.05	0.0	0.04	0.0	0.81	1.00	1.10	5.85	0.19	11
1432	interna	0.05	0.0	0.04	0.0	0.79	1.00	1.01	5.74	0.18	11
1433	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.91	5.62	0.16	11
1434	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.81	5.44	0.15	11
1435	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.60	5.15	0.12	11

Nodo

Ver. Ned
0.20

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
651	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
731	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
732	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
740	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
748	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
756	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
772	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
780	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
788	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
796	9.005e+04	1.237e+04	2041.4	2.931e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1316	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1318	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1320	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1322	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1324	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1326	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1376	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1377	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1378	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1379	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1380	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1381	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1382	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1383	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1384	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1385	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41

1386	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1387	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1388	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1389	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1390	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1391	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1392	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1393	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1394	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1395	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1396	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1397	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1398	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1399	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1400	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1401	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1402	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1403	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1404	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1405	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1410	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1411	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1412	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1413	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1414	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1415	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1416	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1417	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1418	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1419	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1420	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1421	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1422	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1423	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1424	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1425	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1426	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1427	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1428	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1429	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41
1430	9.385e+04	1.237e+04	2041.4	2.821e+06	2.033e+05	1.078e+04	0.03	0.06	0.19 (MM)	36,15,41
1431	9.221e+04	5954.4	1978.8	2.568e+06	1.967e+05	1.069e+04	0.04	0.03	0.19 (MM)	36,15,41
1432	8.879e+04	8508.9	1827.2	2.298e+06	1.640e+05	1.046e+04	0.04	0.05	0.17 (MM)	44,20,41
1433	9.171e+04	1.078e+04	1646.5	2.013e+06	1.444e+05	1.022e+04	0.05	0.07	0.16 (TC)	44,20,41
1434	9.171e+04	1.078e+04	1481.1	2.013e+06	1.444e+05	9810.1	0.05	0.07	0.15 (TC)	44,20,41
1435	6.417e+04	8799.6	1299.1	1.686e+06	1.207e+05	9311.9	0.04	0.07	0.14 (TC)	36,20,41

Nodo

Ver. Mp Ver. Mo Ver. V
0.05 0.07 0.19

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
20	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	6.7	0.28	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
731	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
883	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
956	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
964	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
972	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
980	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
996	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1004	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1012	base	0.04	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1376	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1378	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1380	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1382	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1384	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1386	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11

1436	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1437	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1438	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1439	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1440	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1441	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1442	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1443	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1444	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1445	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1446	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1447	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1448	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1449	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1450	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1451	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1452	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1453	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1454	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1455	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1456	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1457	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1458	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1459	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1464	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1465	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1466	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1467	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1468	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1469	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1470	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1471	interna	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1472	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1473	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1474	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1475	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1476	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1477	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1478	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1479	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1480	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1481	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1482	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1483	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11
1484	base	0.05	0.0	0.04	0.0	0.80	1.00	1.27	5.80	0.22	11
1485	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.22	5.70	0.21	11
1486	interna	0.05	0.0	0.05	0.0	0.79	1.00	1.09	5.69	0.19	11
1487	interna	0.06	0.0	0.05	0.0	0.78	1.00	0.94	5.61	0.17	11
1488	interna	0.07	0.0	0.06	0.0	0.75	1.00	0.80	5.44	0.15	11
1489	cima	0.07	0.0	0.07	0.0	0.71	1.00	0.57	5.13	0.11	11

Nodo

Ver. Ned
0.22

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
731	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
883	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
956	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
964	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
972	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
980	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
996	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1004	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1012	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1376	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1378	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1380	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1382	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1384	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1386	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1436	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1437	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1438	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1439	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1440	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20

1441	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1442	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1443	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1444	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1445	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1446	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1447	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1448	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1449	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1450	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1451	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1452	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1453	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1454	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1455	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1456	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1457	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1458	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1459	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1464	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1465	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1466	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1467	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1468	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1469	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1470	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1471	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1472	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1473	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1474	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1475	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1476	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1477	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1478	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1479	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1480	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1481	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1482	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1483	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20
1484	2.218e+05	1.061e+04	2248.2	2.685e+06	2.687e+05	1.060e+04	0.08	0.04	0.21 (MM)	37,44,20
1485	1.509e+05	8352.3	2186.0	2.848e+06	2.578e+05	1.051e+04	0.05	0.03	0.21 (MM)	29,40,20
1486	1.242e+05	8279.7	2127.0	2.271e+06	1.607e+05	1.025e+04	0.05	0.05	0.21 (MM)	28,35,20
1487	1.180e+05	9647.6	1993.5	1.912e+06	1.384e+05	9929.1	0.06	0.07	0.20 (TC)	20,43,20
1488	1.180e+05	9647.6	1842.5	1.912e+06	1.384e+05	9428.6	0.06	0.07	0.20 (TC)	20,43,20
1489	7.556e+04	6628.3	1635.1	1.660e+06	1.100e+05	8882.8	0.05	0.06	0.18 (TC)	40,43,20

Nodo

Ver. Mp Ver. Mo
0.08 0.07

Ver. V
0.21

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
21	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1326	base	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1327	base	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1333	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1339	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1345	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1351	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1357	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1363	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1369	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1375	base	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1531	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1532	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1533	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1534	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1535	cima	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1536	cima	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11

1537	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1538	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1539	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1540	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1541	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1542	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1543	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1544	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1545	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1546	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1547	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1548	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1549	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1550	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1551	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1552	interna	0.07	0.0	0.07	0.0	0.75	1.00	0.61	5.43	0.11	11
1553	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1554	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1555	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1556	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1557	interna	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11
1558	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1559	interna	0.07	0.0	0.06	0.0	0.77	1.00	0.92	5.56	0.16	11
1560	cima	0.06	0.0	0.06	0.0	0.79	1.00	0.72	5.68	0.13	11

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1326	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1327	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1333	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1339	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1345	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1351	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1357	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1363	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1369	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1375	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1531	1.042e+05	6500.0	778.0	9.487e+05	3.756e+04	5201.9	0.11	0.17	0.15 (TC)	24,44,30
1532	1.042e+05	6500.0	778.0	9.487e+05	3.756e+04	5201.9	0.11	0.17	0.15 (TC)	24,44,30
1533	6.153e+04	6500.0	678.1	8.862e+05	3.756e+04	4793.2	0.07	0.17	0.14 (TC)	30,44,30
1534	6.153e+04	6500.0	678.1	8.862e+05	3.756e+04	4793.2	0.07	0.17	0.14 (TC)	30,44,30
1535	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1536	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1537	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1538	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1539	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1540	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1541	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1542	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1543	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1544	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1545	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1546	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1547	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1548	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1549	1.042e+05	8073.5	778.0	9.487e+05	5.114e+04	5201.9	0.11	0.16	0.15 (TC)	24,45,30
1550	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,36,30
1551	3.618e+04	2033.5	678.1	6.951e+05	3.031e+04	4793.2	0.05	0.07	0.14 (TC)	19,

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
22	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
805	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1375	base	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1409	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1446	base	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1461	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1495	base	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1501	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1507	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1513	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1519	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1525	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1558	interna	0.09	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1559	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1560	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1591	interna	0.09	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1593	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1595	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1618	interna	0.09	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1619	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1620	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1621	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1622	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1623	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1624	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1625	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1626	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1627	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1628	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1629	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1630	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1631	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1632	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1633	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1634	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1635	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1636	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1637	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1638	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1639	interna	0.09	0.0	0.08	0.0	0.70	1.00	0.47	5.03	0.09	11
1640	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1641	interna	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11
1642	interna	0.09	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1643	interna	0.11	0.0	0.07	0.0	0.74	1.00	0.73	5.35	0.14	11
1644	cima	0.11	0.0	0.08	0.0	0.72	1.00	0.56	5.21	0.11	11

Nodo

Ver. Ned
0.14

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
805	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1375	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1409	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1446	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1461	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1495	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1501	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1507	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1513	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1519	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1525	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1558	6.915e+04	7110.3	659.4	7.644e+05	2.786e+04	4980.0	0.09	0.26	0.13 (TC)	34,25,34
1559	5.123e+04	7110.3	603.5	6.854e+05	2.786e+04	4857.9	0.07	0.26	0.12 (TC)	37,25,37
1560	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1591	6.915e+04	7110.3	659.4	7.644e+05	2.786e+04	4980.0	0.09	0.26	0.13 (TC)	34,25,34

1593	5.123e+04	7110.3	603.5	6.854e+05	2.786e+04	4857.9	0.07	0.26	0.12 (TC)	37,25,37
1595	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1618	6.915e+04	7110.3	659.4	7.644e+05	2.786e+04	4980.0	0.09	0.26	0.13 (TC)	34,25,34
1619	5.123e+04	7110.3	603.5	6.854e+05	2.786e+04	4857.9	0.07	0.26	0.12 (TC)	37,25,37
1620	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1621	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1622	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1623	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1624	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1625	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1626	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1627	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1628	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1629	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1630	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1631	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1632	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1633	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1634	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1635	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1636	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1637	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1638	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1639	6.915e+04	9122.5	659.4	7.644e+05	4.189e+04	4980.0	0.09	0.22	0.13 (TC)	34,24,34
1640	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1641	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37
1642	6.915e+04	7110.3	659.4	7.644e+05	2.786e+04	4980.0	0.09	0.26	0.13 (TC)	34,25,34
1643	5.123e+04	7110.3	603.5	6.854e+05	2.786e+04	4857.9	0.07	0.26	0.12 (TC)	37,25,37
1644	2.553e+04	3482.9	497.9	5.030e+05	2.168e+04	4571.2	0.05	0.16	0.11 (TC)	46,30,37

Nodo

Ver. Mp **Ver. Mo** **Ver. V**
0.09 0.26 0.13

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
23	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	23.0	5.5	0.23	3.00	2.00	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1326	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1386	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1387	base	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1393	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1399	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1405	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1411	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1417	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1423	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1429	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1435	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1531	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1533	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1535	cima	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1561	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1562	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1563	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1564	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1565	cima	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1566	cima	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1567	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1568	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1569	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1570	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1571	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1572	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1573	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1574	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1575	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1576	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1577	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1578	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11

1579	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1580	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1581	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1582	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1583	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1584	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1585	interna	0.09	0.0	0.09	0.0	0.69	1.00	0.47	4.95	0.09	11
1586	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1587	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11
1588	interna	0.09	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1589	interna	0.12	0.0	0.07	0.0	0.73	1.00	0.75	5.24	0.14	11
1590	interna	0.12	0.0	0.08	0.0	0.71	1.00	0.59	5.14	0.11	11

Nodo

Ver. Ned
0.14

Nodo	Mp	Mo	V	Mup	Muo	Vu	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
	daN cm	daN cm	daN	daN cm	daN cm	daN				
1326	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1386	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1387	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1393	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1399	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1405	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1411	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1417	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1423	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1429	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1435	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1531	6.811e+04	7101.3	743.6	7.430e+05	2.734e+04	4947.0	0.09	0.26	0.15 (TC)	43,27,43
1533	5.115e+04	7101.3	717.1	5.157e+05	2.734e+04	4578.8	0.10	0.26	0.16 (TC)	33,27,41
1535	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1561	6.811e+04	7101.3	743.6	7.430e+05	2.734e+04	4947.0	0.09	0.26	0.15 (TC)	43,27,43
1562	6.811e+04	7101.3	743.6	7.430e+05	2.734e+04	4947.0	0.09	0.26	0.15 (TC)	43,27,43
1563	5.115e+04	7101.3	717.1	5.157e+05	2.734e+04	4578.8	0.10	0.26	0.16 (TC)	33,27,41
1564	5.115e+04	7101.3	717.1	5.157e+05	2.734e+04	4578.8	0.10	0.26	0.16 (TC)	33,27,41
1565	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1566	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1567	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1568	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1569	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1570	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1571	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1572	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1573	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1574	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1575	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1576	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1577	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1578	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1579	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1580	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1581	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1582	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1583	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1584	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1585	6.811e+04	9463.6	743.6	7.430e+05	4.169e+04	4947.0	0.09	0.23	0.15 (TC)	43,18,43
1586	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1587	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41
1588	6.811e+04	7101.3	743.6	7.430e+05	2.734e+04	4947.0	0.09	0.26	0.15 (TC)	43,27,43
1589	5.115e+04	7101.3	717.1	5.157e+05	2.734e+04	4578.8	0.10	0.26	0.16 (TC)	33,27,41
1590	5.115e+04	3719.1	717.1	5.157e+05	2.234e+04	4578.8	0.10	0.17	0.16 (TC)	33,43,41

Nodo

Ver. Mp Ver. Mo Ver. V
0.10 0.26 0.16

Setto	Mat.	Spessore	h0/t	lambda	Gamma non sis.	Gamma sis.	Stato
		cm					
24	Muratura in mattoni pieni e malta di calce - Circ. n7/2019-muratura E = 1.500e+04 - muratura E = 1.500e+04	40.0	1.1	0.05	3.00	2.40	ok L

Nodo	Pos.	Ecc/t(M)	Ecc/L(M)	Ecc/t	Ecc/L	Fi t	Fi L	Ned / t daN/cm2	fd rid daN/cm2	Ver. Ned	Rif. cmb
1276	cima	0.02	0.0	0.02	0.0	0.93	1.00	0.59	6.74	0.09	11
1277	cima	0.02	0.0	0.02	0.0	0.93	1.00	0.59	6.74	0.09	11
1284	cima	0.02	0.0	0.02	0.0	0.93	1.00	0.59	6.74	0.09	11
1285	cima	0.02	0.0	0.02	0.0	0.93	1.00	0.59	6.74	0.09	11
1655	cima	0.02	0.0	0.02	0.0	0.93	1.00	0.59	6.74	0.09	11

Nodo Ver. Ned
0.09

Nodo	Mp daN cm	Mo daN cm	V daN	Mup daN cm	Muo daN cm	Vu daN	Ver. Mp	Ver. Mo	Ver. V	Rif. cmb
1276	3277.6	1064.4	422.9	2.721e+04	1.342e+04	957.4	0.12	0.08	0.44 (MC)	14,34,11
1277	3277.6	1064.4	381.9	2.721e+04	1.342e+04	972.0	0.12	0.08	0.39 (MC)	14,34,11
1284	3277.6	1064.4	422.9	2.721e+04	1.342e+04	957.4	0.12	0.08	0.44 (MC)	14,34,11
1285	3277.6	1064.4	381.9	2.721e+04	1.342e+04	972.0	0.12	0.08	0.39 (MC)	14,34,11
1655	3277.6	1064.4	422.9	2.721e+04	1.342e+04	957.4	0.12	0.08	0.44 (MC)	14,34,11

Nodo Ver. Mp Ver. Mo Ver. V
0.12 0.08 0.44

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

TABELLA VERIFICHE ELEMENTI D2 FASCE MURATURA

Fascia	Note	Ver. V	Vp daN	Vt daN	Ver. M	Mu daN cm	Rif. cmb	Ver. V	Vp daN	Vt daN	Ver. M	Mu daN cm	Rif. cmb
1	ok L	0.52	724.06	624.00 (MC)	0.0	0.0	3,0	0.52	724.06	624.00 (MC)	0.0	0.0	3,0
2	ok L	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0
3	ok L	0.29	1289.18	624.00 (MC)	0.0	0.0	3,0	0.29	1289.18	624.00 (MC)	0.0	0.0	3,0
4	ok L	0.10	1201.28	624.00 (MC)	0.0	0.0	1,0	0.10	1201.28	624.00 (MC)	0.0	0.0	1,0
5	ok L	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0
6	ok L	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0
7	ok L	0.39	956.68	624.00 (MC)	0.0	0.0	3,0	0.39	956.68	624.00 (MC)	0.0	0.0	3,0
8	ok L	0.29	1289.18	624.00 (MC)	0.0	0.0	3,0	0.29	1289.18	624.00 (MC)	0.0	0.0	3,0
9	ok L	0.40	938.63	624.00 (MC)	0.0	0.0	3,0	0.40	938.63	624.00 (MC)	0.0	0.0	3,0
10	ok L	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0
11	ok L	0.41	903.53	624.00 (MC)	0.0	0.0	3,0	0.41	903.53	624.00 (MC)	0.0	0.0	3,0
12	ok L	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0
13	ok L	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0
14	ok L	0.40	938.63	624.00 (MC)	0.0	0.0	3,0	0.40	938.63	624.00 (MC)	0.0	0.0	3,0
15	ok L	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0	0.10	1192.25	624.00 (MC)	0.0	0.0	1,0
16	ok L	0.31	1215.09	624.00 (MC)	0.0	0.0	3,0	0.31	1215.09	624.00 (MC)	0.0	0.0	3,0
17	ok L	0.31	1215.09	624.00 (MC)	0.0	0.0	3,0	0.31	1215.09	624.00 (MC)	0.0	0.0	3,0
18	ok L	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0	0.35	1057.13	624.00 (MC)	0.0	0.0	3,0
19	ok L	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0
20	ok L	0.34	1115.70	624.00 (MC)	0.0	0.0	3,0	0.34	1115.70	624.00 (MC)	0.0	0.0	3,0
21	ok L	0.13	927.31	624.00 (MC)	0.0	0.0	1,0	0.13	927.31	624.00 (MC)	0.0	0.0	1,0
22	ok L	0.41	903.53	624.00 (MC)	0.0	0.0	3,0	0.41	903.53	624.00 (MC)	0.0	0.0	3,0
23	ok L	0.38	991.07	624.00 (MC)	0.0	0.0	3,0	0.38	991.07	624.00 (MC)	0.0	0.0	3,0
24	ok L	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0	0.28	1355.29	624.00 (MC)	0.0	0.0	3,0
25	ok L	0.40	938.63	624.00 (MC)	0.0	0.0	3,0	0.40	938.63	624.00 (MC)	0.0	0.0	3,0
26	ok L	0.13	927.31	624.00 (MC)	0.0	0.0	1,0	0.13	927.31	624.00 (MC)	0.0	0.0	1,0
27	ok L	0.06	5914.01	624.00 (MC)	0.0	0.0	3,0	0.06	5914.01	624.00 (MC)	0.0	0.0	3,0
28	ok L	0.27	1366.97	624.00 (MC)	0.0	0.0	3,0	0.27	1366.97	624.00 (MC)	0.0	0.0	3,0
29	ok L	0.27	1366.98	624.00 (MC)	0.0	0.0	3,0	0.27	1366.98	624.00 (MC)	0.0	0.0	3,0
30	ok L	0.45	835.68	624.00 (MC)	0.0	0.0	3,0	0.45	835.68	624.00 (MC)	0.0	0.0	3,0
31	ok L	0.13	949.52	624.00 (MC)	0.0	0.0	1,0	0.13	949.52	624.00 (MC)	0.0	0.0	1,0
32	ok L	0.36	1041.10	624.00 (MC)	0.0	0.0	3,0	0.36	1041.10	624.00 (MC)	0.0	0.0	3,0
33	ok L	0.27	1366.98	624.00 (MC)	0.0	0.0	3,0	0.27	1366.98	624.00 (MC)	0.0	0.0	3,0
34	ok L	0.45	835.68	624.00 (MC)	0.0	0.0	3,0	0.45	835.68	624.00 (MC)	0.0	0.0	3,0
35	ok L	0.13	949.52	624.00 (MC)	0.0	0.0	1,0	0.13	949.52	624.00 (MC)	0.0	0.0	1,0
36	ok L	0.36	1041.10	624.00 (MC)	0.0	0.0	3,0	0.36	1041.10	624.00 (MC)	0.0	0.0	3,0
37	ok L	0.27	1366.99	624.00 (MC)	0.0	0.0	3,0	0.27	1366.99	624.00 (MC)	0.0	0.0	3,0

38	ok L	0.34	1109.85	624.00 (MC)	0.0	0.0	3,0	0.34	1109.85	624.00 (MC)	0.0	0.0	3,0
39	ok L	0.13	949.52	624.00 (MC)	0.0	0.0	1,0	0.13	949.52	624.00 (MC)	0.0	0.0	1,0
40	ok L	0.45	832.91	624.00 (MC)	0.0	0.0	3,0	0.45	832.91	624.00 (MC)	0.0	0.0	3,0
41	ok L	0.28	1321.40	624.00 (MC)	0.0	0.0	3,0	0.28	1321.40	624.00 (MC)	0.0	0.0	3,0
42	ok L	0.34	1109.85	624.00 (MC)	0.0	0.0	3,0	0.34	1109.85	624.00 (MC)	0.0	0.0	3,0
43	ok L	0.10	1161.68	624.00 (MC)	0.0	0.0	1,0	0.10	1161.68	624.00 (MC)	0.0	0.0	1,0
44	ok L	0.28	1321.41	624.00 (MC)	0.0	0.0	3,0	0.28	1321.41	624.00 (MC)	0.0	0.0	3,0
45	ok L	0.28	1321.41	624.00 (MC)	0.0	0.0	3,0	0.28	1321.41	624.00 (MC)	0.0	0.0	3,0
46	ok L	0.10	1161.68	624.00 (MC)	0.0	0.0	1,0	0.10	1161.68	624.00 (MC)	0.0	0.0	1,0
47	ok L	0.35	1078.70	624.00 (MC)	0.0	0.0	3,0	0.35	1078.70	624.00 (MC)	0.0	0.0	3,0
48	ok L	0.26	1468.24	624.00 (MC)	0.0	0.0	3,0	0.26	1468.24	624.00 (MC)	0.0	0.0	3,0
49	ok L	0.35	1078.70	624.00 (MC)	0.0	0.0	3,0	0.35	1078.70	624.00 (MC)	0.0	0.0	3,0
50	ok L	0.09	4065.88	624.00 (MC)	0.0	0.0	3,0	0.09	4065.88	624.00 (MC)	0.0	0.0	3,0
51	ok L	0.20	1913.36	624.00 (MC)	0.0	0.0	3,0	0.20	1913.36	624.00 (MC)	0.0	0.0	3,0
52	ok L	0.39	956.68	624.00 (MC)	0.0	0.0	3,0	0.39	956.68	624.00 (MC)	0.0	0.0	3,0
53	ok L	0.19	1922.05	624.00 (MC)	0.0	0.0	3,0	0.19	1922.05	624.00 (MC)	0.0	0.0	3,0
54	ok L	0.20	1904.74	624.00 (MC)	0.0	0.0	3,0	0.20	1904.74	624.00 (MC)	0.0	0.0	3,0
55	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
56	ok L	0.14	857.13	624.00 (MC)	0.0	0.0	1,0	0.14	857.13	624.00 (MC)	0.0	0.0	1,0
57	ok L	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0
58	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
59	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
60	ok L	0.14	857.13	624.00 (MC)	0.0	0.0	1,0	0.14	857.13	624.00 (MC)	0.0	0.0	1,0
61	ok L	0.12	997.29	624.00 (MC)	0.0	0.0	1,0	0.12	997.29	624.00 (MC)	0.0	0.0	1,0
62	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
63	ok L	0.14	880.94	624.00 (MC)	0.0	0.0	1,0	0.13	880.94	624.00 (MC)	0.0	0.0	1,0
64	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
65	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
66	ok L	0.14	857.13	624.00 (MC)	0.0	0.0	1,0	0.14	857.13	624.00 (MC)	0.0	0.0	1,0
67	ok L	0.14	880.94	624.00 (MC)	0.0	0.0	1,0	0.13	880.94	624.00 (MC)	0.0	0.0	1,0
68	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
69	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
70	ok L	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0
71	ok L	0.09	1273.65	624.00 (MC)	0.0	0.0	1,0	0.09	1273.65	624.00 (MC)	0.0	0.0	1,0
72	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
73	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
74	ok L	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0
75	ok L	0.09	1273.65	624.00 (MC)	0.0	0.0	1,0	0.09	1273.65	624.00 (MC)	0.0	0.0	1,0
76	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
77	ok L	0.14	866.50	624.00 (MC)	0.0	0.0	1,0	0.14	866.50	624.00 (MC)	0.0	0.0	1,0
78	ok L	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0	0.11	1057.13	624.00 (MC)	0.0	0.0	1,0
79	ok L	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0
80	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
81	ok L	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0
82	ok L	0.12	966.89	624.00 (MC)	0.0	0.0	1,0	0.12	966.89	624.00 (MC)	0.0	0.0	1,0
83	ok L	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0
84	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
85	ok L	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0
86	ok L	0.12	966.89	624.00 (MC)	0.0	0.0	1,0	0.12	966.89	624.00 (MC)	0.0	0.0	1,0
87	ok L	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0
88	ok L	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0	0.11	1089.82	624.00 (MC)	0.0	0.0	1,0
89	ok L	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0
90	ok L	0.12	966.89	624.00 (MC)	0.0	0.0	1,0	0.12	966.89	624.00 (MC)	0.0	0.0	1,0
91	ok L	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0	0.11	1036.40	624.00 (MC)	0.0	0.0	1,0
92	ok L	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0	0.11	1084.24	624.00 (MC)	0.0	0.0	1,0
93	ok L	0.20	1913.36	624.00 (MC)	0.0	0.0	3,0	0.20	1913.36	624.00 (MC)	0.0	0.0	3,0

Fascia

Ver. V
0.52

Ver. M
0.0

VERIFICHE S.L. ELEMENTI IN LEGNO

LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO

Il programma consente la verifica dei seguenti tipi di elementi:

1. Aste 2. Travi 3. Pilastri

L'esito delle verifiche è espresso con un codice come di seguito indicato:

ok: verifica con esito positivo

NV: verifica con esito negativo

Le sono condotte seguendo le indicazioni analitiche riportate nella norma tecnica UNI EN 1995-1-1:2014 "Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici"; in particolare le verifiche effettuate sono riconducibili ai punti:

EC5

- 2.2.2 Ultimate limit states
- 2.2.3 Serviceability limit states
- 2.4.1 Design value of material property
- 2.4.3 Design resistances
- 3.1.3 Strength modification (k_{mod})
- 3.1.4 Deformation modification (k_{def})
- 6. Ultimate limit states
- 6.2 Design of cross-sections subjected to combined stresses
- 6.3 Stability of members

Simbologia adottata nelle tabelle di verifica

Le verifiche effettuate ai sensi dell'EC5 sono dettagliatamente riportate come da tabella seguente:

Elem.	Numero dell'elemento
Tipo	Codice di individuazione del tipo di elemento: Trave (T) , Pilastro (P) , Asta (A)
Stato	Codice della verifica ok verificato, NV non verificato
Note	Numero della sezione (s) e del materiale (m) dell'archivio
Ver N+/M	Verifica come da formula 6.17 e 6.18 per tensoflessione
Ver N-/M	Verifica come da formula 6.19 e 6.20 per pressoflessione
Ver V/T	Verifica come da formula 6.13 e 6.14 (taglio torsione) con interazione ottenuta per quadratura del termine di taglio
Ver N(s)	Verifica come da formula 6.23 e 6.24 per pressoflessione di elementi con snellezza relativa in un piano maggiore di 0.3
Kcy (z)	Fattore di instabilità utilizzato nella formula 6.23 (6.24)
Ver M(s)	Verifica come da formula 6.35 (effettuata in entrambi i piani principali) per instabilità laterale
Kcrit (y) (z)	Fattore di instabilità laterale utilizzato nella formula 6.35 rispettivamente per la flessione y e z
w _{net R}	Massima deformazione in esercizio (R rara, F frequente, P quasi permanente)
w _{net Ri}	Massima deformazione in esercizio valutata a tempo infinito (R rara, F frequente, P quasi permanente)
kdef	Fattore di deformazione dell' elemento
Rif. cmb	Numero della combinazione in cui si è attinto il valore riportato per le verifiche

Si sottolinea che le cinque verifiche sono espresse dal rapporto tra domanda e capacità, affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1. La capacità è affetta dal termine **kmod**, espressione della

classe di servizio e della durata dei carichi (si considera a livello di combinazione il caso di carico di minor durata).

Le deformazioni dell' elemento espresse in rapporto ad un millesimo di lunghezza sono rappresentate dal valore istantaneo e dal valore a tempo infinito. Il valore della deformazione a tempo infinito per una combinazione di carichi è ottenuta sommando per ogni caso di carico sia il valore istantaneo che il valore ottenuto dall' aliquota quasi-permanente amplificata del fattore k_{def} (par. 2.2.3 formula da 2.2 a 2.5).

In termini analitici il contributo del caso di carico con coefficiente di combinazione **Psi** (diverso da 0) è **Psi + k_{def} * Psi2**. La relazione riporta a titolo informativo anche i valori per combinazioni frequenti e quasi permanenti, ma la norma richiede il controllo solo per le combinazioni rare (caratteristiche).

Il valore di deformazione riportato è espresso in 1000/L per rendere agevole il confronto di più valori e in particolare di più range di valori (ad esempio 2 rappresenta L/500, 4 rappresenta L/250 e così via).

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

Elem.	Note	Pos. cm	Ver N+/M	Ver N-/M	Ver V/T	Rif. cmb	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)	Rif. cmb
100 ok T,s=4,m=120		0.0		9.40e-02	1.12e-02	0,11,11	0.2	0.4	0.9	7.97e-02	1.0	1.0	11,11
		83.6		8.04e-02	1.12e-02	0,11,11	0.2	0.4	0.9	7.79e-02	1.0	1.0	11,11
		167.2		2.88e-02	1.28e-02	0,11,11	0.1	0.4	0.9	8.28e-02	1.0	1.0	11,11
101 ok T,s=4,m=120		0.0	2.86e-02	9.67e-02	1.16e-02	5,11,11	0.2	0.4	0.9	7.11e-02	1.0	1.0	11,11
		83.6	2.15e-02	7.82e-02	1.16e-02	5,11,11	0.1	0.4	0.9	6.85e-02	1.0	1.0	11,11
		167.2	1.19e-02	4.17e-02	1.27e-02	31,11,11	0.1	0.4	0.9	7.37e-02	1.0	1.0	11,11
102 ok T,s=5,m=120		0.0		4.12e-02	3.08e-03	0,11,11	7.07e-02	0.6	0.6	3.94e-02	1.0	1.0	11,1
		63.5		4.02e-02	2.91e-03	0,11,11	7.33e-02	0.6	0.6	4.10e-02	1.0	1.0	11,1
		127.0		8.26e-02	5.90e-03	0,11,11	0.1	0.6	0.6	4.32e-02	1.0	1.0	11,1
103 ok T,s=5,m=120		0.0		1.43e-03	2.05e-02	0,11,11	6.52e-02	0.6	0.6	6.52e-02	1.0	1.0	11,11
		112.6		0.1	1.41e-02	0,11,11	0.2	0.6	0.6	6.08e-02	1.0	1.0	11,11
		225.3		0.1	2.64e-02	0,11,11	0.2	0.6	0.6	5.29e-02	1.0	1.0	11,11
104 ok T,s=5,m=120		0.0	6.12e-02		6.62e-04	1,0,1				2.03e-03	1.0	1.0	0,1
		277.5	4.28e-02		2.51e-04	1,0,11				7.11e-04	1.0	1.0	0,1
		555.0	6.36e-02		6.77e-04	1,0,1				2.26e-03	1.0	1.0	0,1
105 ok T,s=5,m=120		0.0		2.16e-02	1.75e-03	0,11,11	5.02e-02	0.6	0.6	2.94e-02	1.0	1.0	11,11
		63.5		6.05e-03	1.74e-04	0,11,28	4.02e-02	0.6	0.6	3.46e-02	1.0	1.0	11,11
		127.0		4.51e-02	3.21e-03	0,11,11	8.47e-02	0.6	0.6	4.21e-02	1.0	1.0	11,11
106 ok T,s=5,m=120		0.0		1.58e-03	4.47e-03	0,11,11	6.86e-02	0.6	0.6	6.86e-02	1.0	1.0	11,11
		112.6		6.17e-02	1.96e-03	0,11,27	0.1	0.6	0.6	6.35e-02	1.0	1.0	11,11
		225.3		9.92e-02	1.03e-02	0,11,11	0.1	0.6	0.6	6.03e-02	1.0	1.0	11,11
107 ok T,s=5,m=120		0.0	5.10e-02		9.62e-04	1,0,1				1.94e-03	1.0	1.0	0,1
		277.5	3.66e-02		5.21e-04	11,0,1				7.69e-04	1.0	1.0	0,1
		555.0	5.35e-02		9.78e-04	1,0,1				2.16e-03	1.0	1.0	0,1
108 ok T,s=5,m=120		0.0		4.12e-02	2.94e-03	0,11,11	6.71e-02	0.6	0.6	3.86e-02	1.0	1.0	11,1
		63.5		3.83e-02	2.70e-03	0,11,11	6.77e-02	0.6	0.6	4.02e-02	1.0	1.0	11,1
		127.0		8.14e-02	5.45e-03	0,11,11	0.1	0.6	0.6	4.25e-02	1.0	1.0	11,1
109 ok T,s=5,m=120		0.0		1.29e-03	1.94e-02	0,11,11	6.20e-02	0.6	0.6	6.20e-02	1.0	1.0	11,11
		112.6		0.1	1.31e-02	0,11,11	0.2	0.6	0.6	5.91e-02	1.0	1.0	11,11
		225.3		0.1	2.42e-02	0,11,11	0.2	0.6	0.6	4.71e-02	1.0	1.0	11,11
110 ok T,s=5,m=120		0.0	5.08e-02		5.06e-04	1,0,1				2.05e-03	1.0	1.0	0,1
		277.5	3.31e-02		2.68e-04	1,0,39				7.64e-04	1.0	1.0	0,1
		555.0	5.08e-02		5.06e-04	1,0,1				2.06e-03	1.0	1.0	0,1
111 ok T,s=5,m=120		0.0	1.85e-02	3.30e-04	4.51e-03	1,14,11	2.03e-02	0.9	1.0	2.03e-02	1.0	1.0	14,14
		50.9	2.28e-02	2.84e-03	4.52e-03	1,4,11	2.18e-02	0.9	1.0	2.03e-02	1.0	1.0	14,14
		101.8	3.20e-02	9.29e-03	4.54e-03	1,4,11	2.75e-02	0.9	1.0	2.03e-02	1.0	1.0	11,14
112 ok T,s=5,m=120		0.0	1.87e-02	3.20e-04	1.61e-03	1,14,11	1.99e-02	0.9	1.0	1.99e-02	1.0	1.0	14,14
		50.0	2.67e-02	6.07e-03	1.63e-03	1,4,11	2.44e-02	0.9	1.0	1.99e-02	1.0	1.0	11,14
		100.0	3.95e-02	1.56e-02	1.66e-03	1,4,11	3.33e-02	0.9	1.0	1.99e-02	1.0	1.0	11,14
113 ok T,s=4,m=120		0.0	5.33e-02		6.60e-03	11,0,4				0.0	1.0	1.0	0,35
		60.0	6.01e-02		6.48e-03	11,0,4				2.12e-05	1.0	1.0	0,11
		120.0	6.96e-02		6.62e-03	11,0,4				1.61e-04	1.0	1.0	0,11
114 ok T,s=4,m=120		0.0	3.58e-02	0.0	3.27e-04	11,45,3	1.17e-03	0.4	1.0	1.17e-03	1.0	1.0	45,45
		60.0	4.07e-02	1.37e-03	2.90e-04	11,41,3	1.81e-03	0.4	1.0	4.48e-04	1.0	1.0	45,45

	120.0	6.88e-02	5.37e-03	5.43e-04	11,45,11	5.45e-03	0.4	1.0	7.32e-04	1.0	1.0	45,11
115 ok P,s=5,m=120	0.0	2.34e-02		6.67e-05	11,0,19							0,0
	75.0	2.25e-02		6.67e-05	11,0,19							0,0
	150.0	2.43e-02		6.67e-05	11,0,19							0,0
116 ok P,s=5,m=120	0.0	4.66e-02		6.66e-04	11,0,11							0,0
	75.0	3.12e-02		6.66e-04	11,0,11							0,0
	150.0	6.55e-02		6.66e-04	11,0,11							0,0
117 ok P,s=5,m=120	0.0	4.99e-02		7.75e-04	11,0,11							0,0
	75.0	3.36e-02		7.75e-04	11,0,11							0,0
	150.0	7.20e-02		7.75e-04	11,0,11							0,0
118 ok T,s=5,m=120	0.0		3.78e-02	1.28e-02	0,11,11	5.28e-02	1.0	1.0	1.58e-02	1.0	1.0	11,11
	61.6		2.15e-02	1.29e-02	0,11,11	3.64e-02	1.0	1.0	1.52e-02	1.0	1.0	11,11
	123.1		5.29e-02	1.30e-02	0,11,11	6.76e-02	1.0	1.0	1.75e-02	1.0	1.0	11,11
119 ok T,s=5,m=120	0.0		1.69e-02	1.60e-03	0,11,29	3.19e-02	1.0	1.0	1.55e-02	1.0	1.0	11,11
	61.6		6.88e-03	1.61e-03	0,11,29	2.17e-02	1.0	1.0	1.51e-02	1.0	1.0	11,11
	123.1		3.44e-02	1.62e-03	0,11,29	4.91e-02	1.0	1.0	1.60e-02	1.0	1.0	11,11
120 ok T,s=5,m=120	0.0		4.09e-02	1.47e-02	0,11,11	5.66e-02	1.0	1.0	1.67e-02	1.0	1.0	11,11
	61.6		2.08e-02	1.48e-02	0,11,11	3.63e-02	1.0	1.0	1.59e-02	1.0	1.0	11,11
	123.1		4.67e-02	1.49e-02	0,11,11	6.21e-02	1.0	1.0	1.76e-02	1.0	1.0	11,11
121 ok T,s=5,m=120	0.0		3.82e-02	1.34e-02	0,11,11	5.30e-02	1.0	1.0	1.64e-02	1.0	1.0	11,11
	61.6		1.67e-02	1.33e-02	0,11,11	3.17e-02	1.0	1.0	1.53e-02	1.0	1.0	11,11
	123.1		3.57e-02	1.32e-02	0,11,11	5.08e-02	1.0	1.0	1.59e-02	1.0	1.0	11,11
122 ok T,s=5,m=120	0.0		4.48e-02	1.51e-03	0,11,22	5.93e-02	1.0	1.0	1.67e-02	1.0	1.0	11,11
	61.6		1.13e-02	1.50e-03	0,11,22	2.60e-02	1.0	1.0	1.50e-02	1.0	1.0	11,11
	123.1		1.84e-02	1.48e-03	0,11,22	3.32e-02	1.0	1.0	1.54e-02	1.0	1.0	11,11
123 ok T,s=5,m=120	0.0		4.99e-02	1.56e-02	0,11,11	6.53e-02	1.0	1.0	1.80e-02	1.0	1.0	11,11
	61.6		2.14e-02	1.55e-02	0,11,11	3.70e-02	1.0	1.0	1.60e-02	1.0	1.0	11,11
	123.1		4.20e-02	1.54e-02	0,11,11	5.77e-02	1.0	1.0	1.68e-02	1.0	1.0	11,11
124 ok T,s=5,m=120	0.0		0.1	2.56e-02	0,11,11	0.2	0.6	0.6	5.87e-02	1.0	1.0	11,11
	112.6		9.77e-02	1.41e-02	0,11,11	0.2	0.6	0.6	6.60e-02	1.0	1.0	11,11
	225.3		1.67e-03	1.97e-02	0,11,11	7.05e-02	0.6	0.6	7.05e-02	1.0	1.0	11,11
125 ok T,s=5,m=120	0.0		8.35e-02	5.16e-03	0,11,11	0.1	0.6	0.6	3.61e-02	1.0	1.0	11,1
	63.5		4.60e-02	2.43e-03	0,11,11	7.26e-02	0.6	0.6	3.39e-02	1.0	1.0	11,1
	127.0		5.22e-02	2.82e-03	0,11,11	7.52e-02	0.6	0.6	3.22e-02	1.0	1.0	11,1
126 ok T,s=5,m=120	0.0		7.96e-02	1.04e-02	0,11,11	0.1	0.6	0.6	5.61e-02	1.0	1.0	11,11
	112.6		8.51e-02	1.50e-03	0,11,21	0.1	0.6	0.6	6.70e-02	1.0	1.0	11,11
	225.3		1.65e-03	5.59e-03	0,11,11	7.02e-02	0.6	0.6	7.02e-02	1.0	1.0	11,11
127 ok T,s=5,m=120	0.0		5.44e-02	3.46e-03	0,11,11	9.42e-02	0.6	0.6	4.33e-02	1.0	1.0	11,11
	63.5		3.31e-03	2.16e-04	0,17,11	3.62e-02	0.6	0.6	3.50e-02	1.0	1.0	11,11
	127.0		1.88e-02	1.41e-03	0,11,11	4.80e-02	0.6	0.6	2.99e-02	1.0	1.0	11,11
128 ok T,s=5,m=120	0.0		0.1	2.38e-02	0,11,11	0.2	0.6	0.6	5.67e-02	1.0	1.0	11,11
	112.6		7.76e-02	1.35e-02	0,11,11	0.1	0.6	0.6	5.89e-02	1.0	1.0	11,11
	225.3		1.39e-03	1.73e-02	0,11,11	6.44e-02	0.6	0.6	6.44e-02	1.0	1.0	11,11
129 ok T,s=5,m=120	0.0		7.22e-02	4.97e-03	0,11,11	0.1	0.6	0.6	3.61e-02	1.0	1.0	11,1
	63.5		3.93e-02	2.25e-03	0,11,11	6.45e-02	0.6	0.6	3.39e-02	1.0	1.0	11,1
	127.0		4.24e-02	2.67e-03	0,11,11	6.41e-02	0.6	0.6	3.22e-02	1.0	1.0	11,1
130 ok T,s=4,m=120	0.0	0.2		1.57e-02	11,0,11				3.75e-02	1.0	1.0	0,11
	180.2	0.2		1.65e-03	11,0,11				4.01e-02	1.0	1.0	0,11
	360.3	2.43e-02		1.53e-02	1,0,11				0.0	1.0	1.0	0,4
131 ok T,s=4,m=120	0.0	3.67e-02		1.44e-02	1,0,11				0.0	1.0	1.0	0,43
	176.3	0.2		1.45e-03	11,0,11				3.51e-02	1.0	1.0	0,11
	352.6	0.2		1.46e-02	11,0,11				3.55e-02	1.0	1.0	0,11
132 ok T,s=5,m=120	0.0		3.12e-04	6.40e-03	0,11,11	1.77e-02	1.0	1.0	1.77e-02	1.0	1.0	11,11
	46.9		8.77e-03	6.07e-03	0,11,11	2.46e-02	1.0	1.0	1.62e-02	1.0	1.0	11,11
	93.7		1.12e-02	6.60e-03	0,11,11	2.59e-02	1.0	1.0	1.50e-02	1.0	1.0	11,11
133 ok T,s=5,m=120	0.0		9.04e-03	7.52e-03	0,11,11	2.29e-02	1.0	1.0	1.41e-02	1.0	1.0	11,11
	48.7		1.42e-02	6.74e-03	0,11,11	2.95e-02	1.0	1.0	1.57e-02	1.0	1.0	11,11
	97.3		3.01e-04	7.44e-03	0,11,11	1.74e-02	1.0	1.0	1.74e-02	1.0	1.0	11,11
134 ok T,s=5,m=120	0.0		2.51e-04	7.96e-03	0,11,11	1.59e-02	1.0	1.0	1.59e-02	1.0	1.0	11,11
	47.5		9.43e-03	7.54e-03	0,11,11	2.34e-02	1.0	1.0	1.43e-02	1.0	1.0	11,11
	95.0		9.13e-03	8.14e-03	0,11,11	2.19e-02	1.0	1.0	1.30e-02	1.0	1.0	11,11
135 ok T,s=5,m=120	0.0		1.17e-02	6.98e-03	0,11,11	2.63e-02	1.0	1.0	1.48e-02	1.0	1.0	11,11
	48.3		1.28e-02	6.45e-03	0,11,11	2.86e-02	1.0	1.0	1.61e-02	1.0	1.0	11,11
	96.7		3.07e-04	6.90e-03	0,11,11	1.76e-02	1.0	1.0	1.76e-02	1.0	1.0	11,11
136 ok T,s=5,m=120	0.0		2.29e-04	3.33e-03	0,11,11	1.51e-02	1.0	1.0	1.51e-02	1.0	1.0	11,11
	47.2		1.85e-02	2.49e-03	0,11,11	3.16e-02	1.0	1.0	1.36e-02	1.0	1.0	11,11
	94.4		7.81e-03	2.93e-03	0,4,11	1.92e-02	1.0	1.0	1.18e-02	1.0	1.0	11,11
137 ok T,s=5,m=120	0.0		4.28e-04	1.04e-02	0,11,11	2.08e-02	1.0	1.0	2.08e-02	1.0	1.0	11,11
	48.3		1.84e-02	9.58e-03	0,11,11	3.70e-02	1.0	1.0	1.92e-02	1.0	1.0	11,11
	96.6		7.28e-03	1.01e-02	0,11,11	2.45e-02	1.0	1.0	1.75e-02	1.0	1.0	11,11
138 ok T,s=5,m=120	0.0		1.08e-02	5.47e-03	0,11,11	2.46e-02	1.0	1.0	1.40e-02	1.0	1.0	11,11
	47.4		9.35e-03	4.84e-03	0,11,11	2.44e-02	1.0	1.0	1.54e-02	1.0	1.0	11,11
	94.7		2.89e-04	5.25e-03	0,11,11	1.70e-02	1.0	1.0	1.70e-02	1.0	1.0	11,11
139 ok T,s=5,m=120	0.0		2.72e-04	5.91e-03	0,11,11	1.65e-02	1.0	1.0	1.65e-02	1.0	1.0	11,11
	48.2		1.16e-02	5.51e-03	0,11,11	2.64e-02	1.0	1.0	1.51e-02	1.0	1.0	11,11
	96.4		1.09e-02	6.02e-03	0,11,11	2.45e-02	1.0	1.0	1.38e-02	1.0	1.0	11,11
140 ok T,s=4,m=120	0.0	8.29e-02		9.06e-04	11,0,11				9.51e-04	1.0	1.0	0,11

	60.0	5.18e-02		4.70e-04	11,0,11			0.0	1.0	1.0	0,4
	120.0	4.93e-02		5.30e-04	11,0,11			0.0	1.0	1.0	0,19
141 ok T,s=4,m=120	0.0	9.07e-02		9.74e-04	11,0,11			1.12e-03	1.0	1.0	0,11
	60.0	5.69e-02		5.05e-04	11,0,11			2.47e-06	1.0	1.0	0,11
	120.0	5.24e-02		5.28e-04	11,0,11			0.0	1.0	1.0	0,37
142 ok T,s=4,m=120	0.0	3.10e-02	3.98e-03	4.62e-03	11,46,11	1.00e-02	0.4	0.9 6.03e-03	1.0	1.0	42,42
	81.9	5.80e-02	8.55e-03	3.21e-03	11,44,11	1.35e-02	0.4	0.9 4.97e-03	1.0	1.0	42,42
	163.9	5.12e-02	6.80e-03	3.64e-03	11,36,11	9.35e-03	0.4	0.9 4.45e-03	1.0	1.0	42,42
143 ok T,s=4,m=120	0.0	6.23e-02	1.05e-02	5.26e-03	11,17,11	2.09e-02	0.4	0.9 1.16e-02	1.0	1.0	45,45
	81.9	3.92e-02	7.42e-03	3.00e-03	11,39,11	1.79e-02	0.4	0.9 1.06e-02	1.0	1.0	45,45
	163.9	5.96e-02	1.19e-02	2.96e-03	11,35,11	2.13e-02	0.4	0.9 1.02e-02	1.0	1.0	45,45
236 ok T,s=5,m=120	0.0		4.52e-03	2.53e-03	0,11,1	0.1	0.5	1.0 0.1	1.0	1.0	11,11
	75.0		3.22e-02	2.06e-03	0,11,1	0.2	0.5	1.0 0.1	1.0	1.0	11,11
	150.0		1.74e-02	2.12e-03	0,1,1	0.1	0.5	1.0 0.1	1.0	1.0	11,11
237 ok T,s=5,m=120	0.0		4.00e-03	1.90e-03	0,11,11	0.1	0.5	1.0 0.1	1.0	1.0	11,11
	75.0		2.98e-02	9.50e-04	0,11,1	0.2	0.5	1.0 0.1	1.0	1.0	11,11
	150.0		1.90e-02	1.08e-03	0,1,11	0.1	0.5	1.0 0.1	1.0	1.0	11,11
238 ok T,s=5,m=120	0.0		0.3	2.38e-02	0,11,11	0.5	0.5	1.0 0.2	1.0	1.0	11,11
	62.5		6.13e-02	2.06e-02	0,11,11	0.2	0.5	1.0 0.2	1.0	1.0	11,11
	125.0		0.2	1.37e-02	0,11,11	0.3	0.5	1.0 0.2	1.0	1.0	11,11
239 ok T,s=5,m=120	0.0		0.3	2.63e-02	0,11,11	0.4	0.5	1.0 0.2	1.0	1.0	11,11
	62.5		5.29e-02	2.33e-02	0,11,11	0.2	0.5	1.0 0.2	1.0	1.0	11,11
	125.0		0.2	1.71e-02	0,11,11	0.3	0.5	1.0 0.2	1.0	1.0	11,11
240 ok T,s=5,m=120	0.0		2.14e-02	8.55e-04	0,1,11	0.1	0.3	0.3 0.1	1.0	1.0	1,1
	249.5		4.01e-02	6.58e-04	0,1,11	0.1	0.3	0.3 0.1	1.0	1.0	1,1
	499.0		2.26e-02	8.69e-04	0,1,11	0.1	0.3	0.3 0.1	1.0	1.0	1,1
241 ok T,s=5,m=120	0.0	6.41e-02		3.08e-03	1,0,11			0.0	1.0	1.0	0,40
	103.8	0.1		1.21e-03	11,0,33			2.50e-03	1.0	1.0	0,11
	207.7	0.1		6.97e-03	11,0,11			5.88e-03	1.0	1.0	0,11
242 ok T,s=5,m=120	0.0	7.78e-02		1.22e-03	11,0,11			6.25e-05	1.0	1.0	0,11
	50.0	8.32e-02		1.38e-03	11,0,11			1.67e-04	1.0	1.0	0,11
	100.0	0.1		2.67e-03	11,0,11			1.85e-03	1.0	1.0	0,11
243 ok T,s=5,m=120	0.0	1.00e-02	1.82e-06	6.08e-03	11,46,11	2.00e-03	0.7	0.7 2.00e-03	1.0	1.0	46,46
	156.4	0.1	1.57e-02	1.85e-03	11,46,11	1.59e-02	0.7	0.7 7.35e-03	1.0	1.0	46,11
	312.9	0.2	0.0	1.05e-02	11,0,11	0.0	0.7	0.7 3.44e-02	1.0	1.0	0,11
244 ok T,s=5,m=120	0.0	0.2	0.0	9.97e-03	11,0,11	0.0	0.7	0.7 3.61e-02	1.0	1.0	0,11
	156.3	0.1	0.0	1.11e-03	11,0,11	0.0	0.7	0.7 7.41e-03	1.0	1.0	0,11
	312.6	1.97e-02	5.27e-03	6.31e-03	1,41,11	6.45e-03	0.7	0.7 1.85e-03	1.0	1.0	39,31
245 ok P,s=5,m=120	0.0	2.19e-02		1.43e-03	11,0,11						0,0
	70.0	2.25e-02		1.43e-03	11,0,11						0,0
	140.0	2.44e-02		1.43e-03	11,0,11						0,0
246 ok T,s=5,m=120	0.0		3.35e-02	1.22e-03	0,11,42	4.44e-02	1.0	1.0 1.21e-02	1.0	1.0	11,11
	57.5		1.32e-02	1.21e-03	0,11,42	2.43e-02	1.0	1.0 1.13e-02	1.0	1.0	11,11
	115.0		4.42e-03	1.21e-03	0,14,42	1.56e-02	1.0	1.0 1.14e-02	1.0	1.0	11,11
247 ok T,s=5,m=120	0.0		4.96e-03	1.61e-03	0,11,31	1.62e-02	1.0	1.0 1.14e-02	1.0	1.0	11,11
	57.5		1.33e-02	1.62e-03	0,11,31	2.44e-02	1.0	1.0 1.14e-02	1.0	1.0	11,11
	115.0		3.47e-02	1.62e-03	0,11,31	4.56e-02	1.0	1.0 1.22e-02	1.0	1.0	11,11
248 ok T,s=5,m=120	0.0	0.1		2.22e-03	11,0,11			1.88e-03	1.0	1.0	0,11
	50.0	8.30e-02		8.36e-04	11,0,11			1.24e-04	1.0	1.0	0,11
	100.0	7.66e-02		6.45e-04	11,0,11			6.04e-05	1.0	1.0	0,11
249 ok T,s=5,m=120	0.0	0.1		7.39e-03	11,0,11			5.99e-03	1.0	1.0	0,11
	103.8	0.1		1.30e-03	11,0,39			2.83e-03	1.0	1.0	0,11
	207.7	6.31e-02		3.56e-03	1,0,11			0.0	1.0	1.0	0,45
250 ok T,s=5,m=120	0.0		6.79e-02	9.22e-03	0,11,1	7.78e-02	1.0	1.0 1.45e-02	1.0	1.0	11,11
	60.5		5.88e-02	9.20e-03	0,11,1	7.02e-02	1.0	1.0 1.50e-02	1.0	1.0	11,11
	120.9		1.84e-04	9.67e-03	0,11,1	1.39e-02	1.0	1.0 1.39e-02	1.0	1.0	11,11
251 ok T,s=5,m=120	0.0		3.10e-04	8.84e-03	0,11,1	1.79e-02	1.0	1.0 1.79e-02	1.0	1.0	11,11
	57.7		6.08e-02	8.43e-03	0,11,1	7.66e-02	1.0	1.0 1.97e-02	1.0	1.0	11,11
	115.4		8.49e-02	8.36e-03	0,11,1	9.94e-02	1.0	1.0 2.18e-02	1.0	1.0	11,11
252 ok T,s=5,m=120	0.0		8.23e-02	6.95e-03	0,11,14	9.36e-02	1.0	1.0 1.81e-02	1.0	1.0	11,11
	58.3		6.28e-02	7.50e-03	0,11,14	7.57e-02	1.0	1.0 1.69e-02	1.0	1.0	11,11
	116.7		2.22e-04	1.05e-02	0,11,11	1.52e-02	1.0	1.0 1.52e-02	1.0	1.0	11,11
253 ok T,s=5,m=120	0.0		2.32e-04	9.29e-03	0,11,1	1.55e-02	1.0	1.0 1.55e-02	1.0	1.0	11,11
	59.1		6.37e-02	8.82e-03	0,11,1	7.70e-02	1.0	1.0 1.75e-02	1.0	1.0	11,11
	118.3		8.43e-02	8.77e-03	0,11,1	9.62e-02	1.0	1.0 1.90e-02	1.0	1.0	11,11
254 ok T,s=5,m=120	0.0		3.17e-02	1.77e-02	0,11,11	4.65e-02	1.0	1.0 1.53e-02	1.0	1.0	11,11
	57.8		3.50e-02	1.75e-02	0,11,11	5.11e-02	1.0	1.0 1.72e-02	1.0	1.0	11,11
	115.6		3.23e-04	1.87e-02	0,11,11	1.83e-02	1.0	1.0 1.83e-02	1.0	1.0	11,11
255 ok T,s=5,m=120	0.0		8.22e-02	1.10e-02	0,11,1	9.93e-02	1.0	1.0 2.41e-02	1.0	1.0	11,11
	60.3		1.68e-02	1.03e-02	0,11,1	3.18e-02	1.0	1.0 1.55e-02	1.0	1.0	11,11
	120.6		1.78e-04	1.02e-02	0,11,1	1.36e-02	1.0	1.0 1.36e-02	1.0	1.0	11,11
256 ok T,s=5,m=120	0.0		8.47e-02	9.72e-03	0,11,1	9.78e-02	1.0	1.0 1.95e-02	1.0	1.0	11,11
	58.6		6.14e-02	9.80e-03	0,11,1	7.58e-02	1.0	1.0 1.80e-02	1.0	1.0	11,11
	117.3		2.60e-04	1.02e-02	0,11,1	1.64e-02	1.0	1.0 1.64e-02	1.0	1.0	11,11
257 ok T,s=5,m=120	0.0		2.34e-04	8.56e-03	0,11,11	1.56e-02	1.0	1.0 1.56e-02	1.0	1.0	11,11
	57.7		6.36e-02	7.12e-03	0,11,1	7.65e-02	1.0	1.0 1.71e-02	1.0	1.0	11,11
	115.4		7.98e-02	7.05e-03	0,11,1	9.11e-02	1.0	1.0 1.76e-02	1.0	1.0	11,11

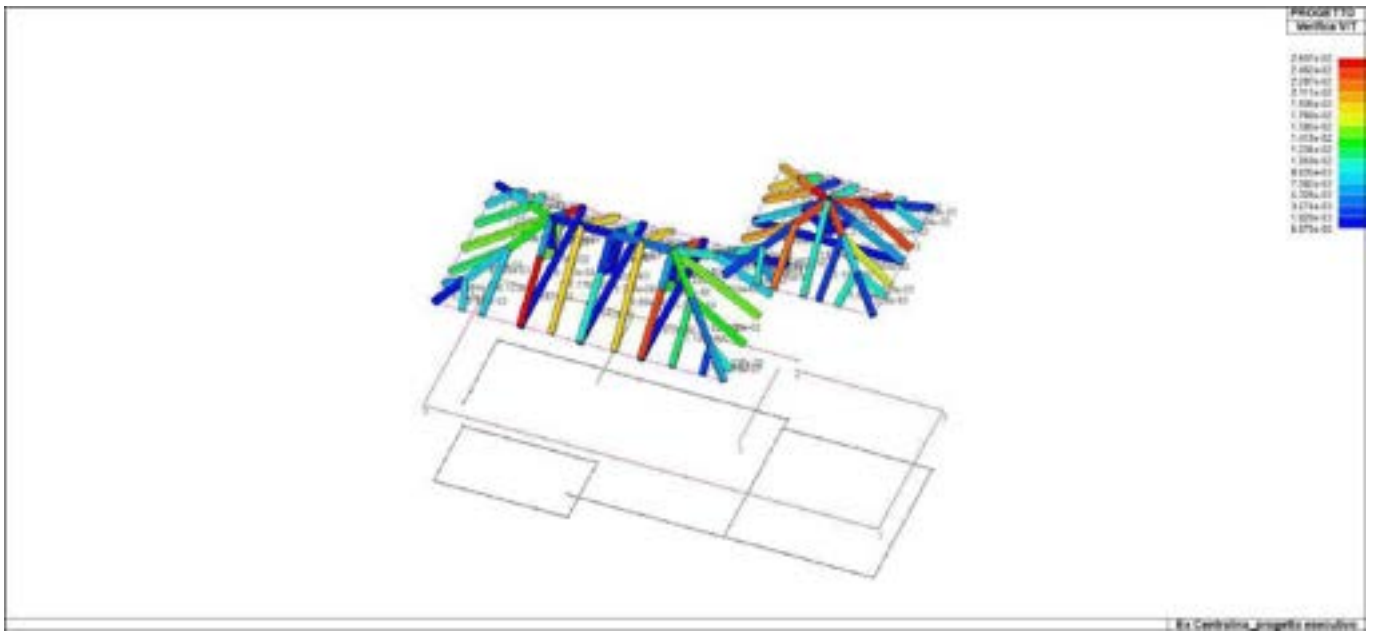
258 ok T,s=5,m=120	0.0	9.37e-02	8.44e-03	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	0.1	7.10e-03	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	125.0	0.2	6.97e-03	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
259 ok T,s=5,m=120	0.0	0.1	1.64e-03	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	0.1	1.10e-03	0,11,1	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	125.0	0.2	1.09e-03	0,11,1	0.3	0.5	1.0	0.2	1.0	1.0	11,11
260 ok T,s=5,m=120	0.0	1.65e-02	1.78e-03	0,11,11	0.1	0.5	1.0	0.1	1.0	1.0	11,11
	75.0	3.00e-02	1.29e-03	0,11,11	0.2	0.5	1.0	0.1	1.0	1.0	11,11
	150.0	4.45e-03	2.69e-03	0,11,11	0.1	0.5	1.0	0.1	1.0	1.0	11,11
261 ok T,s=5,m=120	0.0	3.92e-02	1.86e-02	0,11,11	0.2	0.5	1.0	0.1	1.0	1.0	11,11
	75.0	5.02e-02	1.84e-02	0,11,11	0.2	0.5	1.0	0.1	1.0	1.0	11,11
	150.0	4.52e-03	2.07e-02	0,11,11	0.1	0.5	1.0	0.1	1.0	1.0	11,11
262 ok T,s=5,m=120	0.0	3.22e-02	9.38e-03	4.55e-03	1,4,11	2.73e-02	0.9	1.0	2.00e-02	1.0	11,14
	50.9	2.30e-02	2.88e-03	4.52e-03	1,4,11	2.15e-02	0.9	1.0	2.00e-02	1.0	14,14
	101.8	1.87e-02	3.20e-04	4.52e-03	1,14,11	2.00e-02	0.9	1.0	2.00e-02	1.0	14,14
263 ok T,s=5,m=120	0.0	3.90e-02	1.57e-02	1.67e-03	1,4,11	3.44e-02	0.9	1.0	2.09e-02	1.0	11,14
	50.0	2.61e-02	6.12e-03	1.63e-03	1,4,11	2.55e-02	0.9	1.0	2.09e-02	1.0	11,14
	100.0	1.80e-02	3.51e-04	1.62e-03	1,14,11	2.09e-02	0.9	1.0	2.09e-02	1.0	14,14
264 ok T,s=5,m=120	0.0	2.44e-04	1.87e-02	0,11,11	2.70e-02	0.6	0.6	2.70e-02	1.0	1.0	11,11
	176.3	0.3	7.77e-04	0,11,1	0.3	0.6	0.6	0.1	1.0	1.0	11,11
	352.7	1.13e-03	1.87e-02	0,11,11	5.81e-02	0.6	0.6	5.81e-02	1.0	1.0	11,11
265 ok T,s=5,m=120	0.0	1.12e-03	1.89e-02	0,11,11	5.77e-02	0.6	0.6	5.77e-02	1.0	1.0	11,11
	176.2	0.3	6.14e-04	0,11,11	0.3	0.6	0.6	0.1	1.0	1.0	11,11
	352.5	2.38e-04	1.89e-02	0,11,11	2.66e-02	0.6	0.6	2.66e-02	1.0	1.0	11,11
266 ok T,s=5,m=120	0.0	1.12e-03	1.78e-02	0,11,11	5.76e-02	0.6	0.6	5.76e-02	1.0	1.0	11,11
	176.1	0.3	3.73e-04	0,11,1	0.3	0.6	0.6	0.1	1.0	1.0	11,11
	352.3	2.46e-04	1.78e-02	0,11,11	2.71e-02	0.6	0.6	2.71e-02	1.0	1.0	11,11
268 ok T,s=5,m=120	0.0	1.09e-03	1.78e-02	0,11,11	5.70e-02	0.6	0.6	5.70e-02	1.0	1.0	11,11
	176.2	0.3	4.53e-04	0,11,1	0.3	0.6	0.6	0.1	1.0	1.0	11,11
	352.4	2.34e-04	1.78e-02	0,11,11	2.64e-02	0.6	0.6	2.64e-02	1.0	1.0	11,11
269 ok T,s=4,m=120	0.0	5.96e-02	5.43e-03	11,0,11				3.67e-04	1.0	1.0	0,11
	83.6	5.22e-02	5.52e-03	11,0,11				3.11e-04	1.0	1.0	0,11
	167.2	7.27e-02	8.18e-03	11,0,11				1.97e-03	1.0	1.0	0,11
270 ok T,s=4,m=120	0.0	7.76e-02	5.46e-03	11,0,11				6.03e-04	1.0	1.0	0,11
	83.6	5.73e-02	5.57e-03	11,0,11				2.89e-04	1.0	1.0	0,11
	167.2	8.72e-02	8.13e-03	11,0,11				2.23e-03	1.0	1.0	0,11
271 ok T,s=4,m=120	0.0	1.95e-02	2.70e-02	1.28e-02	39,11,11	0.1	0.4	0.9	8.14e-02	1.0	11,11
	81.9	1.91e-02	6.41e-02	1.11e-02	43,11,11	0.1	0.4	0.9	7.65e-02	1.0	11,11
	163.9	3.34e-02	0.1	1.11e-02	43,11,11	0.2	0.4	0.9	7.99e-02	1.0	11,11
272 ok T,s=4,m=120	0.0	1.55e-02	4.37e-02	9.72e-03	44,11,11	0.1	0.4	0.9	9.68e-02	1.0	11,11
	81.9	1.61e-02	7.73e-02	8.62e-03	44,11,11	0.2	0.4	0.9	9.18e-02	1.0	11,11
	163.9	2.64e-02	0.1	8.62e-03	44,11,11	0.2	0.4	0.9	9.50e-02	1.0	11,11
273 ok T,s=5,m=120	0.0	1.07e-03	6.23e-03	0,11,11	3.79e-02	0.9	0.9	3.79e-02	1.0	1.0	11,11
	111.9	0.1	1.52e-03	0,11,11	0.2	0.9	0.9	5.47e-02	1.0	1.0	11,11
	223.8	1.81e-03	8.12e-03	0,11,11	4.93e-02	0.9	0.9	4.93e-02	1.0	1.0	11,11
274 ok T,s=5,m=120	0.0	1.91e-03	1.10e-02	0,11,11	5.07e-02	0.9	0.9	5.07e-02	1.0	1.0	11,11
	111.7	0.1	4.47e-03	0,11,11	0.2	0.9	0.9	5.53e-02	1.0	1.0	11,11
	223.4	1.15e-03	8.88e-03	0,11,11	3.93e-02	0.9	0.9	3.93e-02	1.0	1.0	11,11
275 ok T,s=5,m=120	0.0	1.52e-03	6.89e-03	0,11,11	4.54e-02	0.9	0.9	4.54e-02	1.0	1.0	11,11
	112.8	0.1	2.11e-03	0,11,11	0.2	0.9	0.9	6.26e-02	1.0	1.0	11,11
	225.5	2.39e-03	8.97e-03	0,11,11	5.69e-02	0.9	0.9	5.69e-02	1.0	1.0	11,11
276 ok T,s=5,m=120	0.0	8.93e-04	9.26e-03	0,11,11	3.50e-02	0.9	0.9	3.50e-02	1.0	1.0	11,11
	114.6	0.1	5.07e-03	0,11,11	0.1	0.9	0.9	5.06e-02	1.0	1.0	11,11
	229.2	1.51e-03	1.08e-02	0,11,11	4.55e-02	0.9	0.9	4.55e-02	1.0	1.0	11,11
277 ok T,s=5,m=120	0.0	6.56e-04	1.01e-02	0,11,11	2.99e-02	0.9	0.9	2.99e-02	1.0	1.0	11,11
	113.8	0.1	4.64e-03	0,11,11	0.2	0.9	0.9	4.93e-02	1.0	1.0	11,11
	227.5	1.30e-03	1.23e-02	0,11,11	4.20e-02	0.9	0.9	4.20e-02	1.0	1.0	11,11
278 ok T,s=5,m=120	0.0	1.61e-03	1.34e-02	0,11,11	4.65e-02	0.9	0.9	4.65e-02	1.0	1.0	11,11
	111.4	0.1	4.75e-03	0,11,11	0.2	0.9	0.9	5.28e-02	1.0	1.0	11,11
	222.8	8.42e-04	1.02e-02	0,11,11	3.36e-02	0.9	0.9	3.36e-02	1.0	1.0	11,11
279 ok T,s=5,m=120	0.0	1.36e-03	8.79e-03	0,11,11	4.28e-02	0.9	0.9	4.28e-02	1.0	1.0	11,11
	112.4	9.56e-02	4.04e-03	0,11,11	0.1	0.9	0.9	4.62e-02	1.0	1.0	11,11
	224.8	8.05e-04	7.59e-03	0,11,11	3.30e-02	0.9	0.9	3.30e-02	1.0	1.0	11,11
280 ok T,s=5,m=120	0.0	1.63e-03	8.31e-03	0,11,11	4.69e-02	0.9	0.9	4.69e-02	1.0	1.0	11,11
	111.9	0.1	1.97e-03	0,11,11	0.1	0.9	0.9	5.16e-02	1.0	1.0	11,11
	223.9	9.45e-04	6.37e-03	0,11,11	3.56e-02	0.9	0.9	3.56e-02	1.0	1.0	11,11
281 ok T,s=5,m=120	0.0	0.2	9.86e-04	0,11,1	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	0.1	1.05e-03	0,11,1	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	125.0	9.63e-02	1.99e-03	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
282 ok T,s=5,m=120	0.0	0.2	2.05e-02	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	0.1	2.09e-02	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	125.0	7.05e-02	2.28e-02	0,11,11	0.2	0.5	1.0	0.2	1.0	1.0	11,11
283 ok T,s=5,m=120	0.0	0.2	1.42e-02	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	5.30e-02	2.03e-02	0,11,11	0.2	0.5	1.0	0.2	1.0	1.0	11,11
	125.0	0.3	2.32e-02	0,11,11	0.4	0.5	1.0	0.2	1.0	1.0	11,11
284 ok T,s=5,m=120	0.0	0.2	1.32e-02	0,11,11	0.3	0.5	1.0	0.2	1.0	1.0	11,11
	62.5	6.20e-02	1.98e-02	0,11,11	0.2	0.5	1.0	0.2	1.0	1.0	11,11

	125.0		0.3	2.30e-02	0,11,11	0.4	0.5	1.0	0.2	1.0	1.0	11,11
285 ok T,s=5,m=120	0.0	1.76e-03	0.0	2.66e-03	30,14,11	4.30e-04	0.9	0.9	4.30e-04	1.0	1.0	14,14
	107.7	2.17e-02	7.68e-02	4.47e-06	5,11,11	8.06e-02	0.9	0.9	9.66e-03	1.0	1.0	11,11
	215.3	0.0	4.47e-05	3.14e-03	0,11,11	7.63e-03	0.9	0.9	7.63e-03	1.0	1.0	11,11
286 ok T,s=5,m=120	0.0	1.71e-03	1.95e-05	1.66e-02	30,11,11	5.03e-03	0.9	0.9	5.03e-03	1.0	1.0	11,11
	106.8	7.02e-02	8.43e-02	1.23e-02	9,11,11	8.47e-02	0.9	0.9	7.47e-03	1.0	1.0	11,11
	213.6	5.37e-03	0.0	1.54e-02	1,0,11	0.0	0.9	0.9	0.0	1.0	1.0	0,1
287 ok T,s=5,m=120	0.0	2.30e-04	5.43e-05	2.36e-02	40,11,11	8.38e-03	0.9	0.9	8.38e-03	1.0	1.0	11,11
	106.2	3.72e-02	8.33e-02	1.94e-02	1,11,11	8.70e-02	0.9	0.9	1.06e-02	1.0	1.0	11,11
	212.3	2.84e-03	0.0	2.25e-02	1,14,11	2.68e-04	0.9	0.9	2.68e-04	1.0	1.0	14,14
288 ok T,s=5,m=120	0.0	1.02e-03	3.27e-05	2.16e-02	40,11,11	6.55e-03	0.9	0.9	6.55e-03	1.0	1.0	11,11
	108.2	3.91e-02	8.75e-02	1.70e-02	1,11,11	8.93e-02	0.9	0.9	9.49e-03	1.0	1.0	11,11
	216.5	3.21e-03	0.0	2.03e-02	40,41,11	5.62e-04	0.9	0.9	5.62e-04	1.0	1.0	41,41
289 ok T,s=5,m=120	0.0	0.0	2.23e-05	3.49e-03	0,11,11	5.39e-03	0.9	0.9	5.39e-03	1.0	1.0	11,11
	107.6	3.62e-02	8.01e-02	3.51e-06	1,11,11	8.14e-02	0.9	0.9	7.71e-03	1.0	1.0	11,11
	215.2	2.92e-03	0.0	2.87e-03	11,0,11	0.0	0.9	0.9	0.0	1.0	1.0	0,15
290 ok T,s=5,m=120	0.0	5.97e-03	0.0	2.00e-02	11,0,11	0.0	0.9	0.9	0.0	1.0	1.0	0,42
	106.4	8.43e-02	1.70e-02	1.69e-02	11,18,11	1.71e-02	0.9	0.9	6.89e-03	1.0	1.0	18,11
	212.7	1.81e-03	1.00e-05	2.11e-02	15,11,11	3.60e-03	0.9	0.9	3.60e-03	1.0	1.0	11,11
291 ok T,s=5,m=120	0.0	4.93e-03	0.0	1.91e-02	1,0,11	0.0	0.9	0.9	0.0	1.0	1.0	0,44
	105.8	4.80e-02	8.15e-02	1.61e-02	2,11,11	8.27e-02	0.9	0.9	7.80e-03	1.0	1.0	11,11
	211.5	9.34e-04	2.46e-05	2.00e-02	5,11,11	5.63e-03	0.9	0.9	5.63e-03	1.0	1.0	11,11
292 ok T,s=5,m=120	0.0	3.34e-03	0.0	2.01e-02	1,0,11	0.0	0.9	0.9	0.0	1.0	1.0	0,1
	107.5	4.40e-02	8.84e-02	1.67e-02	10,11,11	9.02e-02	0.9	0.9	9.65e-03	1.0	1.0	11,11
	215.0	3.70e-04	3.32e-05	2.12e-02	37,11,11	6.57e-03	0.9	0.9	6.57e-03	1.0	1.0	11,11

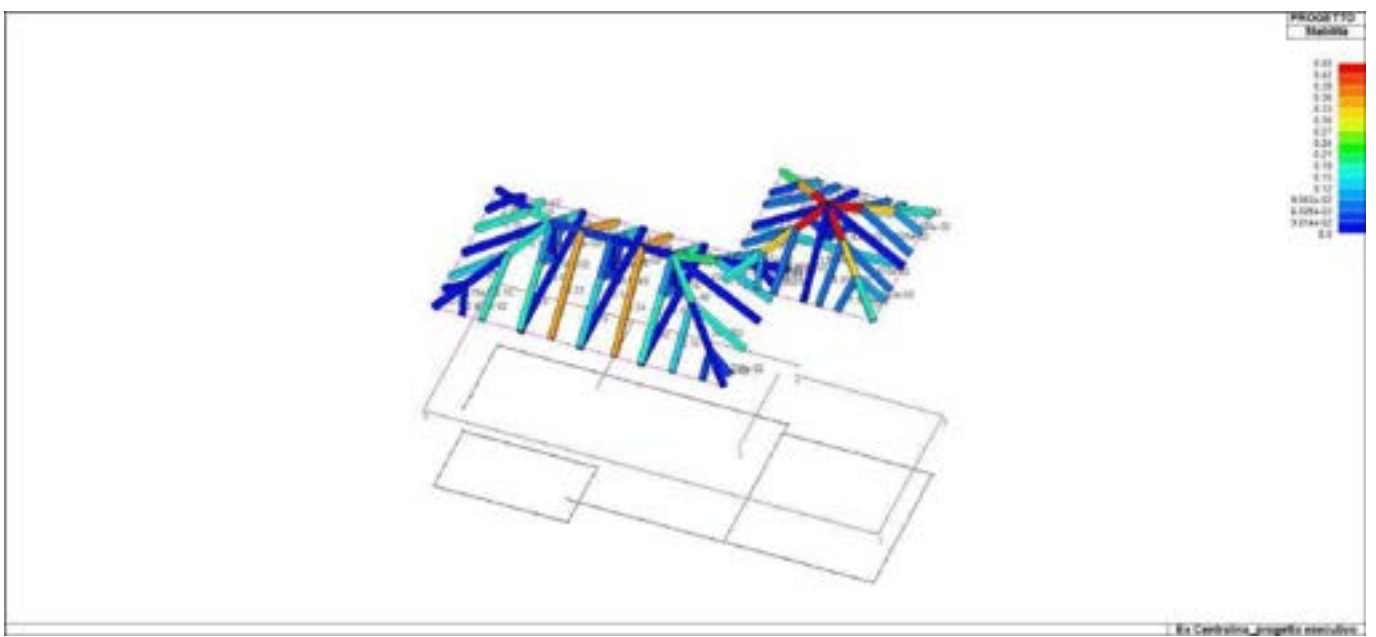
Elem.	Ver N+M	Ver N-M	Ver V/T	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)
	0.24	0.30	0.03	0.45	0.33	0.33	0.19	1.00	1.00

Elem.	w,net R	w,net F	w,net P	Rif. cmb	Kdef	w,net Ri	w,net Fi	w,net Pi	Rif. cmb
100	0.2	6.98e-02	4.71e-02	85,90,92	0.8	0.2	0.1	8.48e-02	85,90,92
101	0.2	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
102	0.3	0.1	8.17e-02	85,90,92	0.8	0.3	0.2	0.1	85,90,92
103	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.3	85,90,92
104	7.83e-02	7.83e-02	7.83e-02	79,86,91	0.8	0.1	0.1	0.1	79,86,91
105	0.1	7.05e-02	6.14e-02	85,90,92	0.8	0.2	0.1	0.1	85,90,92
106	0.1	6.72e-02	6.48e-02	85,87,92	0.8	0.2	0.1	0.1	85,87,92
107	8.38e-02	8.38e-02	8.38e-02	79,86,91	0.8	0.2	0.2	0.2	79,86,91
108	0.4	0.2	0.2	85,90,92	0.8	0.5	0.4	0.3	85,90,92
109	0.2	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
110	8.32e-02	8.32e-02	8.32e-02	83,88,91	0.8	0.1	0.1	0.1	83,88,91
111	0.1	0.1	0.1	79,86,91	0.8	0.2	0.2	0.2	79,86,91
112	0.1	9.90e-02	9.54e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
113	0.1	9.12e-02	8.70e-02	82,87,92	0.8	0.2	0.2	0.2	82,87,92
114	8.52e-02	8.08e-02	7.90e-02	81,87,92	0.8	0.1	0.1	0.1	81,87,92
115	0.1	0.1	0.1	82,87,92	0.8	0.2	0.2	0.2	82,87,92
116	0.8	0.4	0.4	85,90,92	0.8	1.1	0.8	0.7	85,90,92
117	0.6	0.3	0.2	85,90,92	0.8	0.8	0.5	0.4	85,90,92
118	0.6	0.3	0.3	85,90,92	0.8	0.8	0.5	0.5	85,90,92
119	8.51e-02	6.18e-02	5.98e-02	85,87,92	0.8	0.1	0.1	0.1	85,87,92
120	0.5	0.2	0.2	85,90,92	0.8	0.7	0.4	0.4	85,90,92
121	0.5	0.3	0.3	85,90,92	0.8	0.8	0.5	0.5	85,90,92
122	0.1	7.44e-02	6.42e-02	85,90,92	0.8	0.2	0.1	0.1	85,90,92
123	0.5	0.2	0.2	85,90,92	0.8	0.6	0.4	0.3	85,90,92
124	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.3	85,90,92
125	0.3	0.1	9.41e-02	85,90,92	0.8	0.4	0.2	0.2	85,90,92
126	0.2	8.97e-02	7.18e-02	85,90,92	0.8	0.2	0.1	0.1	85,90,92
127	9.17e-02	6.70e-02	6.46e-02	85,87,92	0.8	0.1	0.1	0.1	85,87,92
128	0.1	6.73e-02	5.44e-02	85,90,92	0.8	0.2	0.1	9.79e-02	85,90,92
129	0.4	0.2	0.2	85,90,92	0.8	0.5	0.4	0.4	85,90,92
130	0.6	0.3	0.3	85,90,92	0.8	0.8	0.5	0.5	85,90,92
131	0.6	0.3	0.2	85,90,92	0.8	0.8	0.5	0.4	85,90,92
132	0.1	0.1	9.39e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
133	0.2	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
134	0.1	9.67e-02	8.86e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
135	0.2	0.1	0.1	85,90,92	0.8	0.3	0.3	0.2	85,90,92
136	0.3	0.1	0.1	85,90,92	0.8	0.4	0.3	0.2	85,90,92
137	0.1	0.1	0.1	85,86,91	0.8	0.2	0.2	0.2	85,86,91
138	0.2	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
139	0.1	0.1	0.1	81,87,92	0.8	0.2	0.2	0.2	81,87,92
140	0.2	0.1	0.1	85,90,92	0.8	0.3	0.3	0.2	85,90,92
141	0.2	9.55e-02	8.43e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
142	9.29e-02	9.29e-02	9.29e-02	79,86,91	0.8	0.2	0.2	0.2	79,86,91
143	0.2	8.67e-02	8.39e-02	85,87,92	0.8	0.2	0.2	0.2	85,87,92
236	0.8	0.5	0.4	85,90,92	0.8	1.1	0.8	0.7	85,90,92

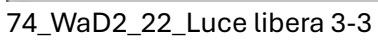
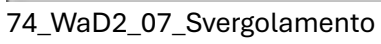
237	0.9	0.6	0.5	85,90,92	0.8	1.3	0.9	0.9	85,90,92
238	0.8	0.5	0.4	85,90,92	0.8	1.2	0.8	0.7	85,90,92
239	0.7	0.4	0.3	85,90,92	0.8	1.0	0.6	0.6	85,90,92
240	0.1	0.1	0.1	79,86,91	0.8	0.2	0.2	0.2	79,86,91
241	0.2	0.2	0.2	83,88,91	0.8	0.3	0.3	0.3	83,88,91
242	5.70e-02	5.70e-02	5.70e-02	79,86,91	0.8	0.1	0.1	0.1	79,86,91
243	0.2	0.2	0.2	79,86,91	0.8	0.4	0.4	0.4	79,86,91
244	0.2	0.2	0.2	85,86,91	0.8	0.3	0.3	0.3	79,86,91
245	6.98e-02	6.96e-02	6.95e-02	83,88,91	0.8	0.1	0.1	0.1	83,88,91
246	9.39e-02	9.26e-02	9.22e-02	83,88,91	0.8	0.2	0.2	0.2	83,88,91
247	5.98e-02	4.70e-02	4.70e-02	85,86,91	0.8	8.51e-02	8.47e-02	8.47e-02	85,86,91
248	9.19e-02	8.41e-02	8.21e-02	85,90,92	0.8	0.2	0.1	0.1	85,90,92
249	0.1	4.78e-02	3.62e-02	85,90,92	0.8	0.1	7.68e-02	6.52e-02	85,90,92
250	0.7	0.3	0.2	85,90,92	0.8	0.8	0.5	0.4	85,90,92
251	0.8	0.4	0.3	85,90,92	0.8	1.1	0.7	0.6	85,90,92
252	1.0	0.5	0.5	85,90,92	0.8	1.3	0.9	0.8	85,90,92
253	0.7	0.3	0.2	85,90,92	0.8	0.9	0.5	0.4	85,90,92
254	1.0	0.5	0.5	85,90,92	0.8	1.3	0.9	0.8	85,90,92
255	0.7	0.3	0.2	85,90,92	0.8	0.9	0.5	0.4	85,90,92
256	0.9	0.5	0.4	85,90,92	0.8	1.2	0.8	0.7	85,90,92
257	0.9	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
258	0.2	9.92e-02	8.40e-02	85,90,92	0.8	0.2	0.2	0.2	85,90,92
259	0.2	0.1	9.23e-02	85,90,92	0.8	0.3	0.2	0.2	85,90,92
260	0.9	0.6	0.5	85,90,92	0.8	1.3	0.9	0.9	85,90,92
261	0.9	0.6	0.5	85,90,92	0.8	1.4	1.0	0.9	85,90,92
262	5.38e-02	5.38e-02	5.38e-02	79,86,91	0.8	9.69e-02	9.69e-02	9.69e-02	79,86,91
263	4.49e-02	1.89e-02	1.69e-02	85,90,92	0.8	4.61e-02	3.24e-02	3.04e-02	85,90,92
264	1.0	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
265	1.0	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
266	1.0	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
268	1.0	0.5	0.4	85,90,92	0.8	1.3	0.8	0.7	85,90,92
269	0.3	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
270	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.2	85,90,92
271	0.3	0.2	0.2	85,90,92	0.8	0.5	0.4	0.4	85,90,92
272	0.3	0.2	0.2	85,90,92	0.8	0.5	0.3	0.3	85,90,92
273	0.2	0.1	9.91e-02	85,90,92	0.8	0.3	0.2	0.2	85,90,92
274	0.2	0.1	9.64e-02	85,90,92	0.8	0.3	0.2	0.2	85,90,92
275	0.3	0.2	0.1	85,90,92	0.8	0.4	0.3	0.3	85,90,92
276	0.3	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
277	0.3	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
278	0.3	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
279	0.2	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
280	0.3	0.2	0.2	85,90,92	0.8	0.4	0.3	0.3	85,90,92
281	0.2	0.1	8.78e-02	85,90,92	0.8	0.3	0.2	0.2	85,90,92
282	0.2	0.2	0.1	85,90,92	0.8	0.3	0.3	0.3	85,90,92
283	0.9	0.5	0.5	85,90,92	0.8	1.2	0.9	0.8	85,90,92
284	0.9	0.5	0.4	85,90,92	0.8	1.2	0.9	0.8	85,90,92
285	0.3	8.55e-02	6.94e-02	85,90,92	0.8	0.2	0.1	0.1	85,90,92
286	0.4	0.2	0.1	85,90,92	0.8	0.5	0.2	0.2	85,90,92
287	0.4	0.1	0.1	85,90,92	0.8	0.4	0.2	0.2	85,90,92
288	0.4	0.2	0.1	85,90,92	0.8	0.5	0.3	0.2	85,90,92
289	0.3	8.87e-02	7.82e-02	85,90,92	0.8	0.3	0.2	0.1	85,90,92
290	0.5	0.3	0.2	85,90,92	0.8	0.7	0.5	0.4	85,90,92
291	0.5	0.3	0.2	85,90,92	0.8	0.7	0.5	0.4	85,90,92
292	0.3	0.1	0.1	85,90,92	0.8	0.3	0.2	0.2	85,90,92
Elem.	w,net R	w,net F	w,net P			w,net Ri	w,net Fi	w,net Pi	
	0.99	0.60	0.53			1.37	1.02	0.95	

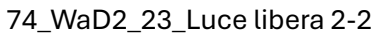


74_WaD2_05_Verifica VT



74_WaD2_06_Stabilit





STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO

LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)

Le verifiche RES per SLD sono effettuate in accordo alle Norme Tecniche 17 Gennaio 2018 e alla circolare n.7 del 21 gennaio 2019 nonché alle linee guida del Consiglio Superiore LL.PP. “Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP”.

Le verifiche RES per SLD, sono riportate nelle successive tabelle nella forma di rapporto “domanda” su “capacità” e hanno esito positivo quando il rapporto è non superiore al valore unitario.

La “domanda” è ottenuta direttamente dall’analisi per le previste combinazioni SLD (NTC18 2.5.3. COMBINAZIONI DELLE AZIONI formula [2.5.5]).

Per “capacità” si intende qui il valore della sollecitazione corrispondente al raggiungimento dello stato limite di danno per la sezione: per la resistenza flessionale questo stato limite si identifica con la tensione di snervamento dell’acciaio o la resistenza massima a compressione per il calcestruzzo e la muratura. Lo stato limite di danno si ritiene attinto anche in caso di superamento della resistenza a taglio.

Le resistenze flessionali sono valutate utilizzando i legami costitutivi del materiale limitati al solo tratto elastico, ottenendo così resistenze sostanzialmente elastiche come previsto dalla norma.

La seguente tabella identifica per quali configurazioni (materiale nuovo, esistente, con rinforzi e metodo di analisi) sono state condotte le verifiche di seguito riportate.

Configurazione	Verifica SLD	NOTE
1) c.a. nuovo e esist. Verifica SLU con $q > 1$	Verifica N/M SE Verifica V/T	Sono verifiche per struttura non dissipativa condotte secondo il cap.4 NTC18 in regime sostanzialmente elastico; si verificano travi, pilastri, setti e gusci.
2) Muratura nuova Verifica SLU con $q > 1$	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap.7
3) Muratura esis. AO Verifica SLU con $q > 1$	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap. 7 e 8
4) Muratura esis. PO Verifica SLU con $q > 1$	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap. 7 e 8; Anche per rinforzi FRP è prevista verifica N/M SE e V

Simbologia adottata nelle tabelle di verifica

Per le verifiche agli SLD di pilastri, travi setti e gusci in c.a. è presente una tabella con i simboli di seguito descritti:

Pilas./Trave/ Setto/Guscio	numero identificativo dell'elemento D2 o D3
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Pos.	Posizione nell'elemento della sezione per la quale si riporta la verifica
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} lato cls: valore minore o uguale a 1 per verifica positiva

V V/T acc	Verifica a taglio/torsione con rapporto Ved/Vrd lato acciaio: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche agli SLD di maschi e fasce in muratura, è presente una tabella con i simboli di seguito descritti:

Setto/Fascia/Elem.	numero del macroelemento (D3) o elemento (D2) considerato	
Mat.	Materiale	
s=m=	Indice della sezione e del materiale assegnati all' elemento (per D2)	
Spessore	spessore dell'elemento	
Stato	ok	elemento verificato (SLD)
	NV	elemento non verificato (SLD)

e a seguire:

Nodo/Pos.	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
h0/t	valore della snellezza convenzionale
P/Ap	tensione verticale media utilizzata per la verifica a pressoflessione nel piano del muro
P/Acv	tensione verticale media nella parte compressa, utilizzata nella verifica a taglio nel piano del muro
Ver. Mp	rapporto tra il momento di progetto e il momento Mrd in relazione alla verifica Par. 7.8.2.2.1 (pressoflessione complanare) effettuato per tutte le combinazioni
Ver. V	rapporto il taglio di progetto e il taglio ultimo in relazione alla verifica Par. 7.8.2.2.2 (taglio complanare) o C8.7.1.16 della circolare 21-01-19 per edifici esistenti effettuato per tutte le combinazioni (solo per elementi maschi)
Ver. V	rapporto tra il taglio di progetto e il minore dei tagli resistenti Vp e Vt in relazione alla verifica del par. 7.8.2.2.3 (solo per elementi fasce)
Rif. cmb	Combinazioni in cui si hanno i massimi valori dei rapporti Ver. Mp, Ver. V

Per elementi consolidati secondo il paragrafo C8.5.3.1 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con FRP il programma implementa le verifiche previste dalle "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009.

Per elementi consolidati con FRCM il programma implementa le verifiche previste dalle CNR-DT 215/2018 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica"

Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Le tabelle riportano inoltre i seguenti parametri:

Fibra	Tipo di fibra del fibrorinforzo
E fibra	Modulo elastico del fibrorinforzo
epsr	Dilatazione di rottura del fibrorinforzo
epsd	Dilatazione di calcolo
epsd(s)	Dilatazione di calcolo per combinazioni sismiche
Spess.	Spessore del fibrorinforzo, il programma prevede l' applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
AO fib.	Area orizzontale complessiva di fibrorinforzo per metro lineare
AV fib.	Area verticale complessiva di fibrorinforzo per metro lineare

Affinché l'elemento sia verificato deve essere:

Ver. Mp, Ver.V	non superiore a 1

TABELLA VERIFICHE ELEMENTI D2 TRAVI C.A.

Trave	Stato	Pos. cm	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos. cm	V N/M	V V/T cls	V V/T acc	Rif. cmb
94	ok	0.0	0.08	0.06	0.07	71,78,78	19.5	0.12	0.04	0.04	52,78,78
		39.0	0.13	0.02	0.02	72,78,51					
95	ok	0.0	0.04	0.08	0.10	51,78,78	19.5	0.05	0.06	0.07	57,78,78
		39.0	0.09	0.04	0.04	60,78,78					
96	ok	0.0	0.17	0.09	0.11	75,78,78	20.5	0.09	0.06	0.07	51,78,78
		41.0	0.05	0.04	0.04	51,78,78					
97	ok	0.0	0.28	0.07	0.09	75,78,78	20.5	0.22	0.06	0.06	75,78,70
		41.0	0.18	0.04	0.04	75,70,70					
98	ok	0.0	0.04	0.20	0.09	57,78,78	22.0	0.03	0.21	0.11	67,78,78
		44.0	0.07	0.22	0.12	63,78,78					
99	ok	0.0	0.03	0.04	0.05	71,62,78	148.5	0.14	0.01	8.41e-03	66,50,66
		297.0	0.07	0.03	0.04	66,69,63					
144	ok	0.0	0.07	0.06	0.05	75,78,78	30.8	0.04	0.03	0.02	75,78,54
		61.7	0.09	0.05	0.06	75,57,75					
145	ok	0.0	0.08	0.07	0.07	71,78,78	30.8	0.03	0.03	0.02	59,78,78
		61.7	0.05	0.04	0.04	71,74,71					
146	ok	0.0	0.05	0.10	0.11	51,78,78	30.8	0.08	0.06	0.06	78,78,78
		61.7	0.12	0.02	0.01	78,74,78					
147	ok	0.0	0.09	0.10	0.11	78,74,78	25.0	0.19	0.06	0.07	78,74,74
		50.0	0.24	0.03	0.02	78,74,74					
148	ok	0.0	0.23	0.05	0.05	78,74,74	25.0	0.26	0.02	9.96e-03	78,74,68
		50.0	0.23	0.04	0.05	78,74,55					
149	ok	0.0	0.23	0.03	0.03	78,74,76	25.0	0.18	0.05	0.07	78,74,67
		50.0	0.06	0.08	0.12	76,67,67					
150	ok	0.0	0.08	0.03	0.03	76,74,75	27.3	0.03	0.06	0.08	51,75,75
		54.7	0.15	0.09	0.13	47,75,75					
151	ok	0.0	0.16	0.02	0.02	47,76,75	27.3	0.20	0.04	0.05	63,75,75
		54.7	0.30	0.07	0.09	63,75,75					
152	ok	0.0	0.30	0.03	0.03	63,78,78	27.3	0.30	0.02	0.02	71,75,75
		54.7	0.35	0.04	0.05	71,75,75					
153	ok	0.0	0.05	0.06	0.05	72,75,74	26.5	0.03	0.05	0.03	72,75,76
		53.0	0.03	0.06	0.03	78,71,71					
154	ok	0.0	0.12	0.08	0.10	78,76,74	60.0	0.22	0.04	0.03	78,71,74
		120.0	0.18	0.08	0.08	78,75,75					
155	ok	0.0	0.10	0.07	0.08	63,76,74	20.8	0.04	0.05	0.05	47,60,74
		41.5	0.03	0.04	0.02	60,71,71					
156	ok	0.0	0.12	0.06	0.05	63,63,69	20.8	0.09	0.03	0.02	63,71,63
		41.5	0.10	0.05	0.04	63,71,71					
157	ok	0.0	0.11	0.05	0.05	63,63,62	25.5	0.09	0.03	0.02	63,71,75
		51.0	0.12	0.06	0.06	63,71,71					
158	ok	0.0	0.10	0.05	0.05	47,63,78	25.5	0.08	0.03	0.01	63,63,75
		51.0	0.11	0.05	0.05	63,71,71					
159	ok	0.0	0.11	0.04	0.04	47,63,78	25.5	0.08	0.02	9.05e-03	63,67,75
		51.0	0.11	0.05	0.04	63,67,75					
160	ok	0.0	0.10	0.03	0.03	71,67,74	25.5	0.08	0.02	0.01	71,67,75
		51.0	0.11	0.04	0.04	71,75,75					
161	ok	0.0	0.05	0.02	0.01	75,75,67	25.5	0.06	0.04	0.03	71,75,75
		51.0	0.10	0.05	0.06	71,75,75					
162	ok	0.0	0.19	0.03	0.02	75,71,49	30.5	0.22	0.05	0.04	75,71,71
		61.0	0.28	0.07	0.07	75,71,71					
163	ok	0.0	0.08	0.03	0.02	51,71,71	30.5	0.10	0.06	0.05	47,71,71
		61.0	0.19	0.09	0.09	75,71,71					
164	ok	0.0	0.11	0.03	0.02	76,71,71	30.5	0.07	0.06	0.07	76,71,71
		61.0	0.07	0.10	0.12	51,71,71					
165	ok	0.0	0.20	0.03	0.02	74,77,54	30.5	0.19	0.05	0.05	72,71,47
		61.0	0.09	0.09	0.10	76,71,63					
166	ok	0.0	0.10	0.07	0.09	50,70,78	30.5	0.19	0.04	0.04	66,77,74
		61.0	0.20	0.04	0.03	74,71,51					
167	ok	0.0	0.02	0.07	0.09	49,58,78	24.2	0.09	0.05	0.05	50,77,70
		48.5	0.12	0.03	0.02	50,71,77					
168	ok	0.0	0.05	0.06	0.07	51,61,66	24.2	0.02	0.04	0.03	54,77,50
		48.5	0.03	0.04	0.03	54,71,71					
169	ok	0.0	0.05	0.05	0.05	71,61,50	24.2	0.03	0.03	0.02	51,77,53
		48.5	0.05	0.05	0.04	51,71,71					

170	ok	0.0	0.04	0.04	0.04	71,53,50	24.2	0.03	0.03	0.02	71,71,71
		48.5	0.06	0.05	0.05	71,71,75					
171	ok	0.0	0.05	0.05	0.05	75,74,78	24.2	0.04	0.02	0.01	75,74,74
		48.5	0.07	0.04	0.04	71,76,52					
172	ok	0.0	0.06	0.05	0.05	71,74,78	24.2	0.05	0.02	0.02	71,74,74
		48.5	0.07	0.03	0.03	71,68,48					
173	ok	0.0	0.07	0.05	0.06	71,74,78	24.2	0.04	0.03	0.03	75,74,78
		48.5	0.04	0.02	0.02	75,68,71					
174	ok	0.0	0.04	0.06	0.08	75,66,50	24.2	0.10	0.03	0.04	78,69,57
		48.5	0.12	8.90e-03	6.06e-03	78,67,78					
175	ok	0.0	0.11	0.06	0.08	78,74,74	30.5	0.16	0.03	0.04	78,78,74
		61.0	0.17	0.03	0.03	61,75,75					
176	ok	0.0	0.17	0.02	0.02	62,76,74	30.5	0.16	0.05	0.05	74,75,75
		61.0	0.10	0.08	0.09	74,75,75					
177	ok	0.0	0.12	0.02	0.01	74,67,75	24.4	0.09	0.05	0.05	74,67,59
		48.8	0.04	0.07	0.08	75,55,55					
178	ok	0.0	0.04	0.03	0.03	75,67,62	24.4	0.03	0.04	0.03	75,75,75
		48.8	0.06	0.07	0.07	75,75,75					
179	ok	0.0	0.06	0.05	0.04	75,67,62	24.4	0.04	0.04	0.02	75,75,75
		48.8	0.06	0.06	0.06	59,75,75					
180	ok	0.0	0.06	0.06	0.05	60,75,57	24.4	0.03	0.04	0.02	76,75,72
		48.8	0.05	0.07	0.05	60,75,75					
181	ok	0.0	0.43	0.11	0.15	75,74,74	36.5	0.22	0.08	0.10	75,74,74
		73.0	0.09	0.05	0.06	59,74,74					
182	ok	0.0	0.14	0.13	0.17	59,74,74	101.7	0.29	0.03	0.03	64,74,78
		203.3	0.16	0.06	0.09	78,56,55					
183	ok	0.0	0.04	0.02	0.03	76,56,59	19.3	0.02	0.03	0.04	74,56,59
		38.7	0.05	0.04	0.06	59,56,59					
184	ok	0.0	0.05	0.02	0.02	59,74,74	25.4	0.04	0.01	0.01	59,63,71
		50.8	0.06	0.03	0.04	59,63,63					
185	ok	0.0	0.06	0.03	0.04	59,74,62	25.4	0.03	0.01	0.01	59,74,74
		50.8	0.03	0.02	0.02	56,63,71					
186	ok	0.0	0.03	0.03	0.05	56,74,70	31.7	8.91e-03	0.01	0.01	66,74,74
		63.5	3.13e-03	0.02	0.03	61,63,63					
187	ok	0.0	2.80e-03	0.02	0.02	61,74,74	20.0	7.01e-03	4.79e-03	3.63e-03	74,71,71
		40.0	3.71e-03	0.02	0.02	75,63,63					
188	ok	0.0	0.02	0.01	0.02	55,66,66	18.8	0.01	3.32e-03	3.95e-03	68,47,63
		37.5	0.02	0.01	0.02	63,59,59					
189	ok	0.0	0.01	9.72e-03	0.01	70,66,66	18.8	0.01	5.72e-03	8.12e-03	70,63,63
		37.5	0.01	0.02	0.02	55,76,60					
190	ok	0.0	0.03	0.02	0.02	66,70,70	27.5	0.03	6.59e-03	8.52e-03	70,76,67
		55.0	8.37e-03	0.02	0.03	70,78,63					
191	ok	0.0	0.02	0.02	0.02	66,78,70	27.5	0.03	5.34e-03	4.18e-03	66,78,70
		55.0	0.02	0.02	0.02	78,78,67					
192	ok	0.0	0.01	0.02	0.02	70,78,62	18.2	0.02	6.85e-03	6.98e-03	70,78,78
		36.5	0.02	8.43e-03	9.59e-03	70,75,75					
193	ok	0.0	7.96e-03	0.01	0.02	58,78,78	18.2	0.02	4.50e-03	4.74e-03	70,78,78
		36.5	0.01	0.01	0.01	70,75,75					
194	ok	0.0	1.85e-03	0.02	0.02	78,70,66	24.8	9.45e-03	9.57e-03	4.59e-03	78,70,70
		49.7	1.65e-03	0.02	0.02	75,70,48					
195	ok	0.0	1.66e-03	0.02	0.02	59,70,66	24.8	4.62e-03	8.59e-03	4.16e-03	58,70,70
		49.7	4.03e-03	0.02	0.02	63,70,70					
196	ok	0.0	5.96e-03	0.02	0.02	63,70,70	24.8	2.81e-03	7.94e-03	4.30e-03	58,70,70
		49.7	0.01	0.02	0.02	63,70,70					
197	ok	0.0	0.01	0.02	0.02	63,70,70	24.8	8.01e-03	7.56e-03	4.94e-03	63,70,70
		49.7	0.02	0.02	0.02	63,70,70					
198	ok	0.0	0.03	0.01	0.02	63,70,70	24.8	0.02	7.08e-03	5.47e-03	63,70,70
		49.7	0.04	0.02	0.02	63,70,64					
199	ok	0.0	0.04	0.01	0.02	63,70,58	24.8	0.03	5.90e-03	5.01e-03	63,70,64
		49.7	0.05	0.02	0.02	63,64,48					
200	ok	0.0	0.05	0.01	0.02	63,58,58	24.8	0.04	2.99e-03	2.02e-03	63,70,64
		49.7	0.06	0.02	0.02	63,64,55					
201	ok	0.0	0.06	0.02	0.03	63,50,50	24.8	0.04	5.97e-03	7.37e-03	63,66,66
		49.7	0.04	0.01	0.01	63,67,67					
202	ok	0.0	0.04	0.03	0.04	63,50,50	24.8	0.02	0.02	0.02	53,66,66
		49.7	0.03	3.95e-03	4.67e-03	50,63,63					
203	ok	0.0	0.03	0.02	0.03	63,70,58	28.5	0.01	5.74e-03	7.55e-03	66,66,70
		57.0	0.01	0.02	0.02	69,47,47					
204	ok	0.0	0.01	0.02	0.02	58,66,66	28.5	0.01	0.02	0.02	49,67,67
		57.0	0.03	0.03	0.04	69,67,67					
205	ok	0.0	0.02	0.03	0.03	56,66,66	28.2	0.02	0.01	8.94e-03	76,66,66
		56.3	0.03	0.03	0.03	59,66,63					
206	ok	0.0	0.03	0.03	0.03	59,66,66	28.2	0.01	9.81e-03	5.57e-03	59,66,66
		56.3	0.04	0.03	0.03	59,63,63					
207	ok	0.0	0.03	0.03	0.03	56,66,66	28.2	0.01	7.47e-03	3.67e-03	56,63,63
		56.3	0.03	0.03	0.03	56,63,63					
208	ok	0.0	0.03	0.03	0.03	56,66,66	28.2	0.01	9.79e-03	4.88e-03	66,63,63

		56.3	0.02	0.03	0.03	56,63,63						
209	ok	0.0	0.02	0.03	0.04	76,69,66	31.6	0.02	0.01	5.20e-03	66,63,63	
		63.2	0.02	0.04	0.04	66,63,63						
210	ok	0.0	0.02	0.03	0.03	74,63,54	31.6	0.02	0.01	7.65e-03	66,63,63	
		63.2	0.02	0.04	0.04	74,63,63						
211	ok	0.0	0.02	0.03	0.03	74,63,54	23.8	7.55e-03	0.02	8.92e-03	74,63,63	
		47.6	0.02	0.04	0.04	69,63,63						
212	ok	0.0	0.02	0.03	0.03	69,59,66	23.8	9.82e-03	0.02	8.40e-03	70,55,59	
		47.6	0.02	0.04	0.03	69,63,63						
213	ok	0.0	0.01	0.03	0.03	56,66,66	22.8	7.36e-03	0.02	9.67e-03	56,66,56	
		45.5	0.03	0.03	0.03	59,68,47						
214	ok	0.0	0.03	0.02	0.01	66,66,66	22.8	0.02	0.02	0.02	66,66,59	
		45.5	0.01	0.03	0.04	53,68,47						
215	ok	0.0	0.06	0.02	0.02	50,66,66	27.8	0.06	0.02	0.02	50,66,68	
		55.7	0.02	0.04	0.04	66,68,59						
216	ok	0.0	0.05	0.03	0.03	54,66,66	27.8	0.07	0.02	0.01	50,66,66	
		55.7	0.06	0.03	0.02	50,66,68						
217	ok	0.0	4.08e-03	0.04	0.05	63,66,50	27.8	0.04	0.03	0.03	62,66,66	
		55.7	0.05	0.02	7.90e-03	50,66,62						
218	ok	0.0	0.08	0.04	0.06	66,50,50	66.5	0.16	0.01	0.02	62,66,66	
		133.0	0.11	0.05	0.06	66,67,67						
219	ok	0.0	0.06	0.03	0.04	63,69,50	25.0	0.02	0.02	0.02	69,66,66	
		50.0	0.03	0.01	9.84e-03	65,63,66						
220	ok	0.0	0.03	0.05	0.04	63,66,66	21.8	0.02	0.03	0.02	53,66,50	
		43.5	0.02	0.03	0.02	69,66,59						
221	ok	0.0	0.03	0.03	0.01	53,66,66	21.8	0.03	0.03	0.02	53,66,59	
		43.5	0.03	0.04	0.04	63,66,55						
222	ok	0.0	0.06	0.03	0.02	61,66,50	29.2	0.06	0.03	0.02	61,78,47	
		58.5	0.02	0.04	0.05	53,57,63						
223	ok	0.0	0.02	0.05	0.05	50,74,54	29.2	0.05	0.03	0.03	50,66,50	
		58.5	0.05	0.02	0.02	61,72,47						
224	ok	0.0	0.04	0.05	0.05	63,70,70	27.6	0.02	0.03	0.03	53,70,70	
		55.2	0.03	0.02	0.01	53,74,68						
225	ok	0.0	0.05	0.04	0.04	69,66,66	27.6	0.03	0.02	0.01	63,66,66	
		55.2	0.04	0.03	0.03	63,72,48						
226	ok	0.0	0.04	0.03	0.03	69,74,66	27.6	0.03	0.02	0.01	69,72,52	
		55.2	0.04	0.03	0.03	63,72,48						
227	ok	0.0	0.02	0.03	0.03	71,78,78	27.6	0.01	0.02	0.01	63,78,72	
		55.2	0.03	0.03	0.03	69,72,52						
228	ok	0.0	6.50e-03	0.03	0.03	63,78,78	24.5	7.71e-03	0.02	9.11e-03	74,78,72	
		49.0	0.02	0.03	0.03	63,78,78						
229	ok	0.0	5.38e-03	0.03	0.03	64,78,78	24.5	8.84e-03	0.01	5.96e-03	70,78,72	
		49.0	5.21e-03	0.03	0.03	70,78,47						
230	ok	0.0	0.01	0.03	0.03	63,78,78	24.5	8.54e-03	0.01	7.67e-03	66,78,78	
		49.0	5.38e-03	0.02	0.02	66,78,69						
231	ok	0.0	0.02	0.03	0.03	63,78,78	20.0	6.83e-03	0.01	8.01e-03	66,78,78	
		40.0	0.01	0.02	0.02	63,78,67						
232	ok	0.0	0.02	0.03	0.02	63,78,78	20.0	9.89e-03	0.01	8.88e-03	63,78,47	
		40.0	0.02	0.02	0.03	63,52,63						
233	ok	0.0	0.02	0.02	0.02	78,78,78	19.3	0.02	0.02	0.02	78,52,51	
		38.7	0.02	0.03	0.04	63,47,71						
234	ok	0.0	0.07	0.02	9.88e-03	78,78,78	19.3	0.05	0.02	0.03	78,52,71	
		38.7	0.02	0.04	0.05	78,63,71						
235	ok	0.0	0.12	0.02	9.78e-03	78,78,72	19.3	0.10	0.03	0.03	78,78,63	
		38.7	0.06	0.04	0.05	78,57,63						
267	ok	0.0	0.13	0.03	0.02	72,78,78	19.5	0.13	0.02	0.02	78,52,51	
		39.0	0.11	0.04	0.04	78,52,48						

Trave	V N/M	V V/T cls	V V/T acc	V N/M	V V/T cls	V V/T acc
	0.43	0.22	0.17			

TABELLA VERIFICHE ELEMENTI D2 FASCE MURATURA

Fascia	Note	Ver. V	Vp daN	Vt daN	Ver. M	Mu Rif. cmb daN cm	Ver. V	Vp daN	Vt daN	Ver. M	Mu Rif. cmb daN cm
1	ok	0.26	905.08	780.00 (MC)	0.0	0.0	0.26	905.08	780.00 (MC)	0.0	0.0
2	ok	0.07	1321.41	780.00 (MC)	0.0	0.0	0.07	1321.41	780.00 (MC)	0.0	0.0
3	ok	0.15	1611.48	780.00 (MC)	0.0	0.0	0.15	1611.48	780.00 (MC)	0.0	0.0
4	ok	0.06	1501.60	780.00 (MC)	0.0	0.0	0.06	1501.60	780.00 (MC)	0.0	0.0
5	ok	0.18	1321.41	780.00 (MC)	0.0	0.0	0.18	1321.41	780.00 (MC)	0.0	0.0
6	ok	0.06	1490.31	780.00 (MC)	0.0	0.0	0.06	1490.31	780.00 (MC)	0.0	0.0

7	ok	0.20	1195.85	780.00 (MC)	0.0	0.0	47,0	0.20	1195.85	780.00 (MC)	0.0	0.0	47,0
8	ok	0.15	1611.48	780.00 (MC)	0.0	0.0	47,0	0.15	1611.48	780.00 (MC)	0.0	0.0	47,0
9	ok	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0
10	ok	0.06	1490.31	780.00 (MC)	0.0	0.0	47,0	0.06	1490.31	780.00 (MC)	0.0	0.0	47,0
11	ok	0.21	1129.41	780.00 (MC)	0.0	0.0	47,0	0.21	1129.41	780.00 (MC)	0.0	0.0	47,0
12	ok	0.18	1321.41	780.00 (MC)	0.0	0.0	47,0	0.18	1321.41	780.00 (MC)	0.0	0.0	47,0
13	ok	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0
14	ok	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0
15	ok	0.06	1490.31	780.00 (MC)	0.0	0.0	47,0	0.06	1490.31	780.00 (MC)	0.0	0.0	47,0
16	ok	0.15	1518.86	780.00 (MC)	0.0	0.0	47,0	0.15	1518.86	780.00 (MC)	0.0	0.0	47,0
17	ok	0.15	1518.86	780.00 (MC)	0.0	0.0	47,0	0.15	1518.86	780.00 (MC)	0.0	0.0	47,0
18	ok	0.18	1321.41	780.00 (MC)	0.0	0.0	47,0	0.18	1321.41	780.00 (MC)	0.0	0.0	47,0
19	ok	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0
20	ok	0.17	1394.63	780.00 (MC)	0.0	0.0	47,0	0.17	1394.63	780.00 (MC)	0.0	0.0	47,0
21	ok	0.08	1159.13	780.00 (MC)	0.0	0.0	47,0	0.08	1159.13	780.00 (MC)	0.0	0.0	47,0
22	ok	0.21	1129.41	780.00 (MC)	0.0	0.0	47,0	0.21	1129.41	780.00 (MC)	0.0	0.0	47,0
23	ok	0.19	1238.83	780.00 (MC)	0.0	0.0	47,0	0.19	1238.83	780.00 (MC)	0.0	0.0	47,0
24	ok	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0	0.14	1694.12	780.00 (MC)	0.0	0.0	47,0
25	ok	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0	0.20	1173.28	780.00 (MC)	0.0	0.0	47,0
26	ok	0.08	1159.13	780.00 (MC)	0.0	0.0	47,0	0.08	1159.13	780.00 (MC)	0.0	0.0	47,0
27	ok	0.03	7392.51	780.00 (MC)	0.0	0.0	47,0	0.03	7392.51	780.00 (MC)	0.0	0.0	47,0
28	ok	0.14	1708.71	780.00 (MC)	0.0	0.0	47,0	0.14	1708.71	780.00 (MC)	0.0	0.0	47,0
29	ok	0.14	1708.72	780.00 (MC)	0.0	0.0	47,0	0.14	1708.72	780.00 (MC)	0.0	0.0	47,0
30	ok	0.23	1044.59	780.00 (MC)	0.0	0.0	47,0	0.23	1044.59	780.00 (MC)	0.0	0.0	47,0
31	ok	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0
32	ok	0.18	1301.37	780.00 (MC)	0.0	0.0	47,0	0.18	1301.37	780.00 (MC)	0.0	0.0	47,0
33	ok	0.14	1708.72	780.00 (MC)	0.0	0.0	47,0	0.14	1708.72	780.00 (MC)	0.0	0.0	47,0
34	ok	0.23	1044.59	780.00 (MC)	0.0	0.0	47,0	0.23	1044.59	780.00 (MC)	0.0	0.0	47,0
35	ok	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0
36	ok	0.18	1301.37	780.00 (MC)	0.0	0.0	47,0	0.18	1301.37	780.00 (MC)	0.0	0.0	47,0
37	ok	0.14	1708.74	780.00 (MC)	0.0	0.0	47,0	0.14	1708.74	780.00 (MC)	0.0	0.0	47,0
38	ok	0.17	1387.31	780.00 (MC)	0.0	0.0	47,0	0.17	1387.31	780.00 (MC)	0.0	0.0	47,0
39	ok	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0	0.08	1186.90	780.00 (MC)	0.0	0.0	47,0
40	ok	0.23	1041.14	780.00 (MC)	0.0	0.0	47,0	0.23	1041.14	780.00 (MC)	0.0	0.0	47,0
41	ok	0.14	1651.75	780.00 (MC)	0.0	0.0	47,0	0.14	1651.75	780.00 (MC)	0.0	0.0	47,0
42	ok	0.17	1387.31	780.00 (MC)	0.0	0.0	47,0	0.17	1387.31	780.00 (MC)	0.0	0.0	47,0
43	ok	0.06	1452.10	780.00 (MC)	0.0	0.0	47,0	0.06	1452.10	780.00 (MC)	0.0	0.0	47,0
44	ok	0.14	1651.76	780.00 (MC)	0.0	0.0	47,0	0.14	1651.76	780.00 (MC)	0.0	0.0	47,0
45	ok	0.14	1651.76	780.00 (MC)	0.0	0.0	47,0	0.14	1651.76	780.00 (MC)	0.0	0.0	47,0
46	ok	0.06	1452.10	780.00 (MC)	0.0	0.0	47,0	0.06	1452.10	780.00 (MC)	0.0	0.0	47,0
47	ok	0.17	1348.38	780.00 (MC)	0.0	0.0	47,0	0.17	1348.38	780.00 (MC)	0.0	0.0	47,0
48	ok	0.13	1835.29	780.00 (MC)	0.0	0.0	47,0	0.13	1835.29	780.00 (MC)	0.0	0.0	47,0
49	ok	0.17	1348.38	780.00 (MC)	0.0	0.0	47,0	0.17	1348.38	780.00 (MC)	0.0	0.0	47,0
50	ok	0.05	5082.35	780.00 (MC)	0.0	0.0	47,0	0.05	5082.35	780.00 (MC)	0.0	0.0	47,0
51	ok	0.10	2391.70	780.00 (MC)	0.0	0.0	47,0	0.10	2391.70	780.00 (MC)	0.0	0.0	47,0
52	ok	0.20	1195.85	780.00 (MC)	0.0	0.0	47,0	0.20	1195.85	780.00 (MC)	0.0	0.0	47,0
53	ok	0.10	2402.57	780.00 (MC)	0.0	0.0	47,0	0.10	2402.57	780.00 (MC)	0.0	0.0	47,0
54	ok	0.10	2380.92	780.00 (MC)	0.0	0.0	47,0	0.10	2380.92	780.00 (MC)	0.0	0.0	47,0
55	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
56	ok	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0
57	ok	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0
58	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
59	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
60	ok	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0
61	ok	0.07	1246.61	780.00 (MC)	0.0	0.0	47,0	0.07	1246.61	780.00 (MC)	0.0	0.0	47,0
62	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
63	ok	0.08	1101.18	780.00 (MC)	0.0	0.0	47,0	0.08	1101.18	780.00 (MC)	0.0	0.0	47,0
64	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
65	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
66	ok	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0	0.09	1071.41	780.00 (MC)	0.0	0.0	47,0
67	ok	0.08	1101.18	780.00 (MC)	0.0	0.0	47,0	0.08	1101.18	780.00 (MC)	0.0	0.0	47,0
68	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
69	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
70	ok	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0
71	ok	0.06	1592.06	780.00 (MC)	0.0	0.0	47,0	0.06	1592.06	780.00 (MC)	0.0	0.0	47,0
72	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
73	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
74	ok	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0
75	ok	0.06	1592.06	780.00 (MC)	0.0	0.0	47,0	0.06	1592.06	780.00 (MC)	0.0	0.0	47,0
76	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
77	ok	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0	0.08	1083.12	780.00 (MC)	0.0	0.0	47,0
78	ok	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0	0.07	1321.41	780.00 (MC)	0.0	0.0	47,0
79	ok	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0
80	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
81	ok	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0
82	ok	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0
83	ok	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0

84	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
85	ok	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0
86	ok	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0
87	ok	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0
88	ok	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0	0.07	1362.28	780.00 (MC)	0.0	0.0	47,0
89	ok	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0
90	ok	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0	0.08	1208.61	780.00 (MC)	0.0	0.0	47,0
91	ok	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0	0.07	1295.50	780.00 (MC)	0.0	0.0	47,0
92	ok	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0	0.07	1355.29	780.00 (MC)	0.0	0.0	47,0
93	ok	0.10	2391.70	780.00 (MC)	0.0	0.0	47,0	0.10	2391.70	780.00 (MC)	0.0	0.0	47,0
Fascia		Ver. V			Ver. M								
		0.26			0.0								

VERIFICHE CINEMATISMI FUORI PIANO

(Stato di fatto vs Progetto)



Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 "Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo".

**RECUPERO E RIQUALIFICAZIONE
DELLA EX CENTRALINA IDROELETTRICA
PER ATTIVITA' DI ACCOGLIENZA E TURISTICO-RICETTIVE
VERIFICA CINEMATISMI FUORI PIANO
(STATO DI FATTO vs PROGETTO)**

2S.I. Software e Servizi per l'Ingegneria S.r.l.
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Informazioni sul codice di calcolo	
Titolo:	PRO_CINEm Analisi lineare e non lineare dei cinematismi nella muratura
Versione:	build 2019.09.48m vers.5.3.9(b)
Produttore: Distributore:	2S.I. Software e Servizi per l'Ingegneria S.r.l. Via Garibaldi, 90 - 44121 Ferrara FE (Italy) Tel. +39 0532 200091
Dati utente finale:	Ing. Alessandro Grazzini
Codice Utente:	-

METODO DI CALCOLO

Le analisi dei meccanismi di collasso vengono sviluppate tramite l'analisi limite dell'equilibrio, secondo l'approccio cinematico, basato sulla scelta del meccanismo di collasso e la valutazione dell'azione orizzontale che attiva tale cinematismo, come descritto al paragrafo C8.7.1.2. *MECCANISMI LOCALI - METODI DI ANALISI DELLA RISPOSTA SISMICA E CRITERI DI VERIFICA* della circolare n°7. 21/01/2019.

ANALISI CINEMATICA LINEARE

I meccanismi locali si verificano nelle pareti murarie prevalentemente per azioni perpendicolari al loro piano, mentre nel caso di sistemi ad arco anche per azioni nel piano. Le normative suggeriscono di effettuare le verifiche con riferimento ai meccanismi locali di danno e collasso (nel piano e fuori piano) tramite l'analisi limite dell'equilibrio, secondo l'approccio cinematico, basato sulla scelta del meccanismo di collasso e la valutazione dell'azione orizzontale che attiva tale cinematismo. Nel caso di analisi cinematica le strutture murarie sono considerate costituite da macroelementi indeformabili (o da corpi rigidi) ignorando quindi la deformabilità del materiale, che permette le verifiche di tipo statico. L'analisi ha lo scopo di valutare le condizioni di equilibrio limite dei macroelementi sollecitati dal sisma, trascurando la resistenza a trazione della muratura. La costruzione va studiata per individuare, sulla base dell'organizzazione strutturale, delle sue carenze e del suo stato di fatto, i meccanismi che possono essere attivati.

Si ricorda che per ogni possibile meccanismo locale ritenuto significativo per l'edificio, il metodo in generale richiede i seguenti passi:

- trasformazione di una parte della costruzione in un sistema labile (catena cinematica), attraverso l'individuazione di corpi rigidi, in grado di ruotare o scorrere tra loro (meccanismo di danno e collasso);
- valutazione, mediante analisi cinematica lineare, del moltiplicatore orizzontale dei carichi α_0 che comporta l'attivazione del meccanismo (stato limite di danno);
- valutazione, mediante analisi cinematica non lineare, dell'evoluzione del moltiplicatore orizzontale dei carichi α al crescere dello spostamento d_k di un punto di controllo della catena cinematica, usualmente scelto in prossimità del baricentro delle masse, fino all'annullamento della forza sismica orizzontale;
- trasformazione della curva così ottenuta in curva di capacità, ovvero in accelerazione a^* e spostamento d^* spettrali, con valutazione dello spostamento ultimo per collasso del meccanismo (stato limite ultimo);
- verifiche di sicurezza, attraverso il controllo della compatibilità degli spostamenti e/o delle resistenze richieste alla struttura.

Oltre alla resistenza nulla a trazione della muratura, per l'applicazione del metodo di analisi si ipotizza, in genere:

- assenza di scorrimento tra i blocchi;
- resistenza a compressione infinita della muratura.

Con l'analisi cinematica lineare, assegnata una rotazione virtuale ϑ_k al generico blocco k , è possibile determinare in funzione di questa e della geometria della struttura, gli spostamenti delle diverse forze applicate nella rispettiva direzione. Il moltiplicatore α_0 si ottiene applicando il Principio dei Lavori Virtuali, in termini di spostamenti, uguagliando il lavoro totale eseguito dalle forze esterne ed interne applicate al sistema in corrispondenza dell'atto di moto virtuale:

$$\alpha_0 = \frac{\sum_{k=1}^n P_k \delta_{Py,k} - \sum_{k=1}^m F_k \delta_{F,k} + L_i}{\sum_{k=1}^n (P_k + Q_k) \delta_{PQx,k}}$$

dove:

- N è il numero dei blocchi di cui è costituita la catena cinematica;
- m è il numero di forze esterne, assunte indipendenti dall'azione sismica, applicate ai diversi blocchi;
- P_k è la risultante delle forze peso applicate al k-esimo blocco (peso proprio del blocco, applicato nel suo baricentro, sommato agli altri pesi portati);
- Q_k è la risultante delle forze peso non gravanti sul k-esimo blocco ma la cui massa genera su di esso una forza sismica orizzontale, in quanto non efficacemente trasmessa ad altre parti dell'edificio;
- F_k è la generica forza esterna applicata ad uno dei blocchi; tali forze possono favorire l'attivazione del meccanismo (ad es. spinte di volte) o ostacolarlo (ad es. archi di contrasto, ovvero forze attrittive che si sviluppano in presenza di parti della costruzione non coinvolte nel meccanismo);
- $\delta_{py,k}$ è lo spostamento virtuale verticale del baricentro delle forze peso proprie e portate P_k , agenti sul k-esimo blocco, assunto positivo se verso l'alto;
- $\delta_{F,k}$ è lo spostamento virtuale del punto d'applicazione della forza esterna F_k , proiettato nella direzione della stessa (di segno positivo o negativo a seconda che questa favorisca o contrasti il meccanismo);
- $\delta_{PQ,k}$ è lo spostamento virtuale orizzontale del baricentro delle forze orizzontali $\alpha(P_k+Q_k)$ agenti sul k-esimo blocco, assumendo come verso positivo quello dell'azione sismica che attiva il meccanismo;
- L_i è il lavoro totale di eventuali forze interne (allungamento di una catena; scorrimento con attrito in presenza di ammorsamento tra i blocchi del meccanismo, dovuto a moti relativi traslazionali o torsionali; deformazione nel piano di solai o coperture collegate ma non rigide).

ANALISI CINEMATICA NON LINEARE

L'evoluzione del cinematismo si segue per via analitico - numerica, considerando una successione di rotazioni virtuali finite e aggiornando la geometria variata del sistema: fissata una rotazione finita ϑ_k , si può determinare il moltiplicatore α ad essa corrispondente così come fatto nel caso della configurazione iniziale del sistema, tenendo però conto della variazione della geometria. Tramite relazioni trigonometriche, supponendo che le azioni restino costanti, è possibile ricavare le espressioni per i bracci delle forze agenti in funzione della rotazione ϑ_k che si fa compiere alla struttura e seguire la variazione del coefficiente α fino al suo annullamento.

Aumentando l'angolo di rotazione, si ha una diminuzione del braccio delle forze verticali rispetto alla cerniera cilindrica (per alcuni valori di ϑ_k , il punto di applicazione di alcune forze esce dal filo della parete su cui si trova il polo di rotazione e, in questi casi, il momento generato da tali forze, che diventano instabilizzanti, sarà negativo, contribuendo alla diminuzione del momento resistente) e un aumento del braccio delle forze orizzontali: ne consegue una diminuzione del momento stabilizzante, che in una certa configurazione arriva ad annullarsi, e un aumento del momento ribaltante. A questo corrisponde, per quanto detto, una diminuzione del coefficiente α , che si annullerà in quella configurazione in cui è nullo il momento resistente.

È possibile determinare l'angolo ϑ_{k0} (cui corrisponde lo spostamento dk_0 del punto di controllo considerato) che caratterizza la configurazione per cui si ha l'annullamento del moltiplicatore α e quindi del momento stabilizzante M_s .

VERIFICHE ESEGUITE

Verifica SLD e SLV con analisi lineare a quota zero.

Nel caso in cui la verifica riguardi un elemento isolato o una porzione della costruzione comunque sostanzialmente appoggiata a terra, la verifica di sicurezza è soddisfatta se l'accelerazione spettrale a_g che attiva il meccanismo, confrontata con l'accelerazione al suolo soddisfa la seguente disuguaglianza:

$$\text{SLD:} \quad a_{g,\text{SLD}} \geq \frac{a_g \cdot S}{q_{\text{SLD}}}$$

$$\text{SLV:} \quad a_{g,\text{SLV}} \geq \frac{a_g \cdot S}{q_{\text{SLV}}}$$

Verifica SLD e SLV con analisi lineare a quota sopraelevata

Nel caso in cui la verifica riguardi un elemento posto ad una certa quota, si deve tener conto del fatto che l'accelerazione assoluta alla quota della porzione di edificio interessata dal cinematiso è in genere amplificata rispetto a quella al suolo, una approssimazione accettabile consiste nel verificare (oltre alle precedenti) che :

$$\text{SLD:} \quad a_{z,\text{SLD}} \geq a_z(z)$$

$$\text{SLV:} \quad a_{z,\text{SLV}} \geq \frac{a_z(z)}{q_{\text{SLV}}}$$

dove:

$$a_z(z) = \sqrt{\sum_k (a_{z,k}(z))^2}$$

$$a_{z,k}(z) = S_e(T_k, \xi_k) \gamma_k \psi_k \sqrt{1 + 0.0004 \xi_k^2}$$

Verifica mediante spettro di capacità (analisi cinematica non lineare)

La verifica di sicurezza dei meccanismi locali nei confronti dello Stato limite di salvaguardia della vita consiste nel confronto tra la capacità di spostamento ultimo d_u^* del meccanismo locale e la domanda di spostamento ottenuta dallo spettro di spostamento in corrispondenza del periodo secante T_s .

$$\text{Cinem. quota zero:} \quad d_u^* \geq S_{De}(T_{\text{SLV}})$$

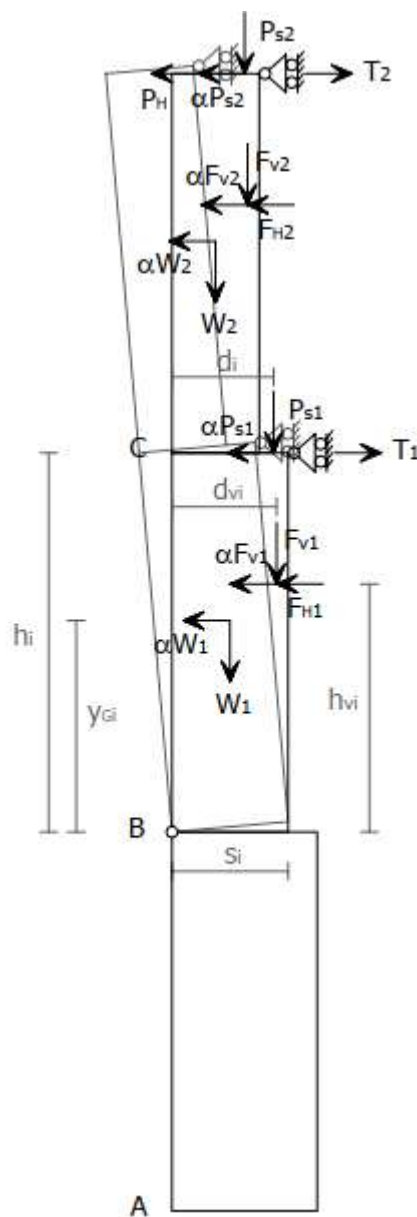
$$\text{Cinem. quota sopraelevata:} \quad d_u^* \geq S_{ez}(T_{\text{SLV}}, \xi, z) \frac{T_{\text{SLV}}^2}{4\pi^2}$$

dove:

$$S_{ez}(T_{\text{SLV}}, \xi, z) = 1.1 \xi^{-0.5} \eta(\xi) a_{z,k}(z)$$

Metodo di calcolo adottato per i meccanismi locali

Meccanismo di Ribaltamento Semplice:



- n è il numero di piani interessati dal cinematismo;
- W_i è il peso proprio della parete al piano i-esimo;
- F_{vi} è la componente verticale della spinta di archi o volte sulla parete al piano i-esimo;
- F_{hi} è la componente orizzontale della spinta di archi o volte sulla parete al piano i-esimo;
- T_i è il valore massimo dell'azione di un eventuale tirante presente in testa alla parete del piano i-esimo;

- P_{si} è il peso del solaio agente sulla parete all'iesimo piano calcolato in base all'area di influenza;
- s_i è lo spessore della parete all'i-esimo piano;
- h_i è l'altezza della parete al piano i-esimo rispetto alla cerniera cilindrica del meccanismo;
- h_{vi} è l'altezza del punto di applicazione della spinta di archi o volte al piano i-esimo rispetto alla cerniera cilindrica del meccanismo;
- d_i è la distanza orizzontale della cerniera cilindrica del punto di applicazione del carico del solaio sulla parete del piano i-esimo;
- d_{vi} sono le distanze orizzontali della cerniera cilindrica dei punti di applicazione delle forze F_{vi} ;
- y_{gi} è l'altezza del baricentro della parete al piano i-esimo rispetto alla cerniera cilindrica del meccanismo;
- α è il moltiplicatore delle forze orizzontali.

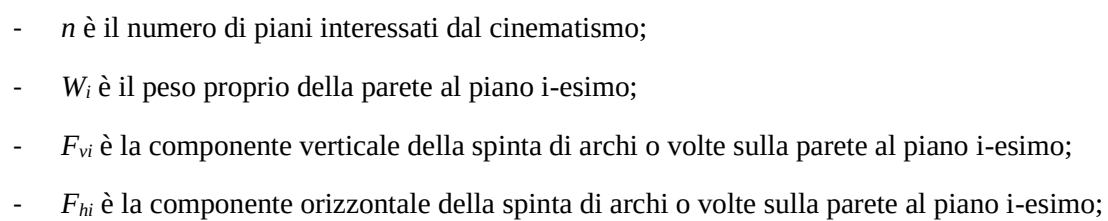
$$M_s = \sum_{i=1}^n W_i \frac{s_i}{2} + \sum_{i=1}^n F_{vi} d_{vi} + \sum_{i=1}^n P_{si} d_i + \sum_{i=1}^n T_i h_i$$

$$M_R = \alpha \left[\sum_{i=1}^n W_i y_{gi} + \sum_{i=1}^n F_{vi} d_{vi} + \sum_{i=1}^n P_{si} d_i \right] + \sum_{i=1}^n F_{Hi} h_{vi} + \sum_{i=1}^n P_H h_i$$

Uguagliando i termini ricaviamo il moltiplicatore di collasso

$$\alpha_0 = \frac{\sum_{i=1}^n W_i \frac{s_i}{2} + \sum_{i=1}^n F_{vi} d_{vi} + \sum_{i=1}^n P_{si} d_i + \sum_{i=1}^n T_i h_i - \sum_{i=1}^n F_{Hi} h_{vi} - \sum_{i=1}^n P_H h_i}{\left[\sum_{i=1}^n W_i y_{gi} + \sum_{i=1}^n F_{vi} d_{vi} + \sum_{i=1}^n P_{si} d_i \right]}$$

Meccanismo di Flessione Verticale:



- T_i è il valore massimo dell'azione di un eventuale tirante presente in testa alla parete del piano i-esimo;
- N è il peso trasmetto al corpo 2 dalla murature superiori;
- h_{pi} è la distanza vertical del punto di applicazione del carico trasmesso dal solaio i-esimo rispetto al polo di riduzione del macro-elemento su cui poggia;
- P_{si} è il peso del solaio agente sulla parete all'iesimo piano calcolato in base all'area di influenza;
- s_i è lo spessore della parete all'i-esimo piano;
- h_i è l'altezza del macro-elemento i-esimo rispetto alla cerniera cilindrica del meccanismo;
- h_{vi} è l'altezza del punto di applicazione della spinta di archi o volte al piano i-esimo rispetto alla cerniera cilindrica del meccanismo;
- d_i è la distanza orizzontale della cerniera cilindrica del punto di applicazione del carico del solaio sulla parete del piano i-esimo;
- d_{vi} sono le distanze orizzontali della cerniera cilindrica dei punti di applicazione delle forze F_{vi} ;
- y_{gi} è l'altezza del baricentro della parete al piano i-esimo rispetto alla cerniera cilindrica del meccanismo;
- a_i è la distanza orizzontale del punto di applicazione del carico trasmesso dai solai rispetto al polo di riduzione del macroelemento coinvolto;
- α è il moltiplicatore delle forze orizzontali.

Applicando l'equazione dei lavori virtuali si ha:

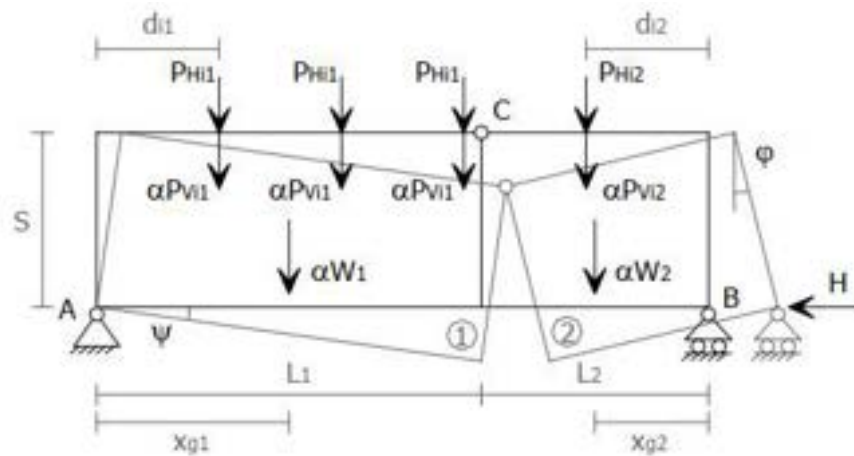
$$\alpha [W_1 \delta_{1x} + W_2 \delta_{2x} + F_{V1} \delta_{V1x} + F_{V2} \delta_{V2x} + P_{s1} \delta_{P1x}] + F_{H1} \delta_{V1x} + F_{H2} \delta_{V2x} = \\ [W_1 \delta_{1y} + W_2 \delta_{2y} + F_{V1} \delta_{V1y} + F_{V2} \delta_{V2y} + N \delta_{Ny} + P_{s1} \delta_{P1y} + P_{s2} \delta_{P2y} + T \delta_{P1x}]$$

Uguagliando i termini ricaviamo il moltiplicatore di collasso

$$\alpha = \frac{E}{W_1 y_{G1} + F_{V1} h_{V1} + P_{s1} h_P + (W_2 y_{G2} + F_{V2} h_{V2}) \frac{h_1}{h_2}}$$

$$E = \frac{W_1}{2} s_1 + F_{V1} \delta_{V1} + (W_2 + P_{s2} + N + F_{V2}) s_2 + P_{s1} a_1 - F_{H1} h_{V1} + Th_p \\ + \left(\frac{W_2}{2} s_2 - F_{V2} h_{V2} + F_{V2} d_{V2} + Nd + P_{s2} a_2 \right) \frac{h_1}{h_2}$$

Meccanismo di Flessione Orizzontale:



- W_i è il peso proprio del macroelemento i-esimo;
- P_{vi1} rappresenta l'i-esimo carico verticale trasmesso in testa al macroelemento 1;
- P_{vi2} rappresenta l'i-esimo carico verticale trasmesso in testa al macroelemento 2;
- P_{Hi1} è l'i-esima spinta statica trasmessa dalla copertura in testa al corpo 1;
- P_{Hi2} è l'i-esima spinta statica trasmessa dalla copertura in testa al corpo 2;
- H rappresenta il valore massimo della reazione sopportabile dalla parete, o dalle pareti, di controvento oppure dall'eventuale tirante orizzontale;
- s è lo spessore della parete;
- L_i è la lunghezza del macroelemento i-esimo;
- d_{i1} è la distanza orizzontale del punto di applicazione dell'i-esimo carico che agisce in testa al corpo 1 rispetto al proprio polo di riduzione (cerniera in A);
- d_{i2} è la distanza orizzontale del punto di applicazione dell'i-esimo carico che agisce in testa al corpo 2 rispetto al proprio polo di riduzione (carrello in B);
- x_{Gi} è la distanza orizzontale del baricentro del corpo i-esimo dal proprio polo di riduzione.

L'equazione dei lavori virtuali risulta essere:

$$\alpha \left[W_1 \delta_{1y} + W_2 \delta_{2y} + \sum_i P_{vi1} \delta_{pi1y} + \sum_i P_{vi2} \delta_{pi2y} \right] + \sum_i P_{Hi1} \delta_{pi1y} + \sum_i P_{Hi2} \delta_{pi2y} - H \delta_{Hx} = 0$$

Da cui ricaviamo il moltiplicatore di collasso:

$$\alpha \left[W_1 x_{G1} + W_2 x_{G2} \frac{L_1}{L_2} + \sum_i P_{vi1} d_{i1} + \sum_i P_{vi2} d_{i2} \frac{L_1}{L_2} \right] + \sum_i P_{Hi1} d_{i1} + \sum_i P_{Hi2} d_{i2} \frac{L_1}{L_2} - Hs \left(1 + \frac{L_1}{L_2} \right) = 0$$

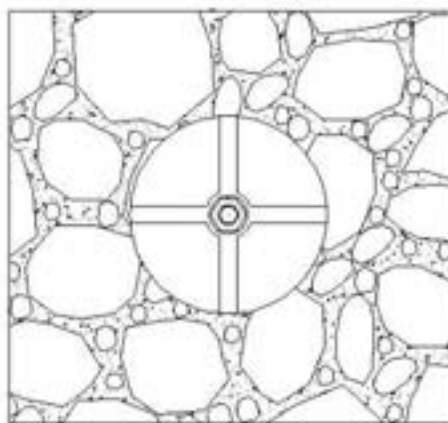
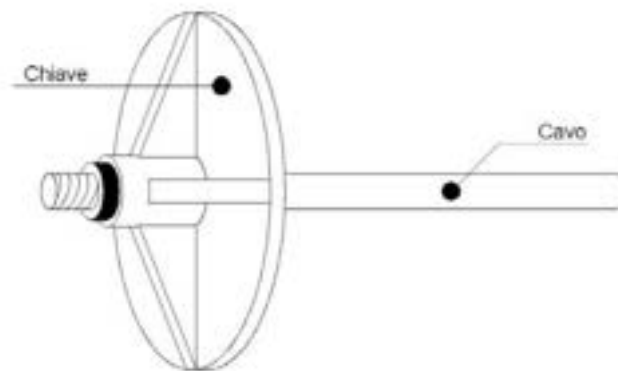
$$\alpha = \frac{-\sum_i P_{Hi1} d_{i1} - \sum_i P_{Hi2} d_{i2} \frac{L_1}{L_2} + Hs \left(1 + \frac{L_1}{L_2} \right)}{\left[W_1 x_{G1} + W_2 x_{G2} \frac{L_1}{L_2} + \sum_i P_{vi1} d_{i1} + \sum_i P_{vi2} d_{i2} \frac{L_1}{L_2} \right]}$$

Resistenza dei Tiranti in Acciaio e Verifica del Capochiave

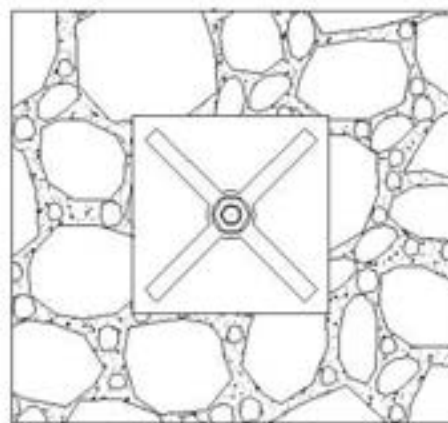
Resistenza Tiranti

I tiranti in acciaio sono composti da due parti:

- *capochiave* (con la presenza o assenza di nervature);
- *cavo* (di solito di forma circolare).



a) Circolare



b) Rettangolare

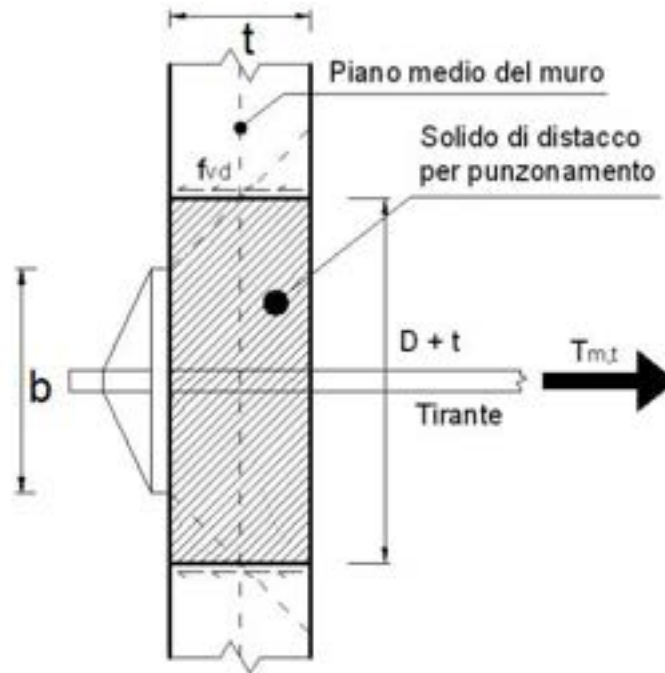
All'interno del programma sono presenti tiranti con capochiave circolare o capochiave rettangolare.

La resistenza massima di trazione che il tirante può supportare e trasmettere alla muratura dipendono sia dalle caratteristiche geometriche e meccaniche sia della muratura e sia dell'elemento in acciaio.

La resistenza del tirante è il minimo delle resistenze di tale elemento riportate in seguito:

- Resistenza a Punzonamento;
- Resistenza a Schiacciamento;
- Resistenza a Snervamento del cavo del tirante;
- Resistenza a plasticizzazione della piastra del capochiave.

e vengono calcolati come quanto segue:



Resistenza a Punzonamento

$$R_{punz} = \int_{C^*} f_{vd} t \, dc^*$$

Resistenza a Schiacciamento

$$R_{SCH} = \int_A f_{cd} \, dA$$

Resistenza a Snervamento

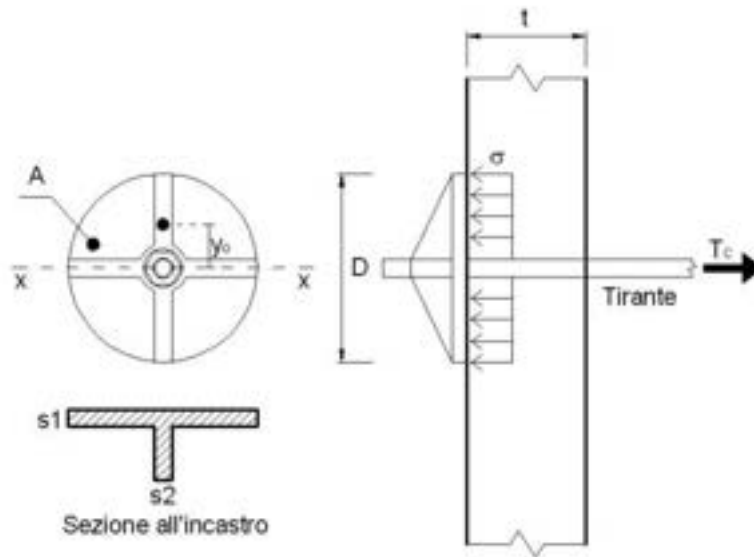
$$R_{SNV} = f_{yd} \omega_s \quad \omega_s = \frac{\pi \phi^2}{4}$$

$$R_{pl} = \frac{2M_y}{y_p} \quad y_p = \frac{2D}{3\pi} \quad \text{Circolare}$$

Resistenza a plasticizzazione piastra
Verifica Capochiave

$$y_p = \frac{B}{4} \quad \text{Quadrata}$$

La verifica del capochiave invece avviene tramite il criterio di Von Mises. Ovvero vengono calcolate le tensioni normali e tensioni tangenziali che si generano nel capochiave dallo sforzo di trazione di calcolo e confrontate con la tensione di calcolo di esso.



$$M_{ed} = V_{ed} y_p \quad \text{Momento Flettente}$$

$$y_p = \frac{2D}{3\pi}$$

$$V_{ed} = \frac{T}{2}$$

Sforzo Tagliante

$$\sigma = \frac{M_{ed}}{I_{xx}} y_{\max}$$

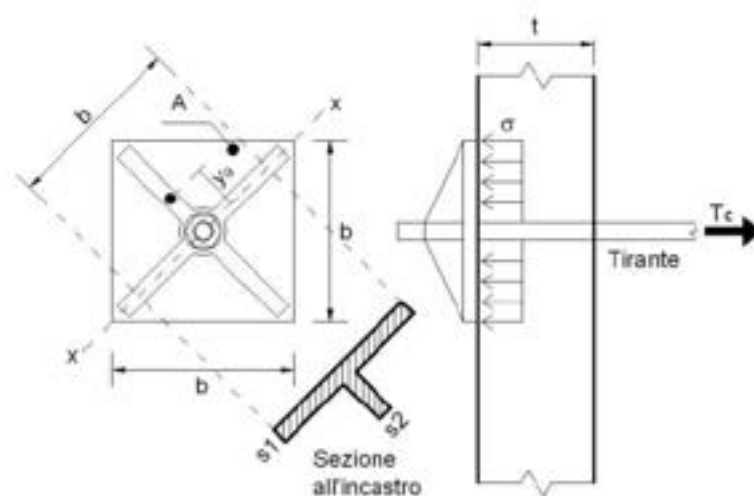
Navier

$$\tau = \frac{V_{ed} S'}{I_{xx} b}$$

Jouraswky

$$\sigma_{id} = \sqrt{\sigma_{(x,y)}^2 + 3\tau_{(x,y)}^2}$$

VonMises



$$M_{ed} = V_{ed} y_p \quad \text{Momento Flettente}$$

$$y_p = \frac{\sqrt{2}b}{6}$$

$$V_{ed} = \frac{T}{2}$$

Sforzo Tagliante

$$\sigma = \frac{M_{ed}}{I_{xx}} y_{\max} \quad \text{Navier}$$

$$\tau = \frac{V_{ed} S'}{I_{xx} b} \quad \text{Jouraswky}$$

$$\sigma_{id} = \sqrt{\sigma_{(x,y)}^2 + 3\tau_{(x,y)}^2} \quad \text{VonMises}$$

Calcolo Sforzo di calcolo nei Tiranti e Cordoli

Lo sforzo assorbito dai vincoli in sommità ad ogni parete (cordoli in testa o tiranti) viene calcolato tramite n equazioni di equilibrio a rotazione (dove n è il numero di piani che costituiscono la parete).

Nell'equazione di equilibrio di partenza vengono considerate le forze agenti all' n -esimo piano, si calcola Momento Ribaltante $M_r(\alpha_0)$ e Momento Stabilizzante $M_s(T_n)$ attorno alla base di tale piano, e dall'uguaglianza del momento ribaltante e stabilizzante si ricava l'incognita T_n .

Nelle successive k equazioni di equilibrio vengono considerate le forze agenti dall' n -esimo piano fino al $(n-k)$ -esimo piano, si calcola Momento Ribaltante $M_r(\alpha_0)$ e Momento Stabilizzante $M_s(T_n, T_{n-1}, \dots, T_{n-k})$ attorno alla base dell' $(n-k)$ -esimo piano, e dall'uguaglianza del momento ribaltante e stabilizzante ricavo l'incognita T_{n-k} .

Per esempio, se si consideri una parete che si sviluppa dal piano terra al secondo piano (quindi $n = 2$), la prima equazione di equilibrio prevede le sole forze presenti al secondo piano e l'unica incognita risulta essere lo sforzo T_2 .

L'equazione di equilibrio successiva invece prevede le forze presenti al secondo e al primo piano e l'unica incognita rimane T_1 (poiché T_2 risulta essere già calcolata dall'equazione di equilibrio precedente).

Successivamente l'equazione di equilibrio prevede le forze presenti al secondo, al primo piano e al piano terra dove l'unica incognita da calcolare risulta T_0 .

Nel caso lo sforzo dei tiranti derivanti dell'equazione di equilibrio risulti essere minore di zero (quindi in compressione e di conseguenza non accettabile) il programma pone tali sforzo pari a zero. Allo sforzo calcolato tramite tale procedura viene sommato il contributo di pretensione presente nell'Archivio dei Tiranti per ciascun tirante.

Il valore di α_0 utilizzato, per il calcolo per ogni equazione di equilibrio, è pari al valore tale da soddisfare la verifica semplificata allo SLV (procedura semplificata).

Infatti si calcoli

$$\alpha^* = \max\{\alpha_{0(z=0)}^*; \alpha_{0(z=H)}^*\}$$

Con:

- $\alpha_{0(z=0)}^* \alpha_{0(z=0)}^*$ è l'accelerazione che attiva il meccanismo a quota zero
- $\alpha_{0(z=H)}^* \alpha_{0(z=H)}^*$ è l'accelerazione che attiva il meccanismo a quota diversa da zero

Noto α^* si procede al calcolo del coefficiente

$$\alpha_0 = \frac{\alpha^* e^* F_c}{q}$$

EDIFICIO BASSO – Parete Est – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA RALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

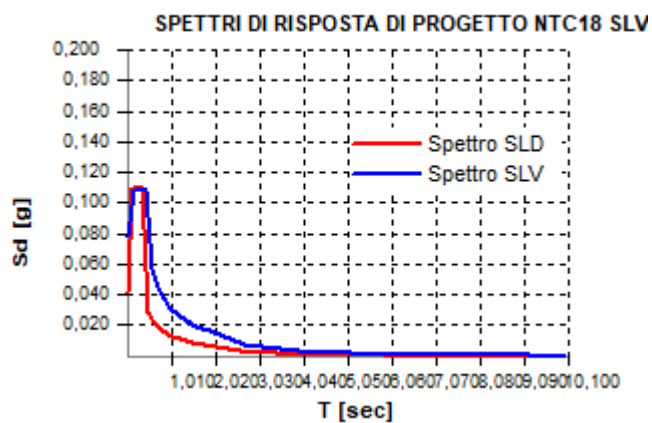


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

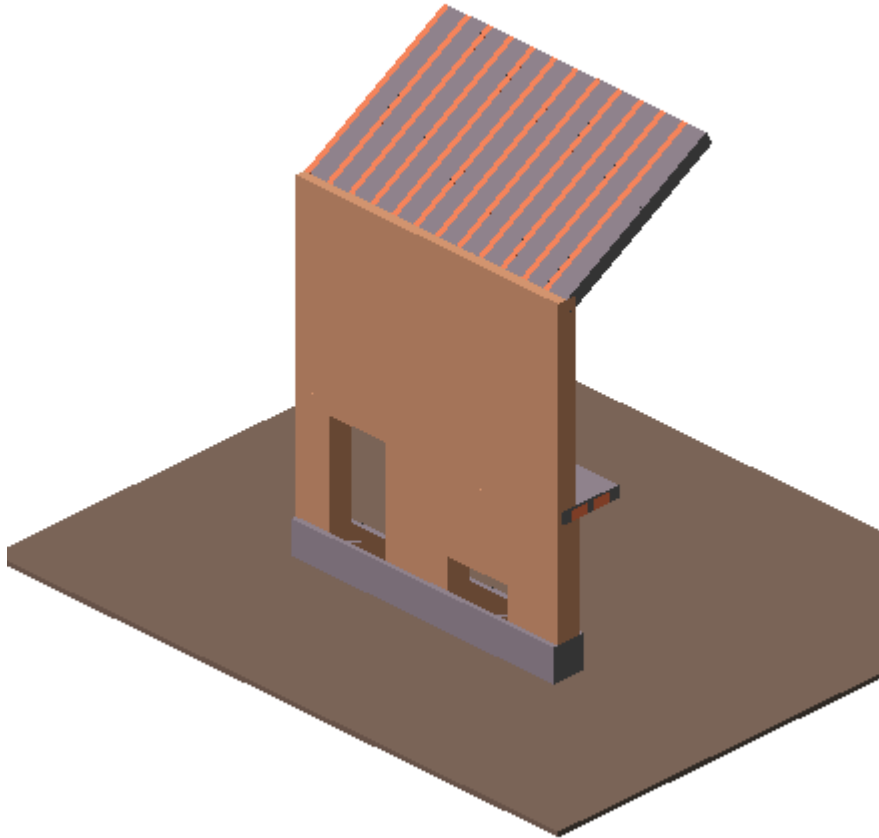


Figura: 2 - Modello 3D della parete

Prospetto Frontale

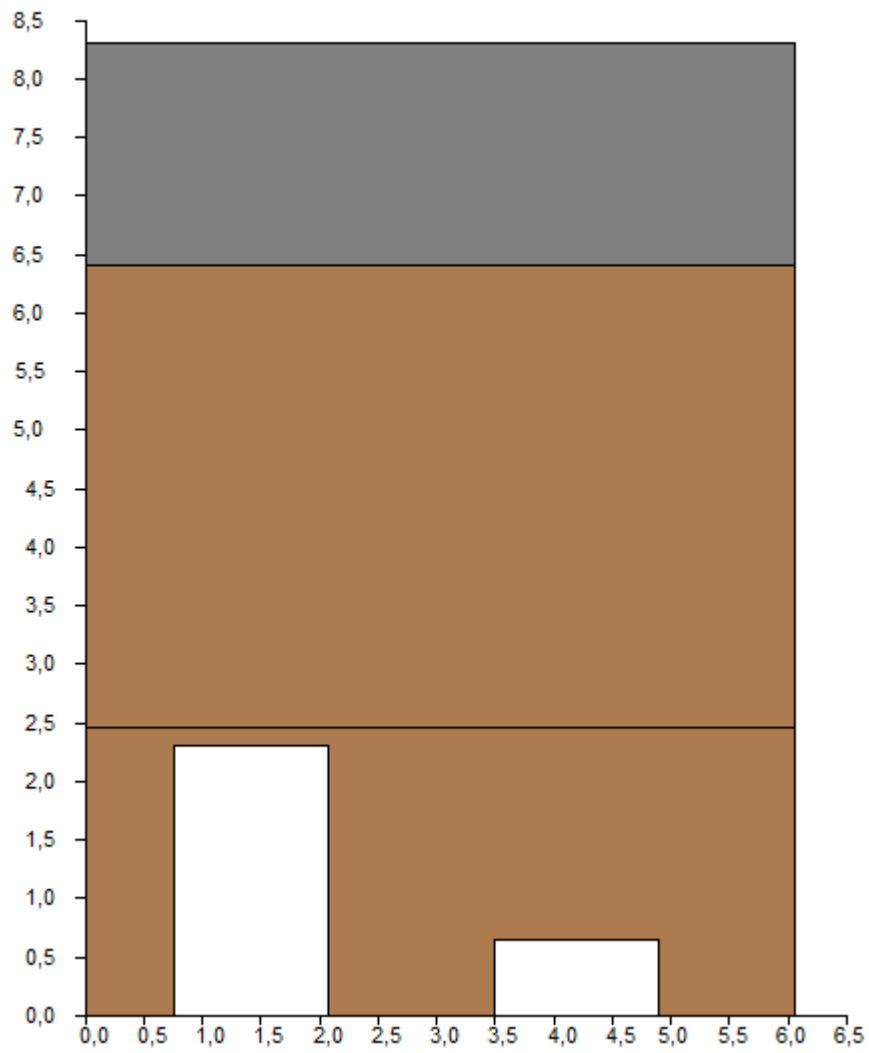


Figura: 3 - Prospetto della parete

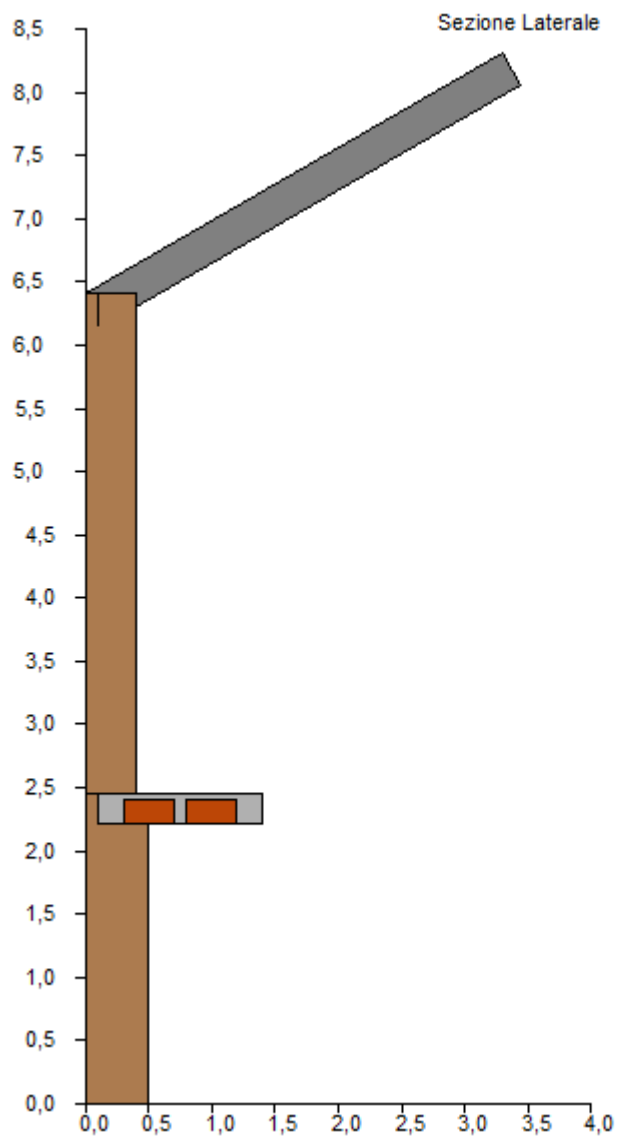


Figura: 4 - Sezione della parete

Parete Muraria n° 1

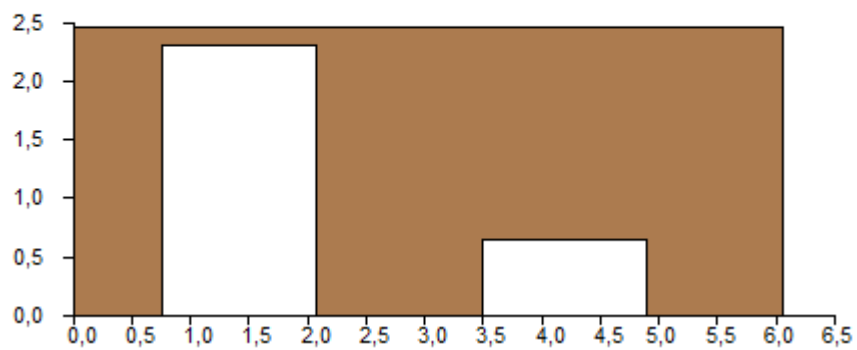


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	6,05 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	98,11 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Porta ingresso 3

Altezza dell'apertura:	2,31 [m]
Base dell'apertura:	1,33 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,75 [m]

Apertura n° 2: Finestrella

Altezza dell'apertura:	0,65 [m]
Base dell'apertura:	1,40 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	3,49 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G_{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
i_s : semi-lunghezza del solaio:	1,30 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

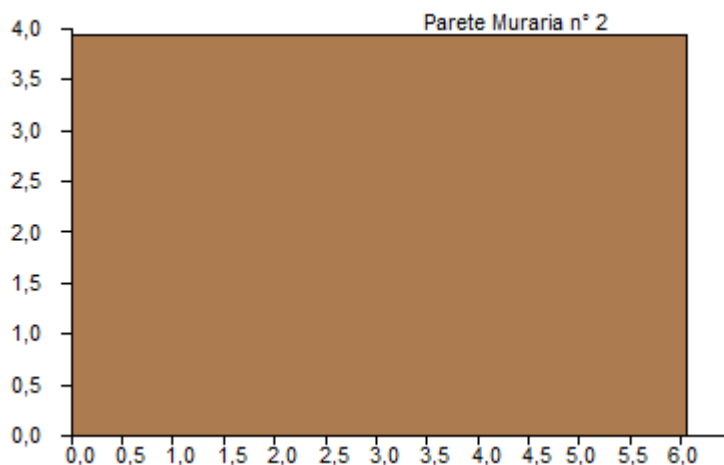


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	6,05 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	172,06 [kN]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

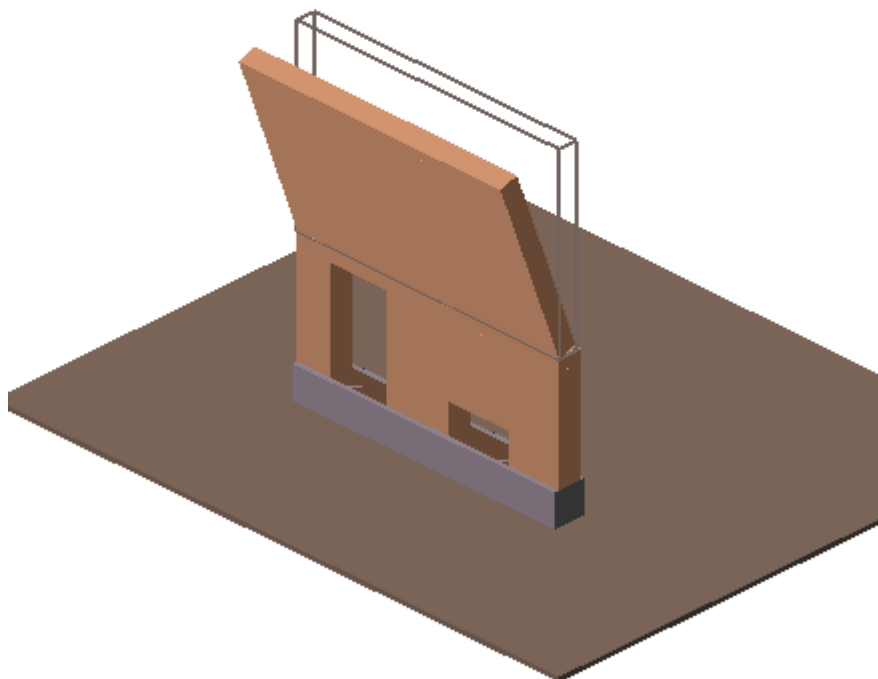
Descrizione Tipologia di Solaio:

Copertura Neve

G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
l_s : semi-lunghezza del solaio:	3,80 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,384 [-]
Momento Ribaltante M_{rib} :	398,849 [kN*m]
Momento Stabilizzante M_{st} :	5,953 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,015 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,013 [g]
Massa partecipante al cinematismo M^* :	17,940 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,941 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	3,176 [-]
Fattore di verifica in elevazione allo SLD:	3,850 [-]

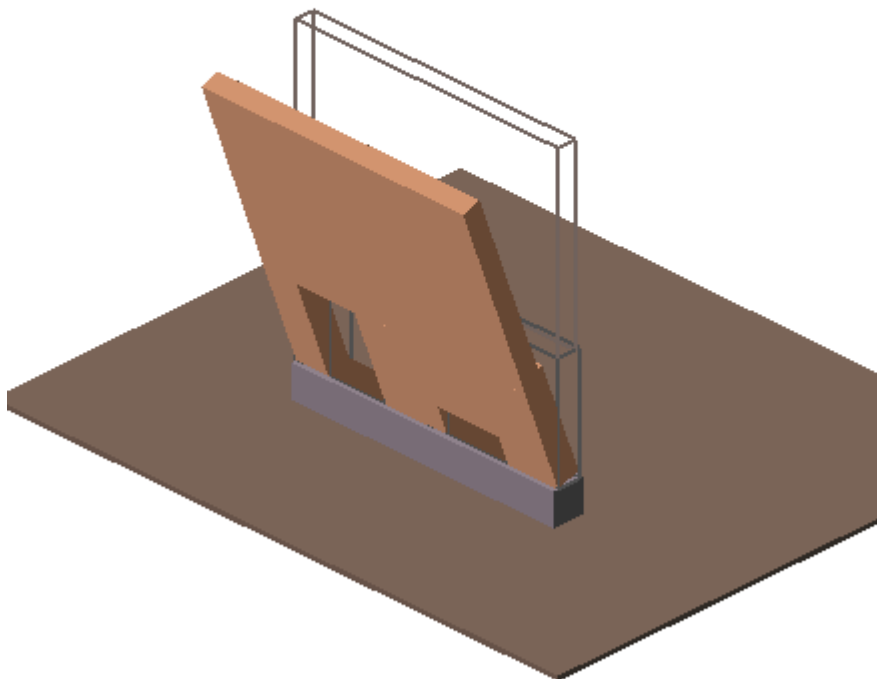
Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON VERIFICATO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{i,SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{,SLV}$: 0,050 [g]
 Fattore di verifica a quota zero allo SLV: 2,972 [-]
 Fattore di verifica in elevazione allo SLV: 3,806 [-]

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLV: **NON VERIFICATO**

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo: 0,00 [m]
 Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 0,000 [-]
 Momento Ribaltante M_{rib} : 1053,855 [kN*m]
 Momento Stabilizzante M_{st} : 8,548 [kN*m]

Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,008 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,008 [g]
Massa partecipante al cinematismo M^* :	26,154 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,823 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	5,116 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**

Esito verifica meccanismo in elevazione allo SLD: **NON RICHIESTO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	Non Richiesto
Fattore di verifica a quota zero allo SLV:	4,788 [-]
Fattore di verifica in elevazione allo SLV:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**

Esito verifica meccanismo in elevazione allo SLV: **NON RICHIESTO**

Confronto PGA in sito e PGA meccanismi di collasso locali

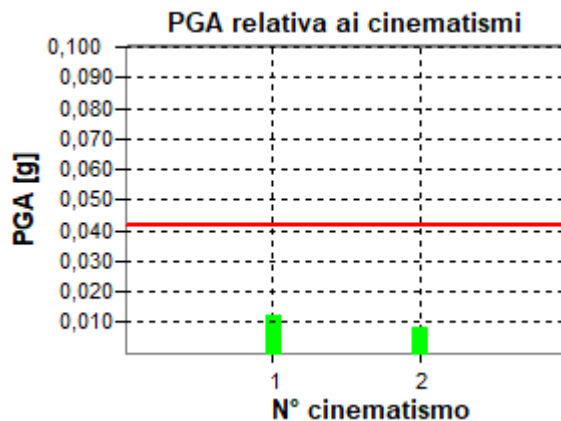


Figura 7 - Confronto PGA SLD

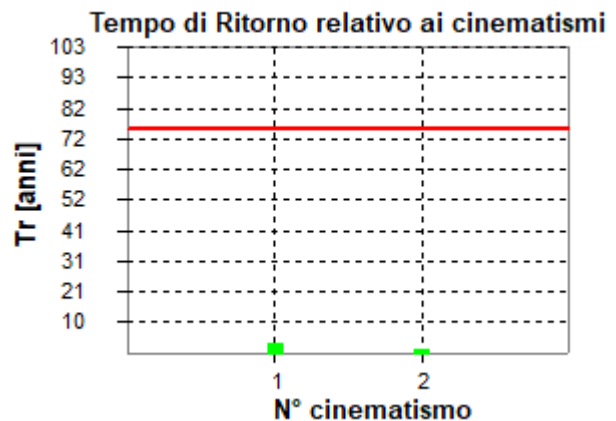


Figura 8 - Confronto TR SLD

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD:	0,0420 [g]
Tempo di Ritorno TR_D allo SLD:	75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD:	0,0121 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD:	3 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	0,2886 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	0,0402 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD:	0,0420 [g]

Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0084 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 1 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,2000 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0152 [-]

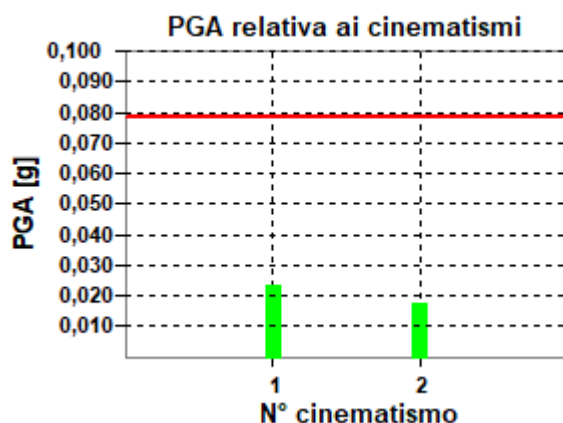


Figura: 9 - Confronto PGA SLV

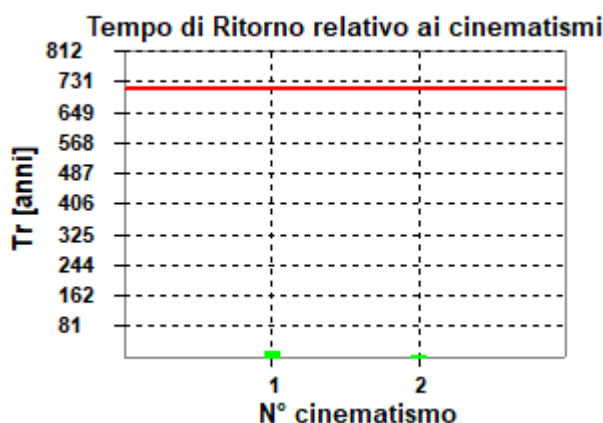


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0236 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 17 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,3008 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0234 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0174 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 8 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,2214 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0106 [-]

EDIFICIO BASSO – Parete Est – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

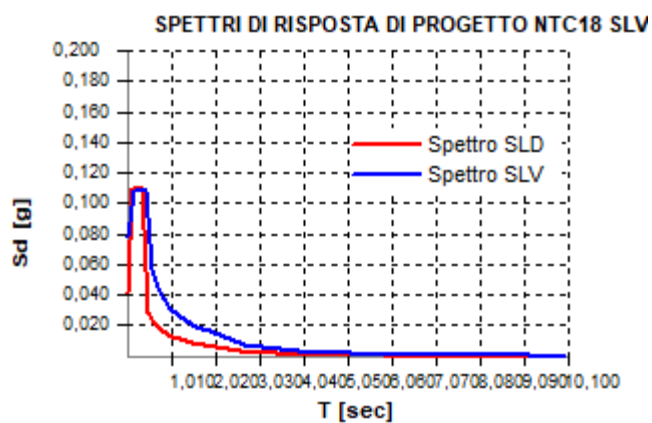


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

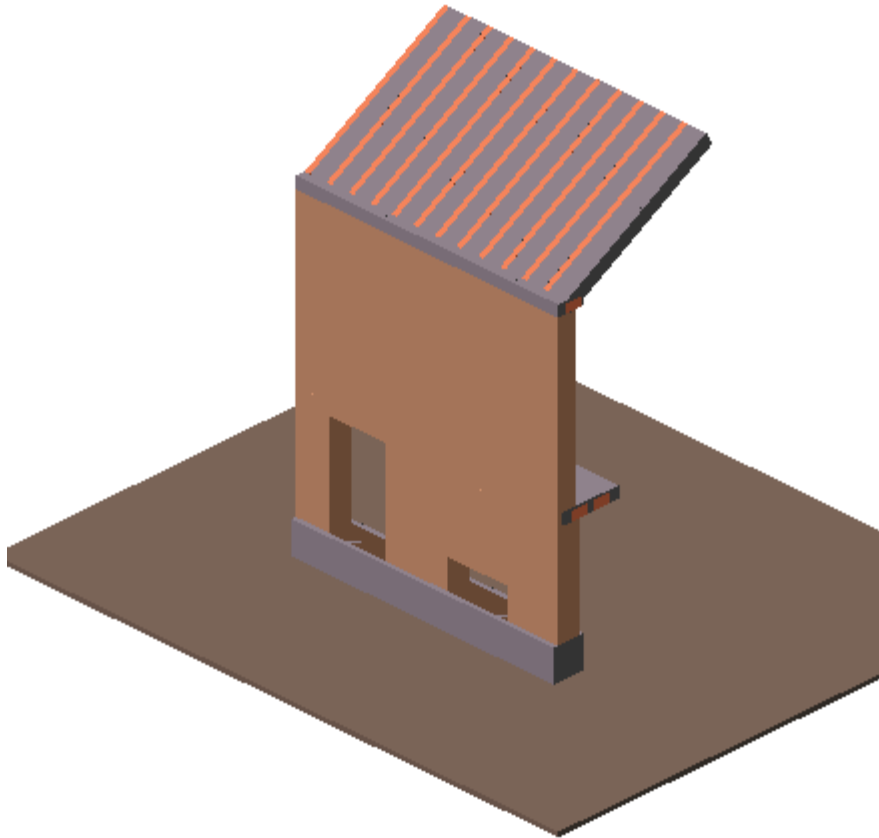


Figura: 2 - Modello 3D della parete

Prospetto Frontale

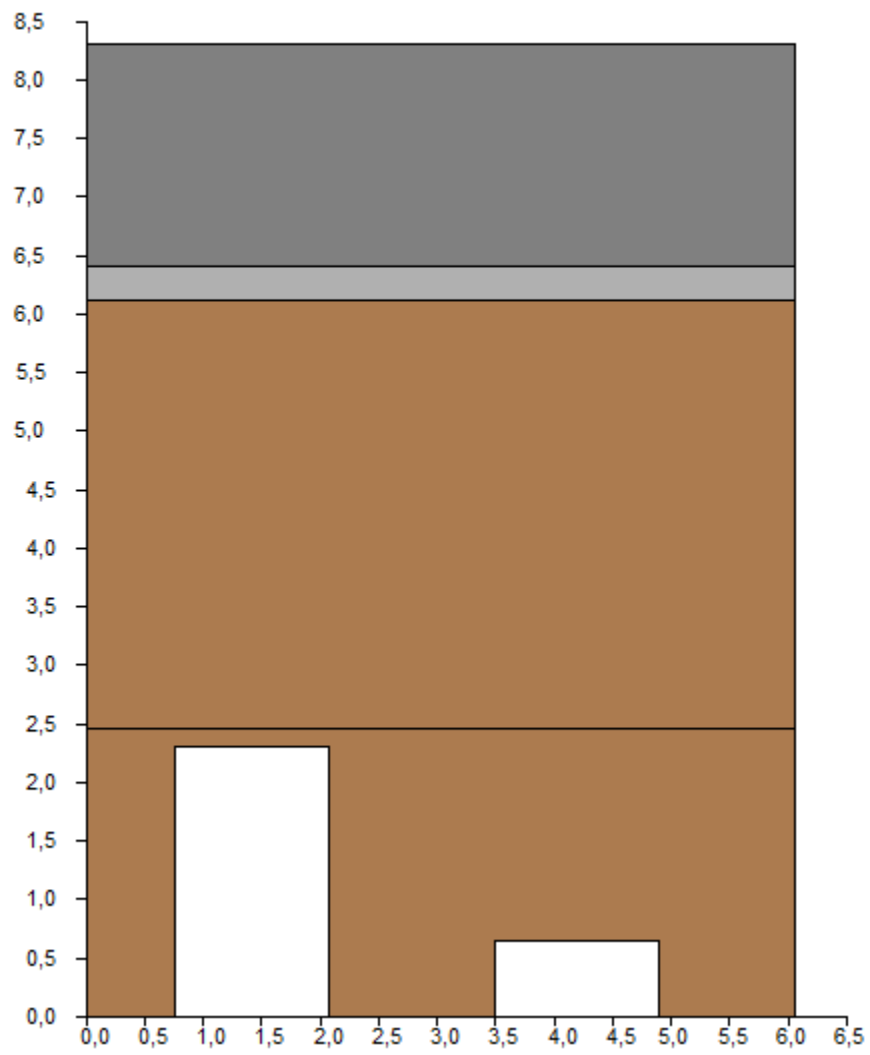


Figura: 3 - Prospetto della parete

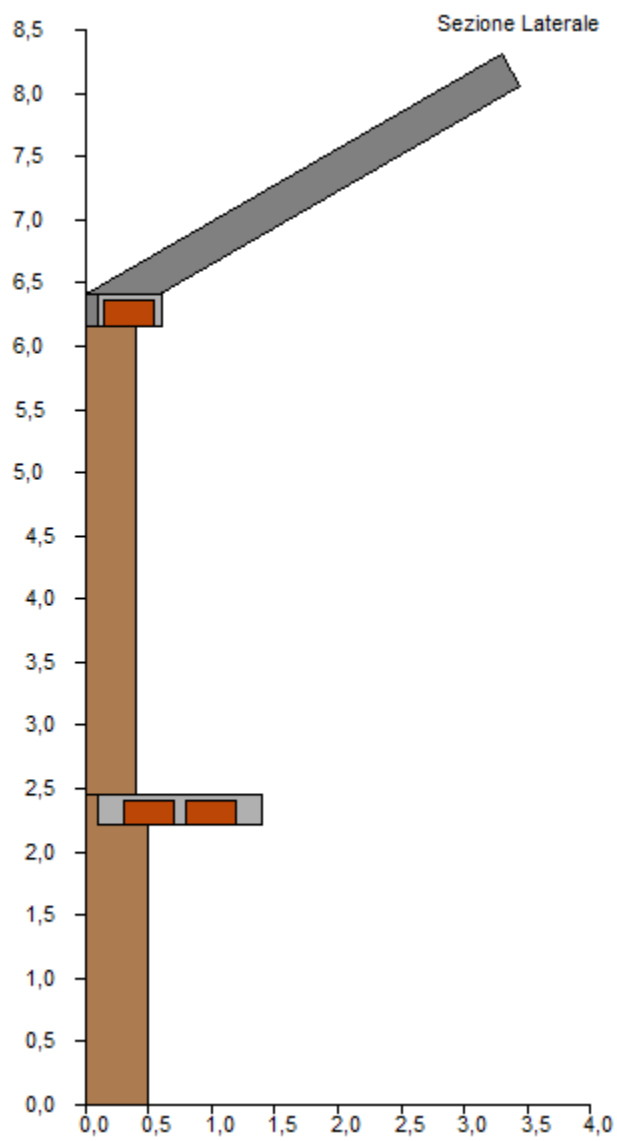


Figura: 4 - Sezione della parete

Parete Muraria n° 1

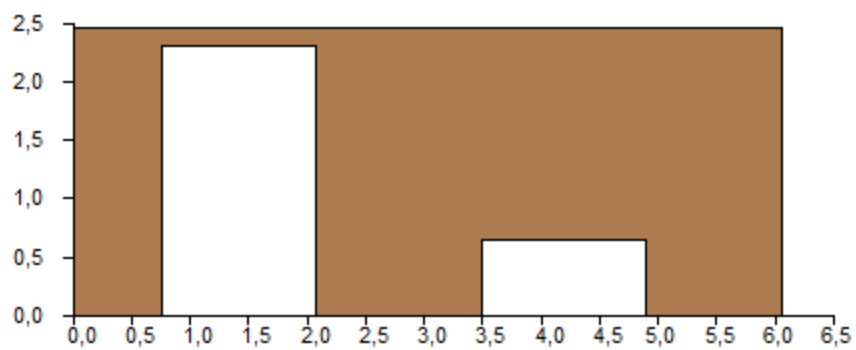


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	6,05 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	98,11 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Porta ingresso 3

Altezza dell'apertura:	2,31 [m]
Base dell'apertura:	1,33 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,75 [m]

Apertura n° 2: Finestrella

Altezza dell'apertura:	0,65 [m]
Base dell'apertura:	1,40 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	3,49 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
q ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	3,00 [kN/mq]
i _s : semi-lunghezza del solaio:	1,30 [m]
e _s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,25 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

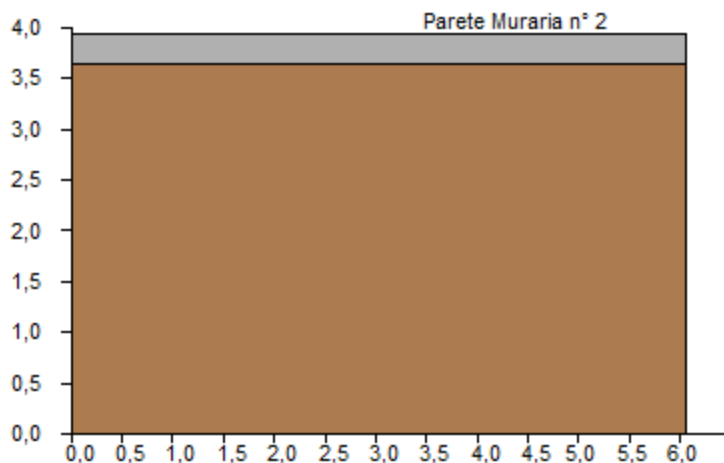


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	6,05 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	172,06 [kN]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G _{1k} carico permanente strutturale del solaio:	0,85 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,20 [kN/mq]
q ₂ coefficiente carico variabile del solaio:	0,00 [-]
Q _k carico variabile del solaio:	0,50 [kN/mq]
i _s : semi-lunghezza del solaio:	0,50 [m]
e _s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

G _{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]

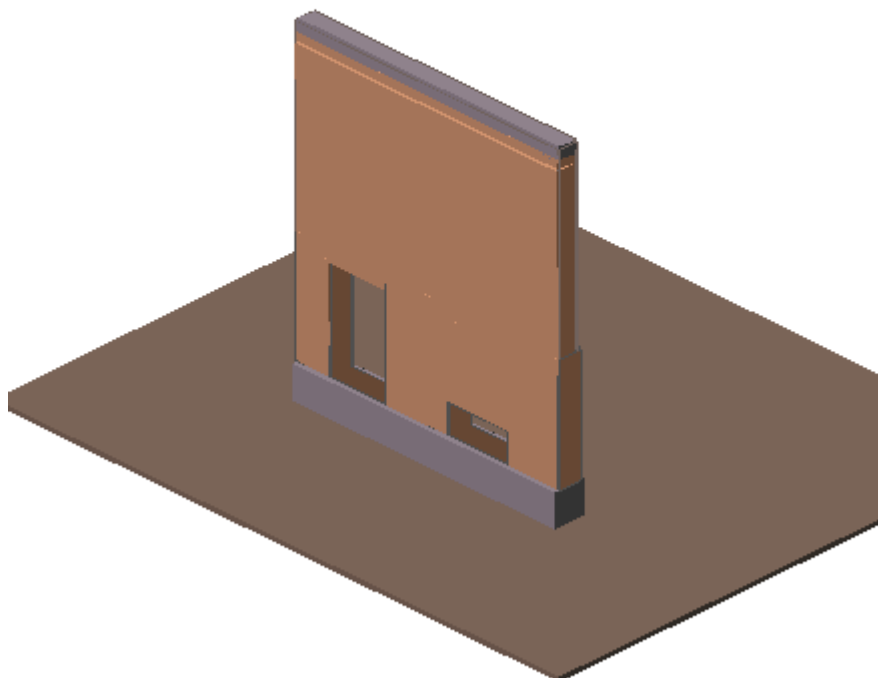
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
i_s : semi-lunghezza del solaio:	3,80 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°2: 4,36 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo: 0,00 [m]

Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 0,000 [-]
 Momento Ribaltante M_{rib} : 913,161 [kN*m]
 Momento Stabilizzante M_{st} : 118,844 [kN*m]
 Moltiplicatore di collasso dei carichi orizzontali α_0 : 0,130 [-]
 accelerazione spettrale di attivazione del cinematisimo a_0^* : 0,109 [g]
 Massa partecipante al cinematisimo M^* : 27,297 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,991 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: Non Richiesto
 Fattore di verifica a quota zero allo SLD: 0,384 [-]
 Fattore di verifica in elevazione allo SLD: Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON RICHiesto

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 0,359 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: NON RICHiesto

Confronto PGA in sito e PGA meccanismi di collasso locali

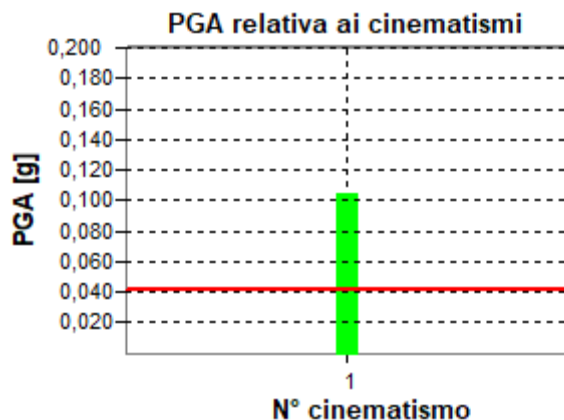


Figura: 7 - Confronto PGA SLD

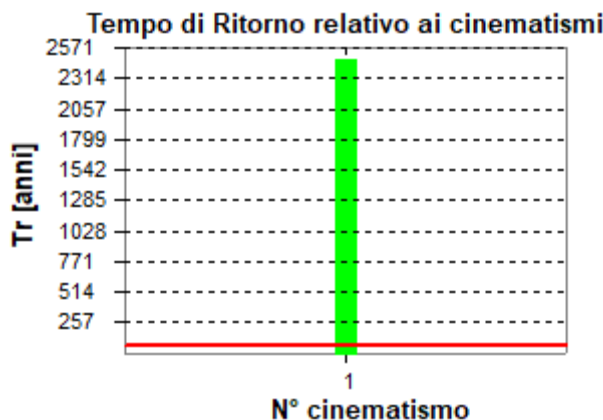


Figura: 8 - Confronto TR SLD

Cinematisimo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 32,7545 [-]

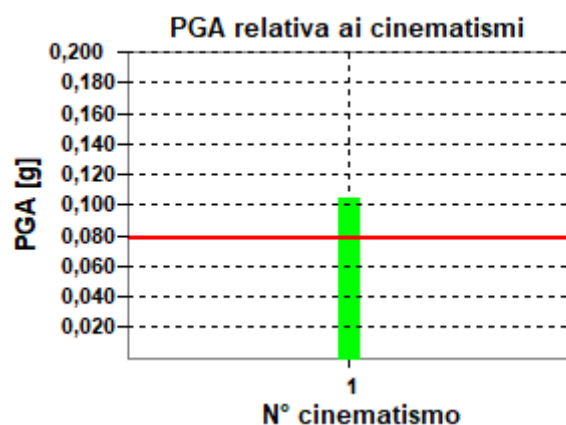


Figura: 9 - Confronto PGA SLV

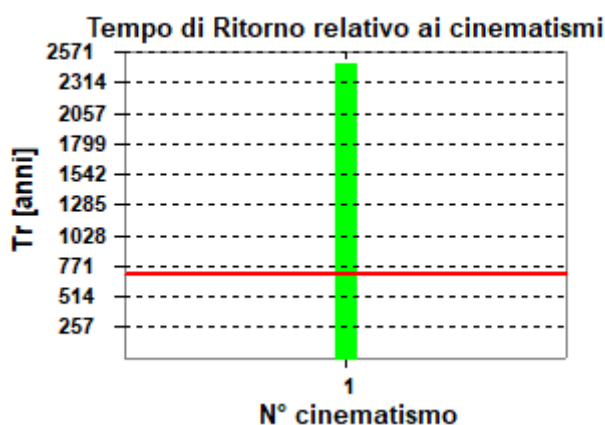


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

EDIFICIO BASSO – Parete Nord – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

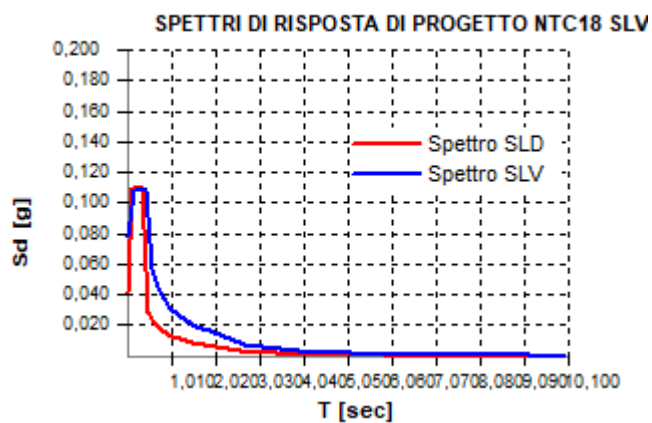


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

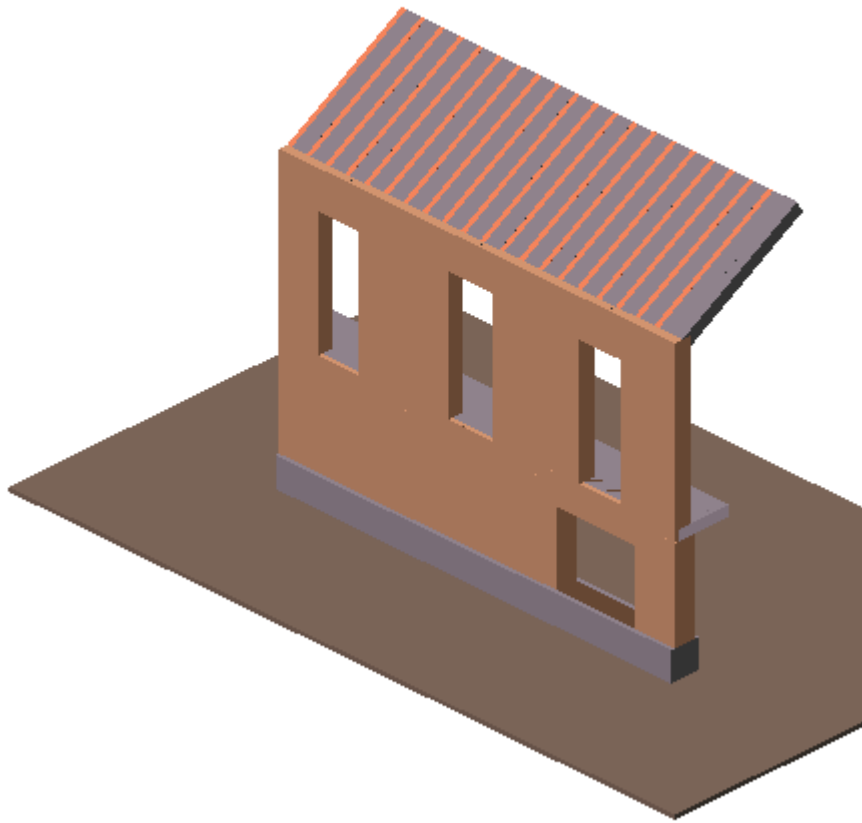


Figura: 2 - Modello 3D della parete

Prospetto Frontale

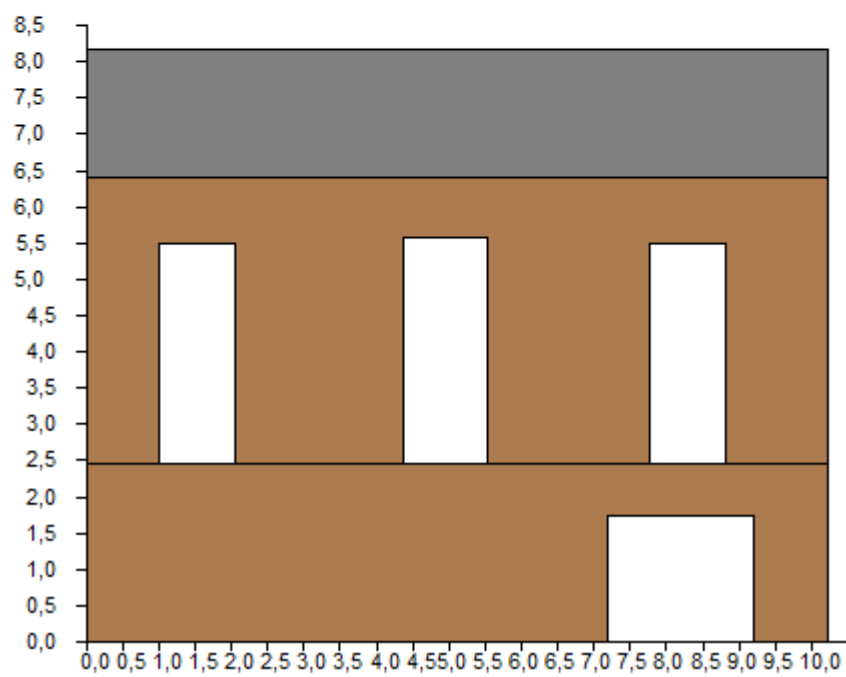


Figura: 3 - Prospetto della parete

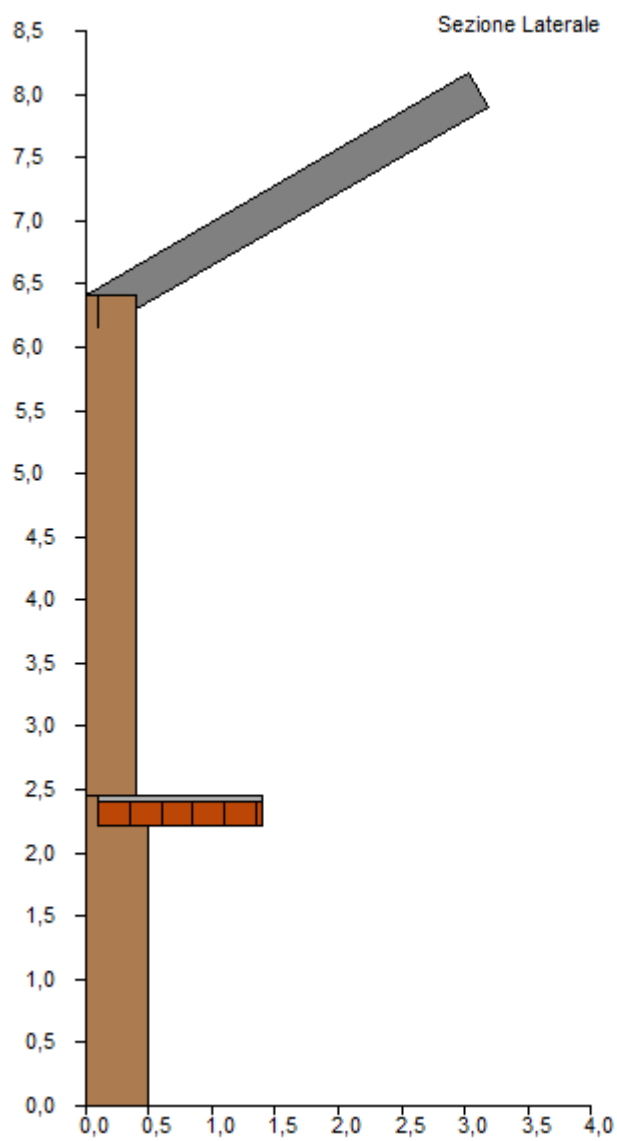


Figura: 4 - Sezione della parete

Parete Muraria n° 1

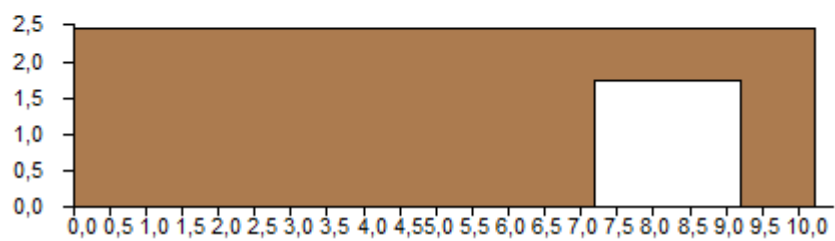


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	10,23 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	194,99 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Porta retro

Altezza dell'apertura:	1,75 [m]
Base dell'apertura:	2,00 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,19 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	1,30 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	3,35 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 2

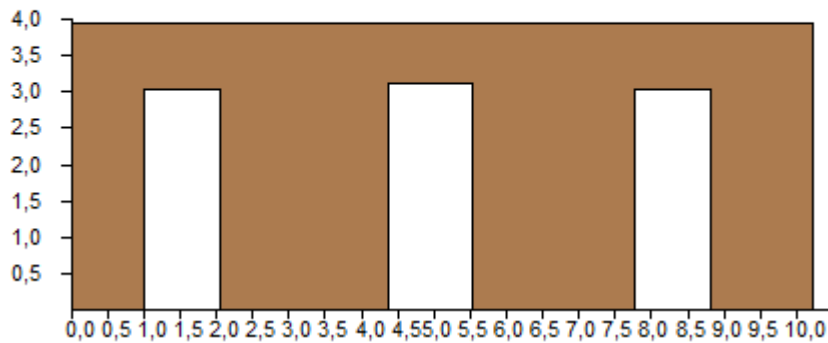


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	10,23 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	218,47 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,99 [m]

Apertura n° 2: porta ingresso 2

Altezza dell'apertura:	3,12 [m]
Base dell'apertura:	1,18 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	4,36 [m]

Apertura n° 3: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,76 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

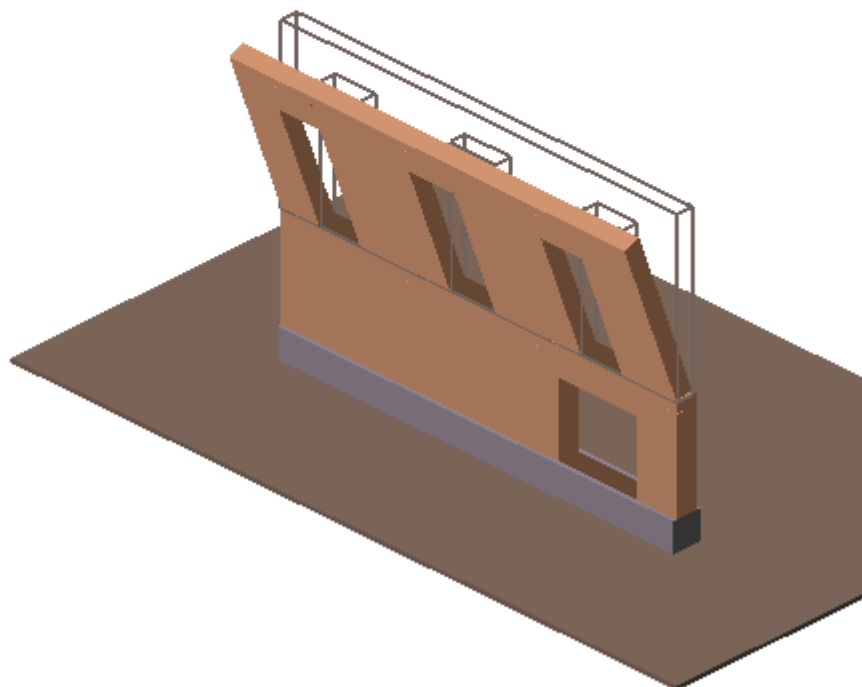
Descrizione Tipologia di Solaio:

Copertura Neve

G _{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,00 [-]
Q _k carico variabile del solaio:	1,26 [kN/mq]
i _s : semi-lunghezza del solaio:	3,50 [m]
e _s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	555,320 [kN*m]
Momento Stabilizzante M_{st} :	0,928 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,002 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,001 [g]
Massa partecipante al cinematismo M^* :	23,364 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,948 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	28,576 [-]
Fattore di verifica in elevazione allo SLD:	34,638 [-]

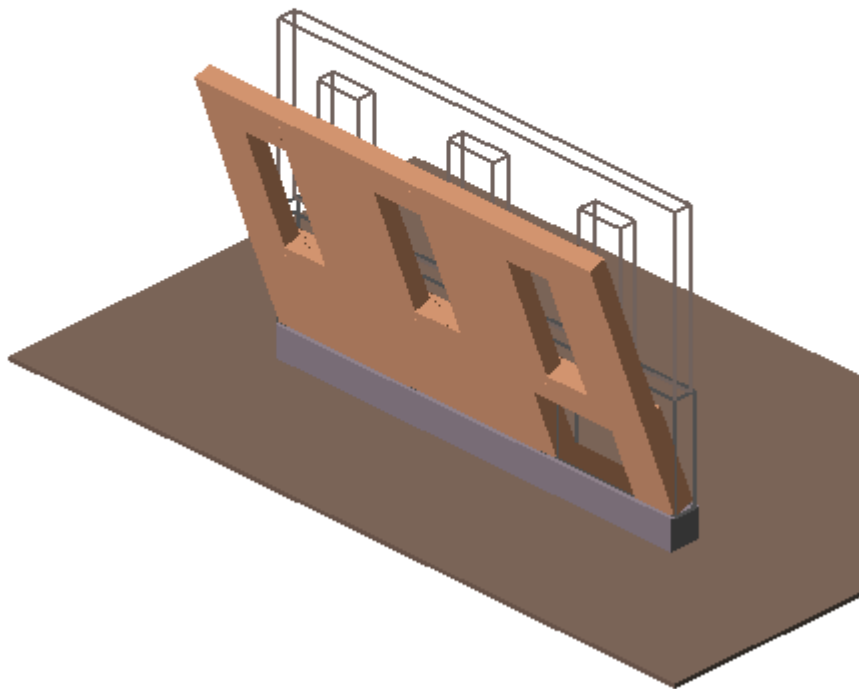
Esito verifica meccanismo a quota zero allo SLD:	NON VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	26,739 [-]
Fattore di verifica in elevazione allo SLV:	34,243 [-]

Esito verifica meccanismo a quota zero allo SLV:	NON VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1510,626 [kN*m]
Momento Stabilizzante M_{st} :	26,583 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,018 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,019 [g]
Massa partecipante al cinematismo M^* :	37,939 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,773 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	2,214 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
Fattore di verifica a quota zero allo SLV: 2,072 [-]
Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

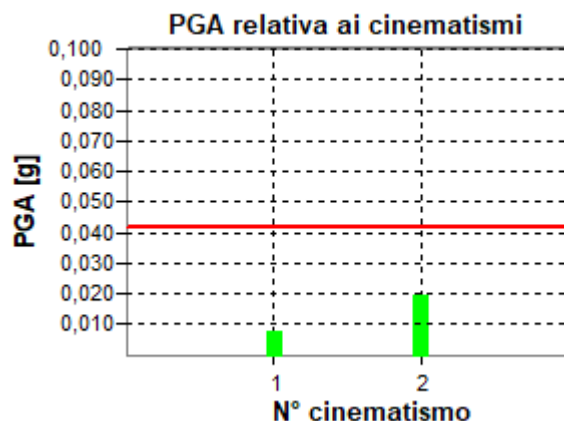


Figura: 7 - Confronto PGA SLD

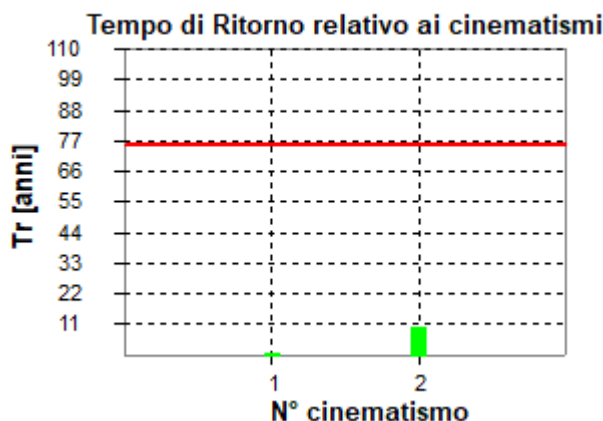


Figura: 8 - Confronto TR SLD

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
Tempo di Ritorno TR_D allo SLD: 75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0079 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 1 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,1886 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0133 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
Tempo di Ritorno TR_D allo SLD: 75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0193 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 10 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4600 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1315 [-]

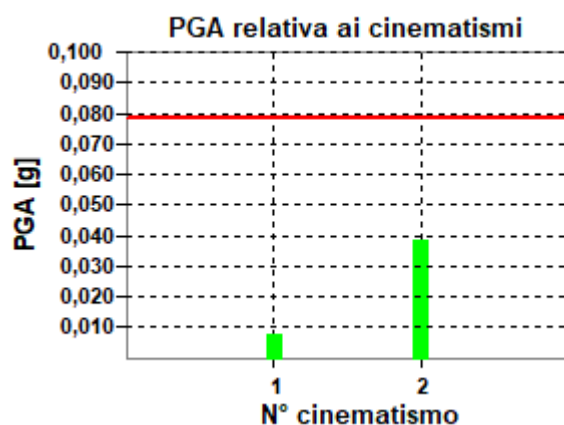


Figura: 9 - Confronto PGA SLV

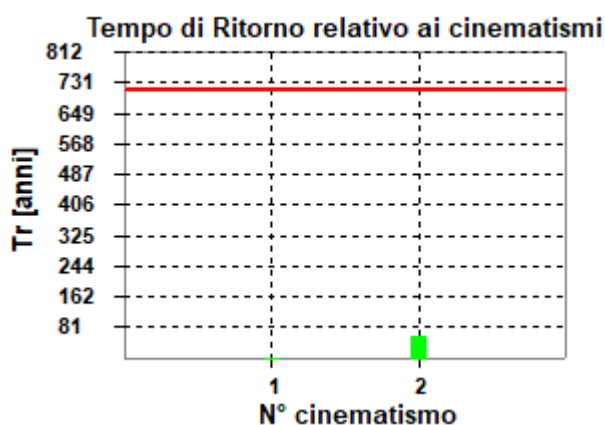


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV:	0,0786 [g]
Tempo di Ritorno TR_D allo SLV:	712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV:	0,0079 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV:	1 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	0,1008 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	0,0014 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV:	0,0786 [g]
Tempo di Ritorno TR_D allo SLV:	712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV:	0,0385 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV:	58 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	0,4901 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	0,0818 [-]

EDIFICIO BASSO – Parete Nord – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

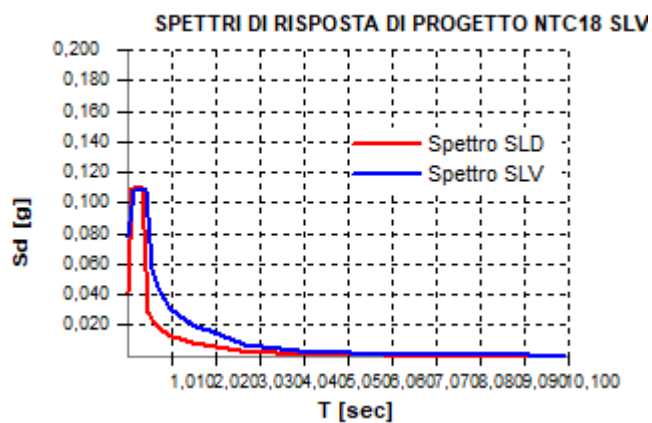


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

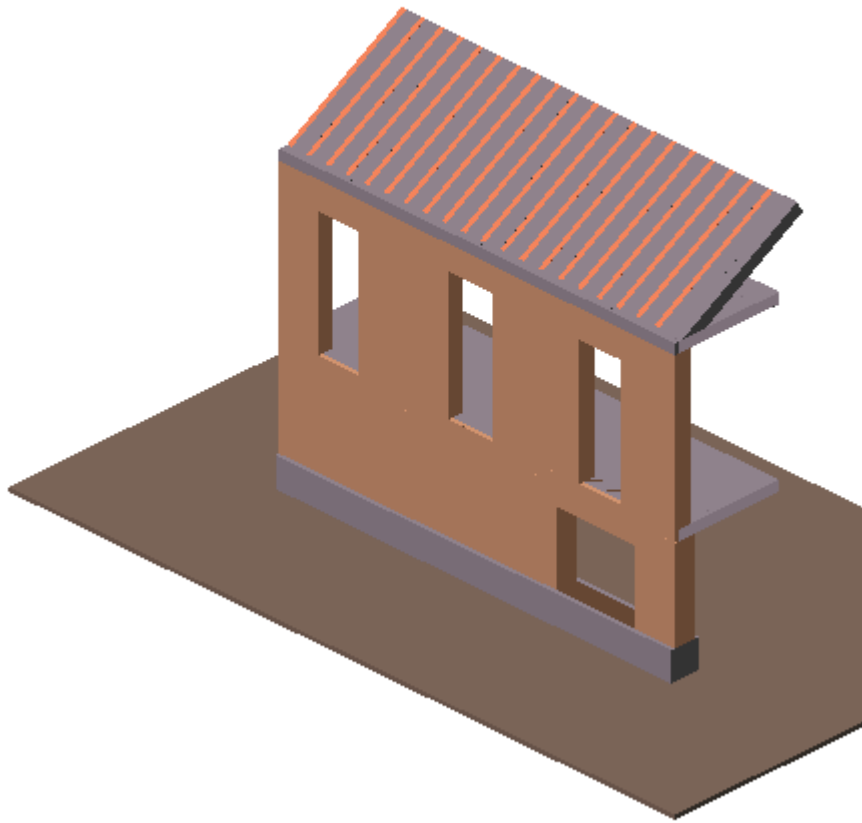


Figura: 2 - Modello 3D della parete

Prospetto Frontale

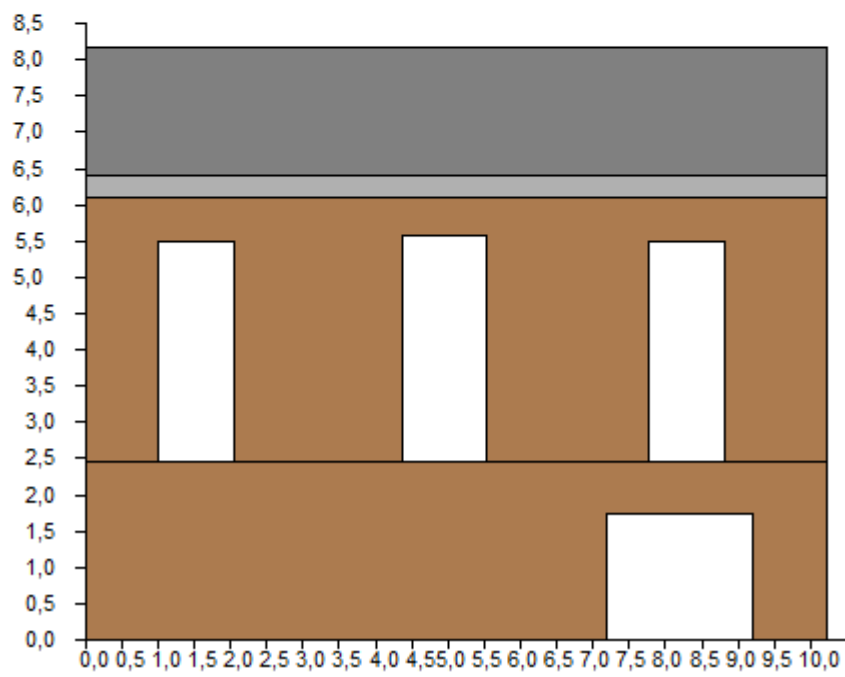


Figura: 3 - Prospetto della parete

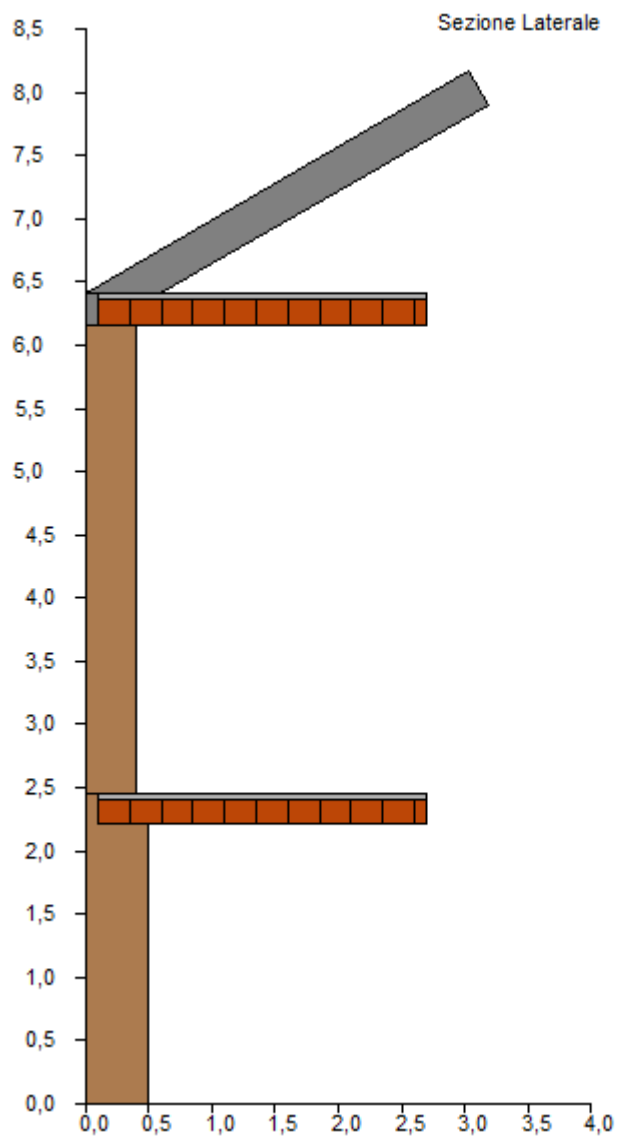


Figura: 4 - Sezione della parete

Parete Muraria n° 1

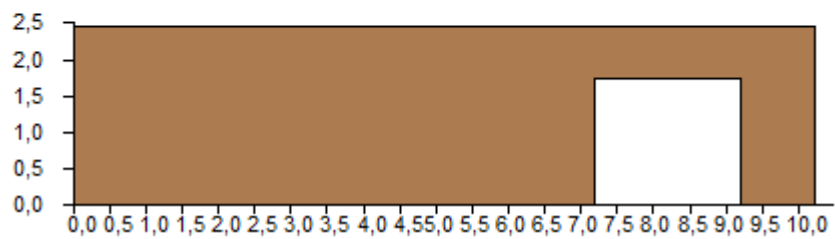


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	10,23 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	194,99 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Porta retro

Altezza dell'apertura:	1,75 [m]
Base dell'apertura:	2,00 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,19 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	3,00 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	3,25 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,25 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 2

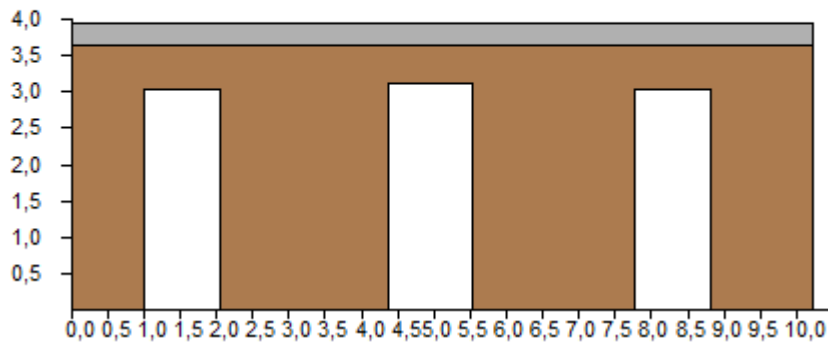


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	10,23 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	218,47 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,99 [m]

Apertura n° 2: porta ingresso 2

Altezza dell'apertura:	3,12 [m]
Base dell'apertura:	1,18 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	4,36 [m]

Apertura n° 3: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,76 [m]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G _{1k} carico permanente strutturale del solaio:	0,85 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,20 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,00 [-]
Q _k carico variabile del solaio:	0,50 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	1,05 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]

Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

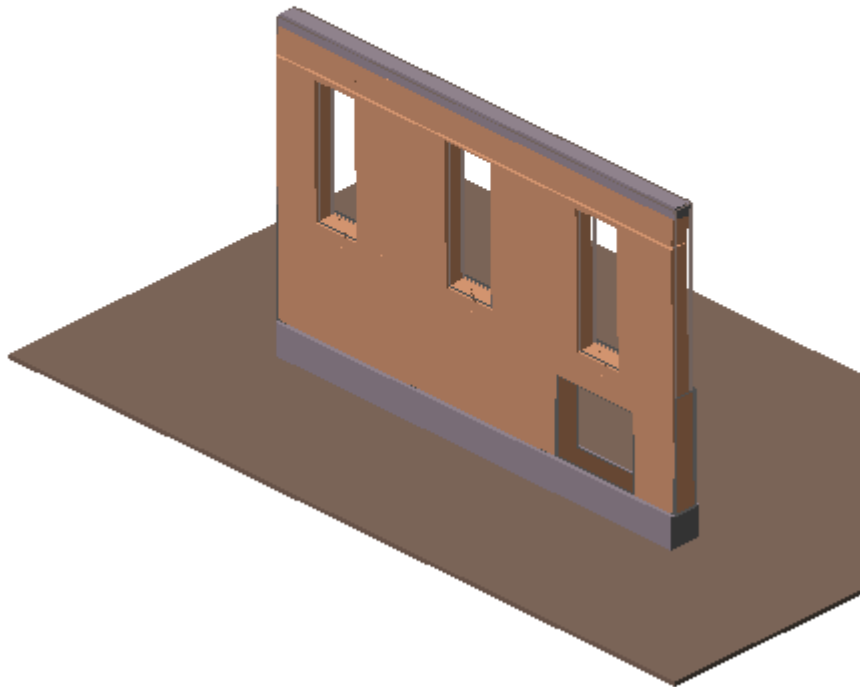
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,76 [kN/mq]
is : semi-lunghezza del solaio:	3,50 [m]
es : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°2:	7,55 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1288,780 [kN*m]
Momento Stabilizzante M_{st} :	246,146 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,191 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,132 [g]
Massa partecipante al cinematismo M^* :	50,759 [kN/g]
Frazione di massa partecipante della struttura e^* :	1,204 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,318 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON RICHiesto**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV ($a_{g,SLV} S$)/ q_{SLV} : 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 0,297 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

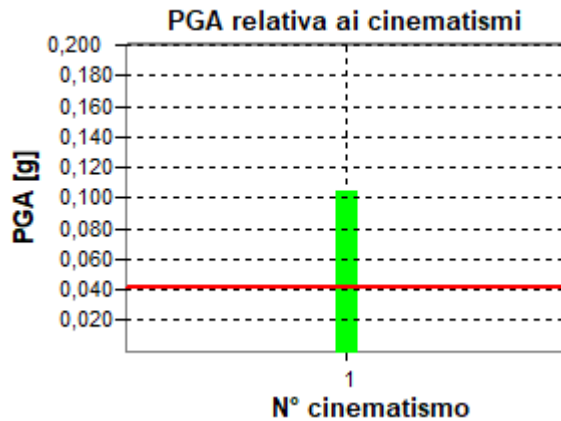


Figura: 7 - Confronto PGA SLD

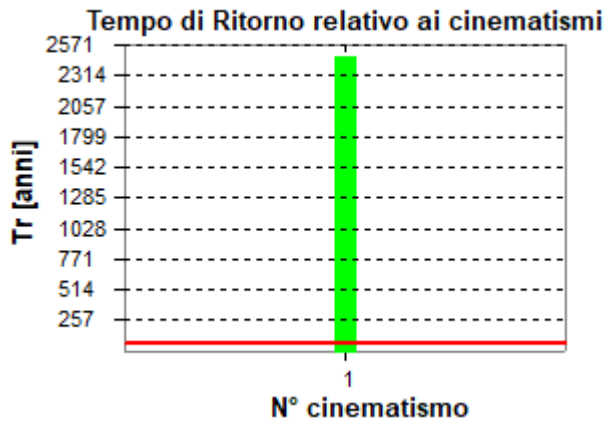


Figura: 8 - Confronto TR SLD

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 32,7545 [-]

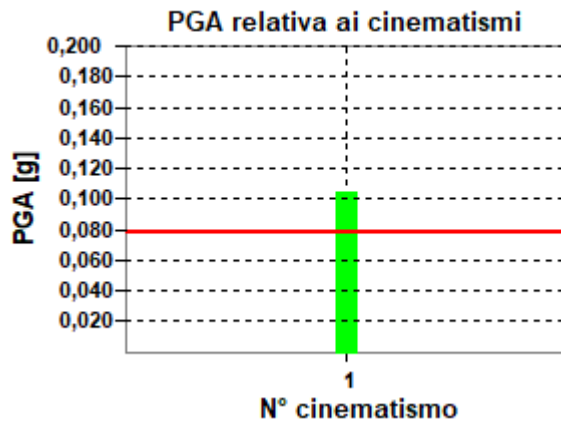


Figura: 9 - Confronto PGA SLV

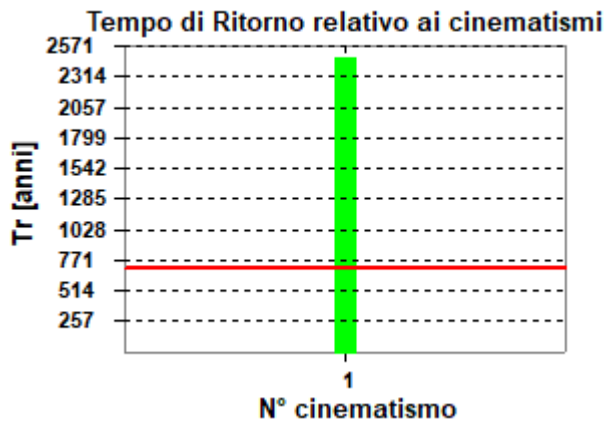


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
Tempo di Ritorno TR_D allo SLV: 712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

EDIFICIO BASSO – Parete Sud – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

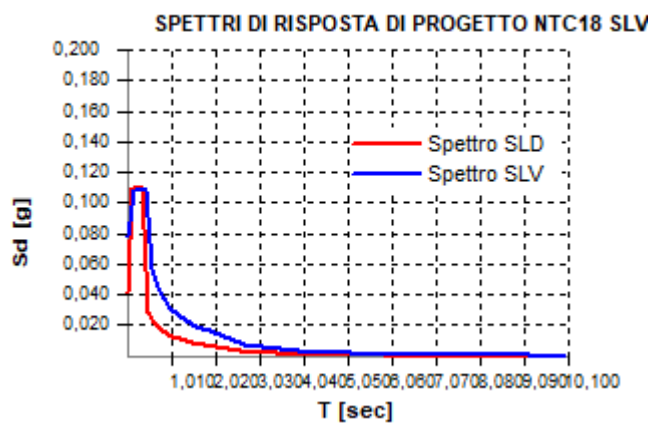


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

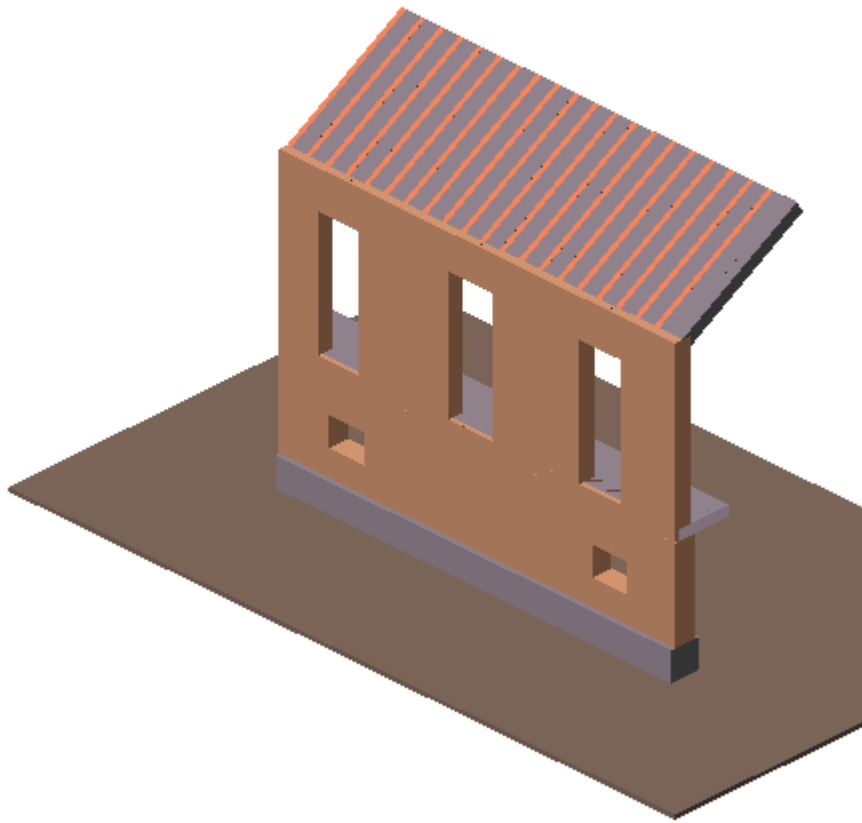


Figura: 2 - Modello 3D della parete

Prospetto Frontale

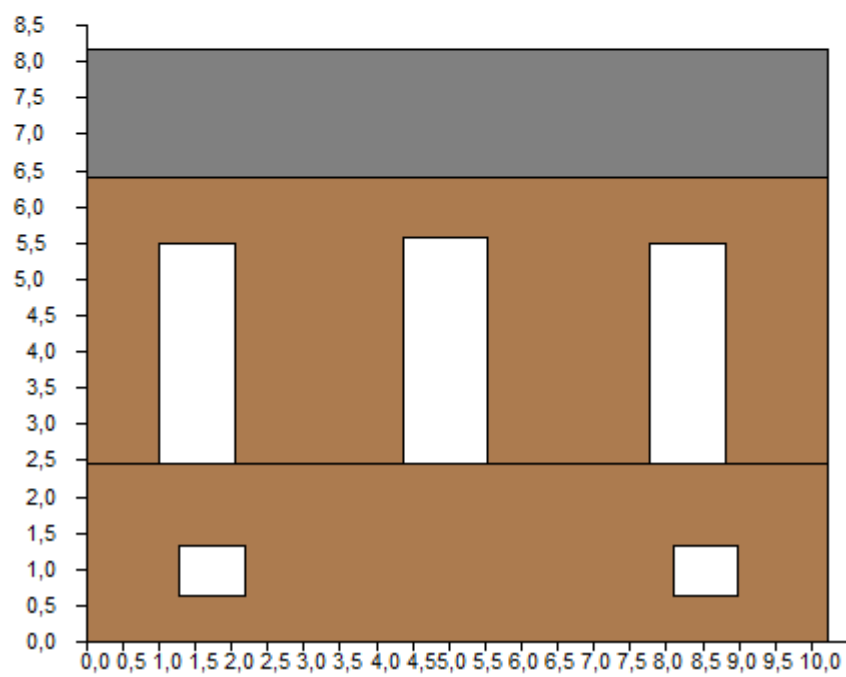


Figura: 3 - Prospetto della parete

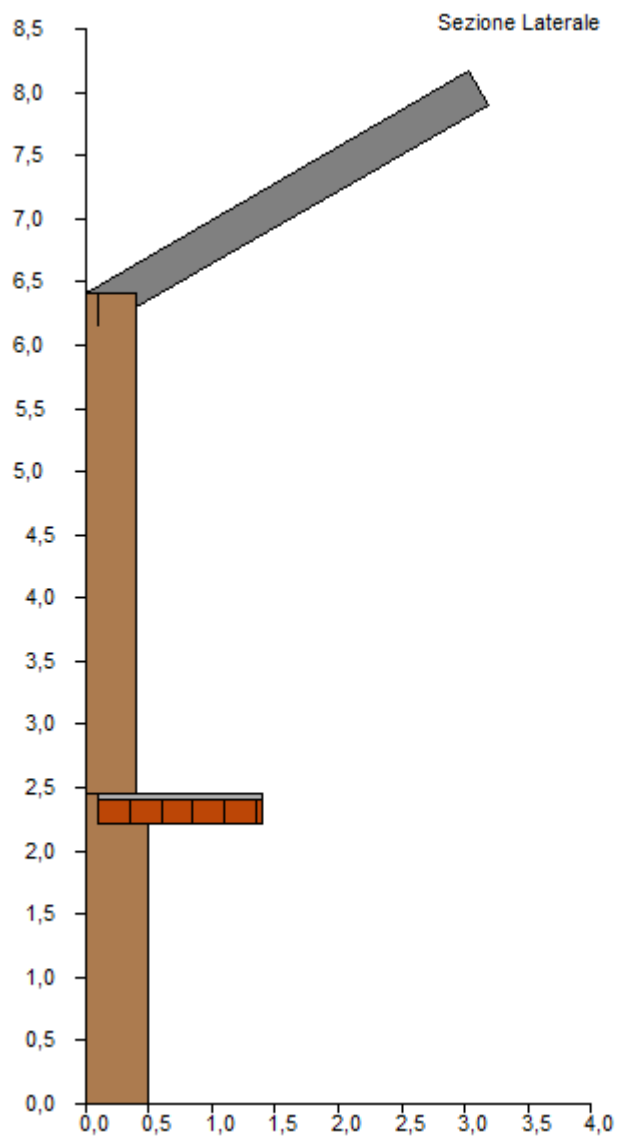


Figura: 4 - Sezione della parete

Parete Muraria n° 1

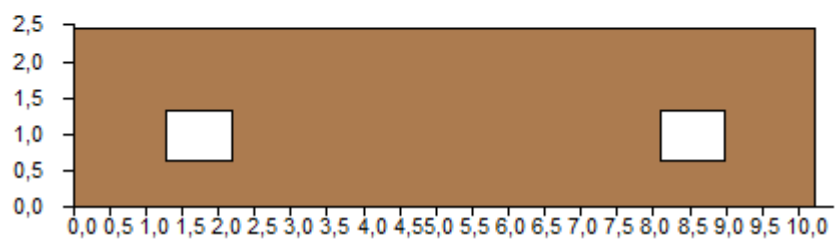


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	10,23 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	215,15 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: finestra apertura singola

Altezza dell'apertura:	0,70 [m]
Base dell'apertura:	0,90 [m]
Altezza inferiore dell'apertura:	0,63 [m]
Posizione dell'apertura:	1,28 [m]

Apertura n° 2: finestra apertura singola

Altezza dell'apertura:	0,70 [m]
Base dell'apertura:	0,90 [m]
Altezza inferiore dell'apertura:	0,63 [m]
Posizione dell'apertura:	8,09 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G_{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
i_s : semi-lunghezza del solaio:	1,30 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	3,35 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 2

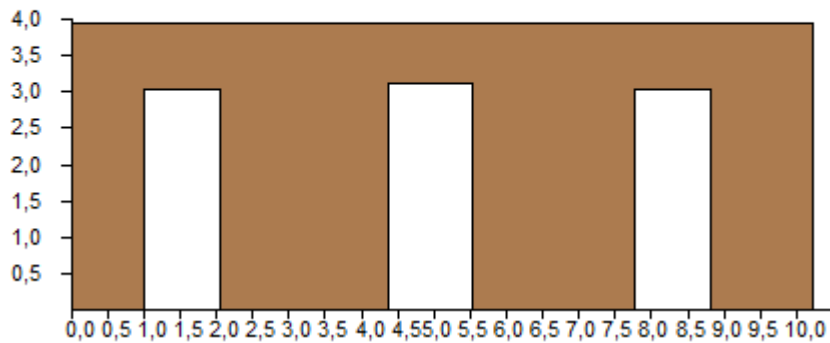


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	10,23 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	218,47 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,99 [m]

Apertura n° 2: porta ingresso 2

Altezza dell'apertura:	3,12 [m]
Base dell'apertura:	1,18 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	4,36 [m]

Apertura n° 3: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,76 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

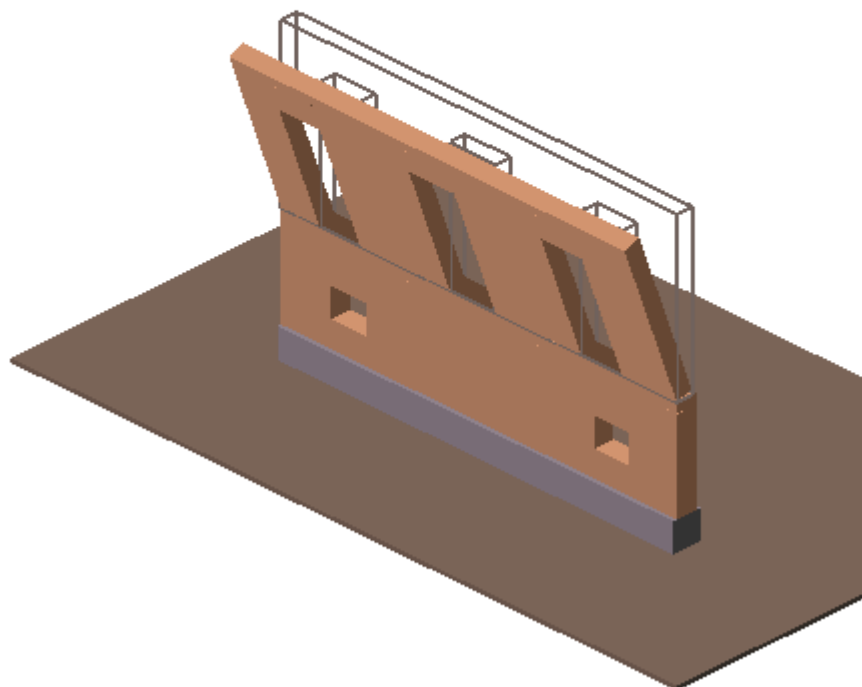
Descrizione Tipologia di Solaio:

Copertura Neve

G _{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,00 [-]
Q _k carico variabile del solaio:	1,26 [kN/mq]
i _s : semi-lunghezza del solaio:	3,50 [m]
e _s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	555,320 [kN*m]
Momento Stabilizzante M_{st} :	0,928 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,002 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,001 [g]
Massa partecipante al cinematismo M^* :	23,364 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,948 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	28,576 [-]
Fattore di verifica in elevazione allo SLD:	34,638 [-]

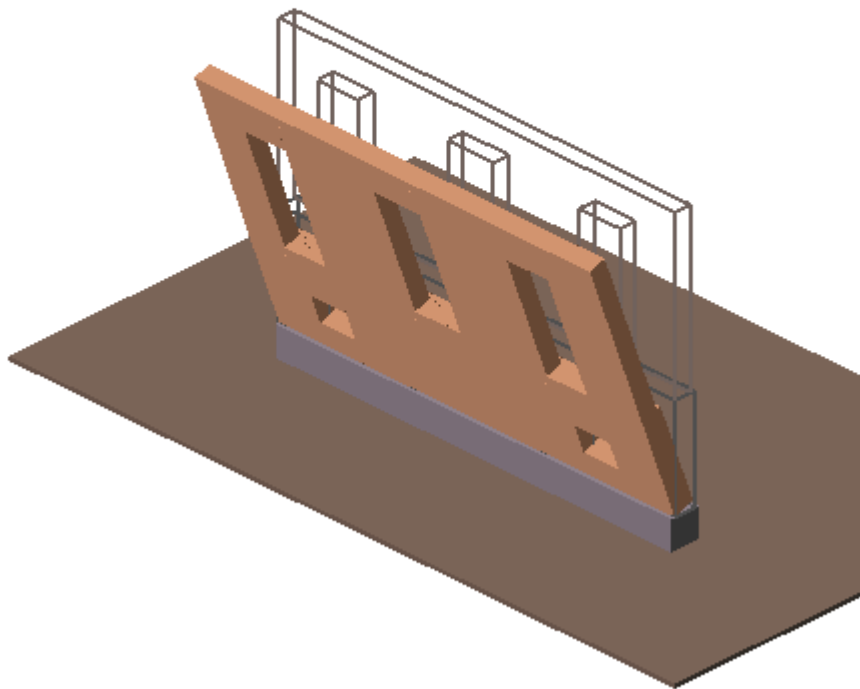
Esito verifica meccanismo a quota zero allo SLD:	NON VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	26,739 [-]
Fattore di verifica in elevazione allo SLV:	34,243 [-]

Esito verifica meccanismo a quota zero allo SLV:	NON VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1527,075 [kN*m]
Momento Stabilizzante M_{st} :	30,725 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,020 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,022 [g]
Massa partecipante al cinematismo M^* :	38,711 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,757 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	1,896 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
Accelerazione di riferimento al suolo allo SLV ($a_{g,SLV} S$)/ q_{SLV} : 0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
Fattore di verifica a quota zero allo SLV: 1,774 [-]
Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

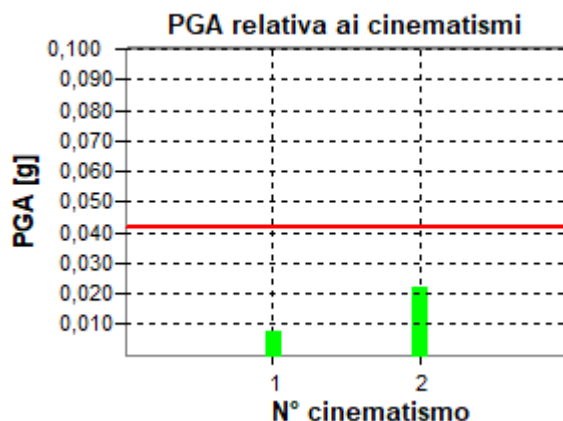


Figura: 7 - Confronto PGA SLD

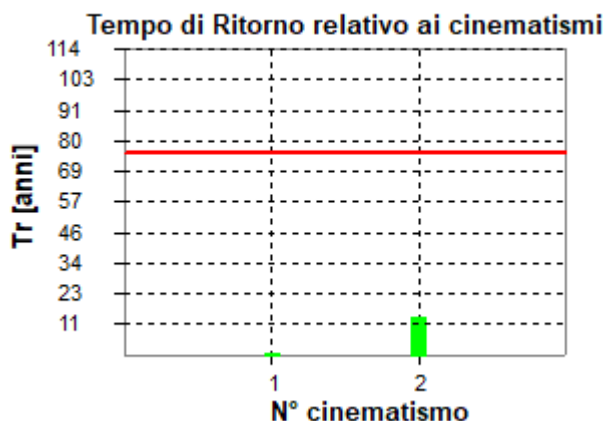


Figura: 8 - Confronto TR SLD

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
Tempo di Ritorno TR_D allo SLD: 75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0079 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 1 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,1886 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 0,0133 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
Tempo di Ritorno TR_D allo SLD: 75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0222 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 14 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5286 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 0,1902 [-]

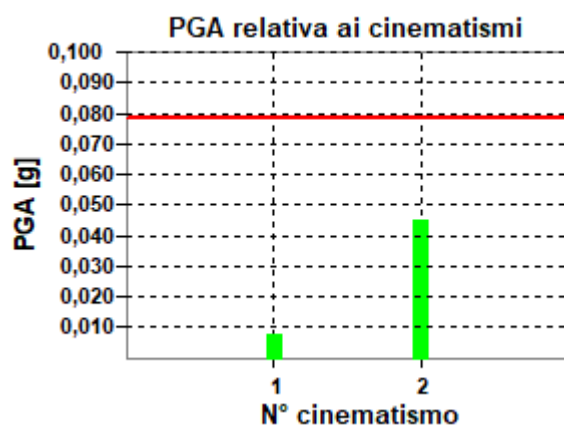


Figura: 9 - Confronto PGA SLV

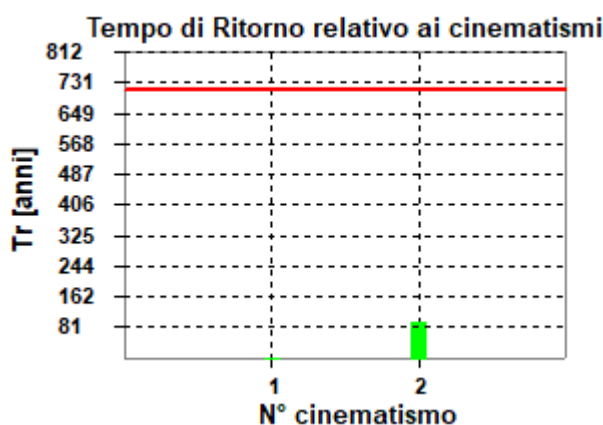


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV:	0,0786 [g]
Tempo di Ritorno TR_D allo SLV:	712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV:	0,0079 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV:	1 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	0,1008 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	0,0014 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV:	0,0786 [g]
Tempo di Ritorno TR_D allo SLV:	712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV:	0,0449 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV:	93 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	0,5710 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	0,1308 [-]

EDIFICIO BASSO – Parete Sud – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

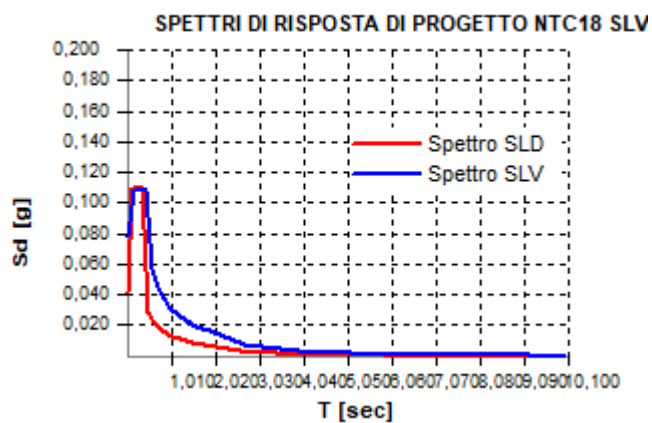


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

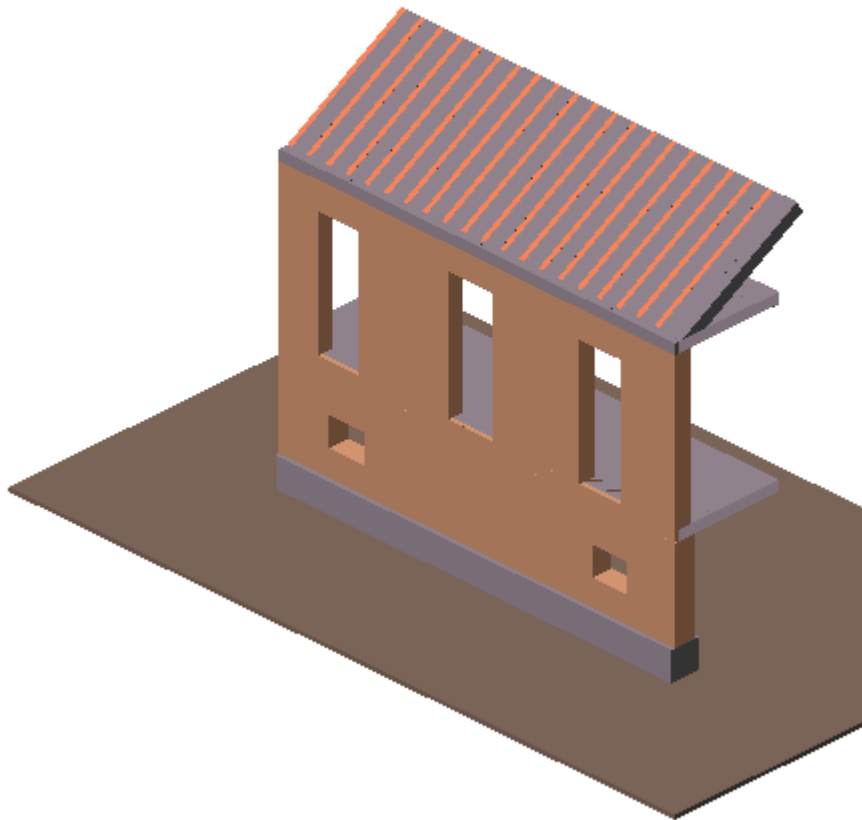


Figura: 2 - Modello 3D della parete

Prospetto Frontale

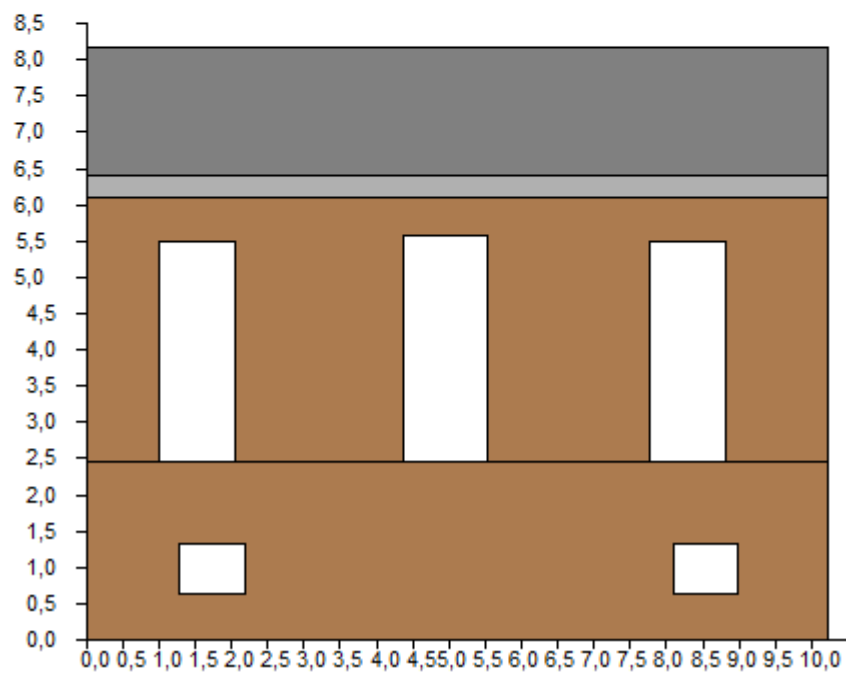


Figura: 3 - Prospetto della parete

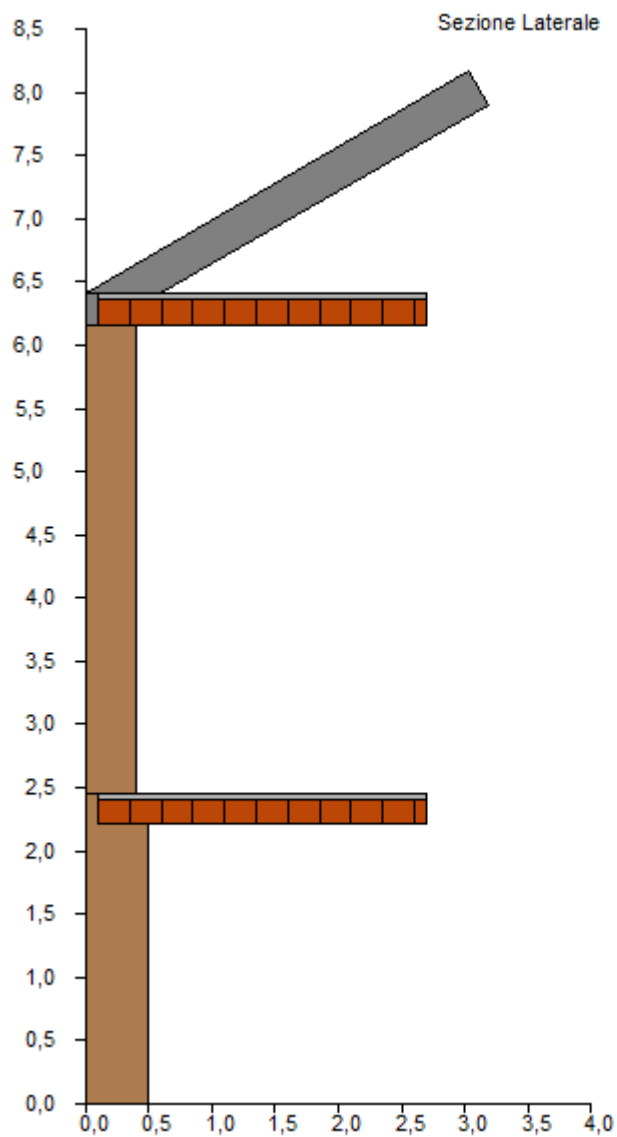


Figura: 4 - Sezione della parete

Parete Muraria n° 1

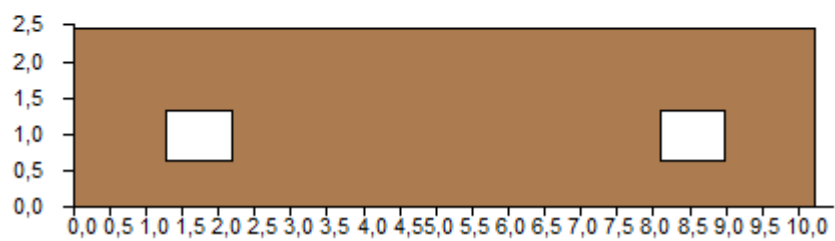


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	10,23 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	215,15 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: finestra apertura singola

Altezza dell'apertura:	0,70 [m]
Base dell'apertura:	0,90 [m]
Altezza inferiore dell'apertura:	0,63 [m]
Posizione dell'apertura:	1,28 [m]

Apertura n° 2: finestra apertura singola

Altezza dell'apertura:	0,70 [m]
Base dell'apertura:	0,90 [m]
Altezza inferiore dell'apertura:	0,63 [m]
Posizione dell'apertura:	8,09 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	3,00 [kN/mq]
i_s : semi-lunghezza del solaio:	2,60 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	3,25 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,25 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 2

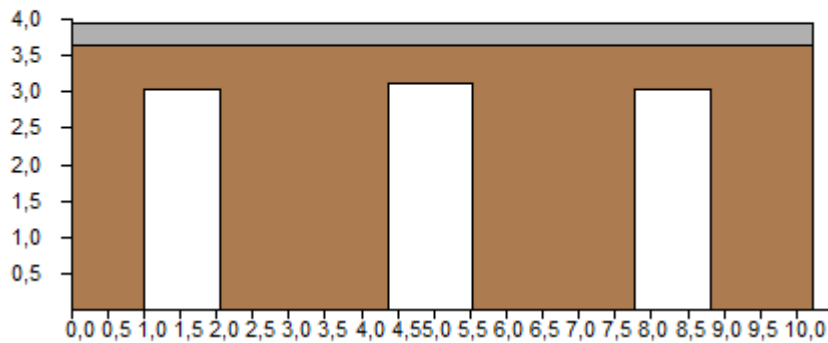


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	10,23 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	218,47 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	0,99 [m]

Apertura n° 2: porta ingresso 2

Altezza dell'apertura:	3,12 [m]
Base dell'apertura:	1,18 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	4,36 [m]

Apertura n° 3: porta ingresso

Altezza dell'apertura:	3,04 [m]
Base dell'apertura:	1,05 [m]
Altezza inferiore dell'apertura:	0,00 [m]
Posizione dell'apertura:	7,76 [m]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G _{1k} carico permanente strutturale del solaio:	0,85 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,20 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,00 [-]
Q _k carico variabile del solaio:	0,50 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	1,05 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]

Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

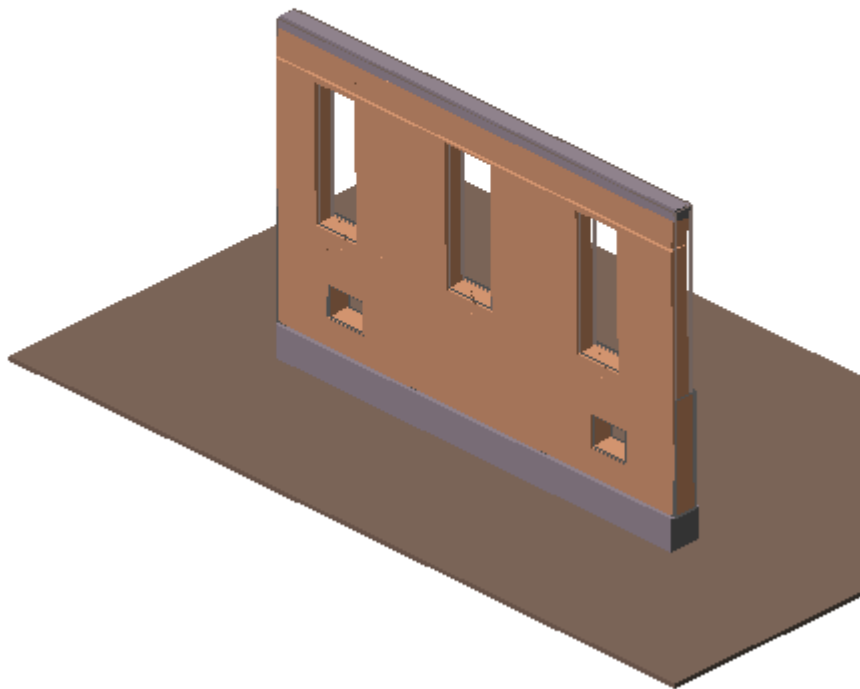
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,76 [kN/mq]
is : semi-lunghezza del solaio:	3,50 [m]
es : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°2:	7,55 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	1305,229 [kN*m]
Momento Stabilizzante M_{st} :	250,160 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,192 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,134 [g]
Massa partecipante al cinematismo M^* :	52,885 [kN/g]
Frazione di massa partecipante della struttura e^* :	1,196 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,314 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV ($a_{g,SLV} S$)/ q_{SLV} : 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 0,294 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

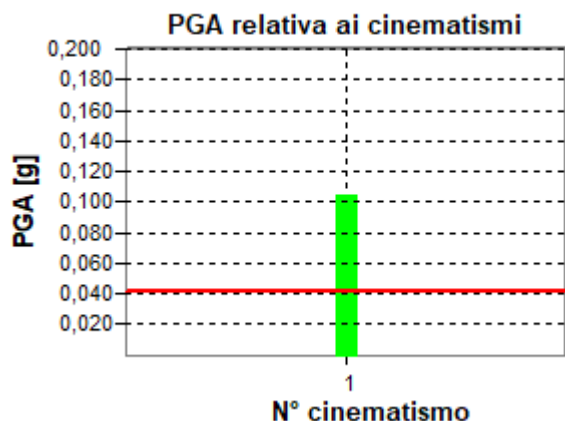


Figura: 7 - Confronto PGA SLD

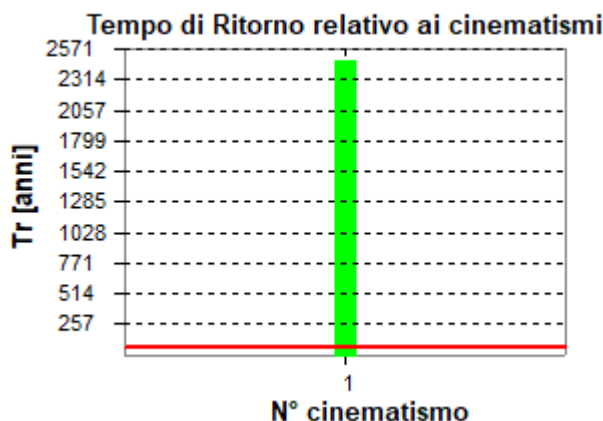


Figura: 8 - Confronto TR SLD

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 32,7545 [-]

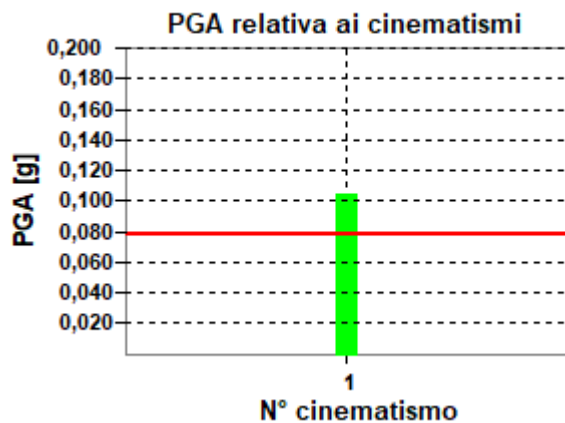


Figura: 9 - Confronto PGA SLV

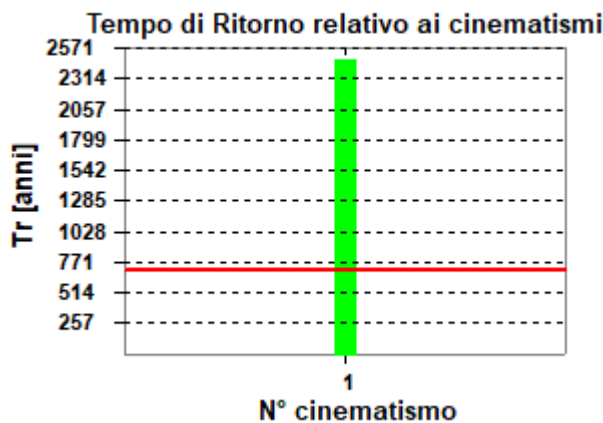


Figura: 10 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
Tempo di Ritorno TR_D allo SLV: 712 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 3,4708 [-]

TORRE – Parete Est – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

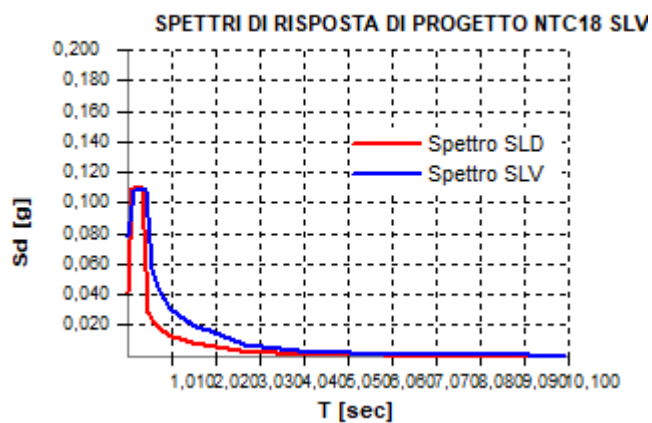


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

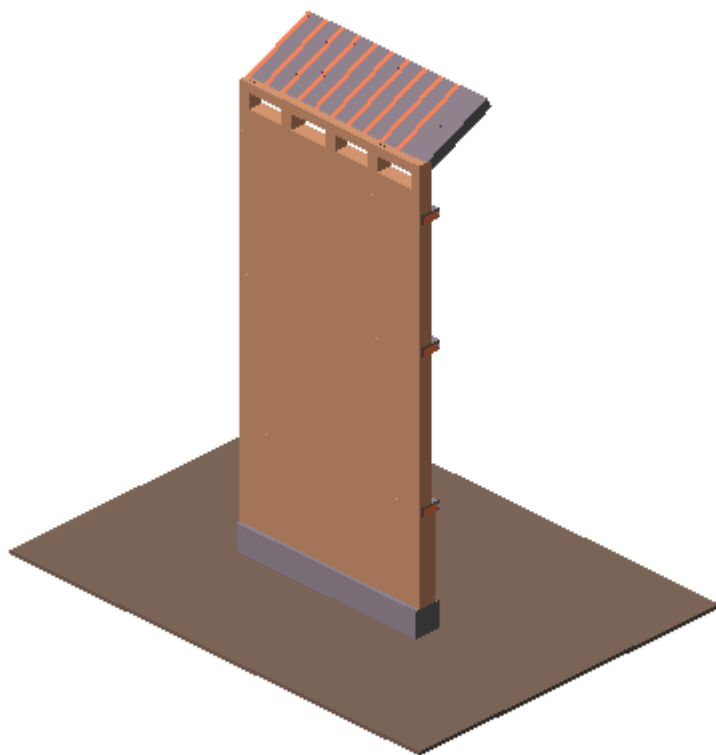


Figura: 2 - Modello 3D della parete

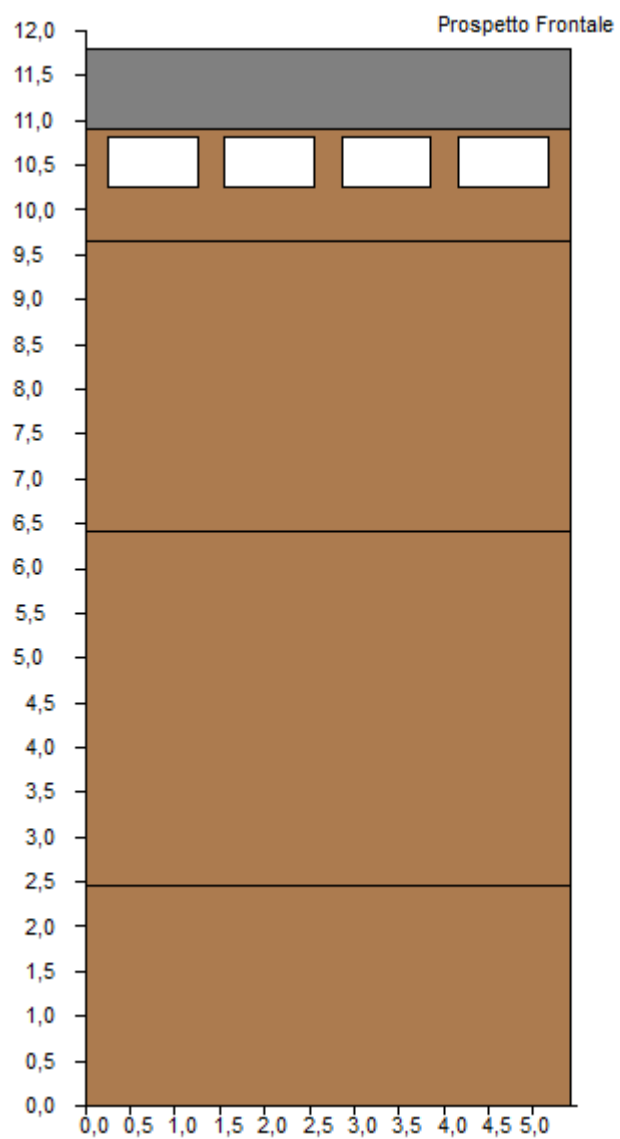


Figura: 3 - Prospetto della parete

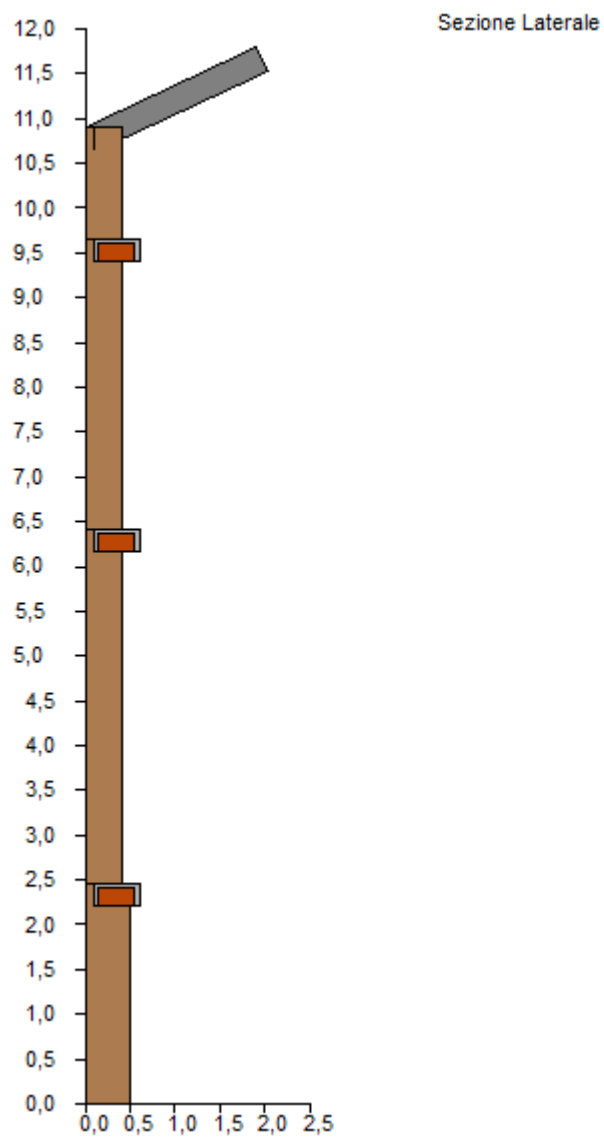


Figura: 4 - Sezione della parete

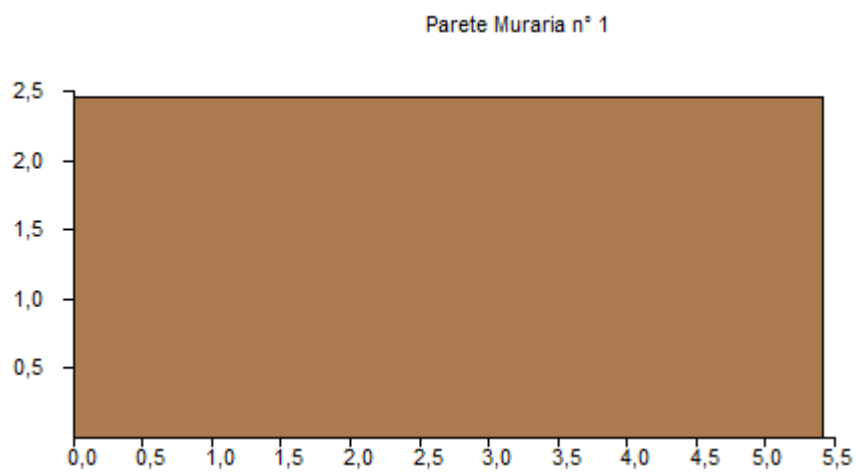


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	120,00 [kN]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
q ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	0,50 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

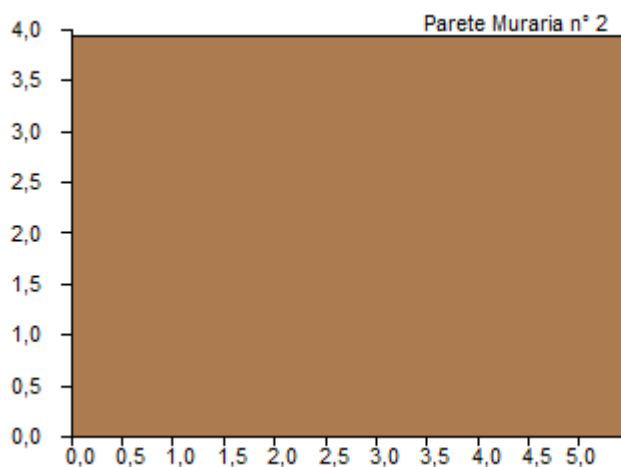


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	154,14 [kN]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:.....	0,30 [-]
Q _k carico variabile del solaio:	3,00 [kN/mq]
is: semi-lunghezza del solaio:	0,50 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

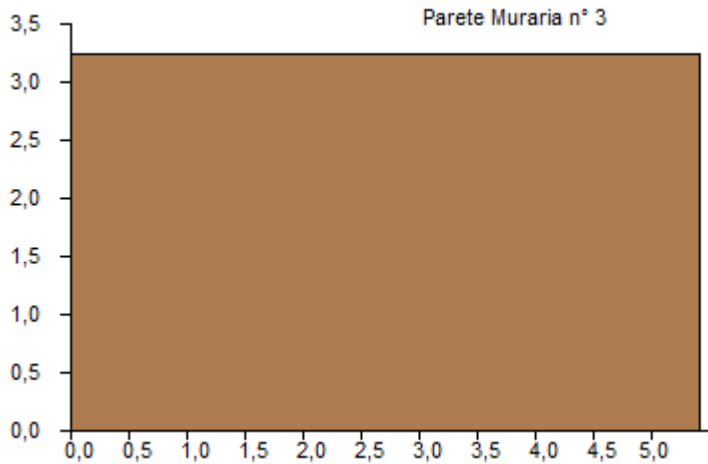


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3:	3,25 [m]
Larghezza della parete n° 3:	5,42 [m]
Spessore della parete n° 3:	0,40 [m]
Rientro della parete n° 3:	0,00 [m]
Peso della parete n° 3:	126,83 [kN]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]

ϕ_2 coefficiente carico variabile del solaio:.....	0,30 [-]
Q_k carico variabile del solaio:	3,00 [kN/mq]
i_s : semi-lunghezza del solaio:	0,50 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

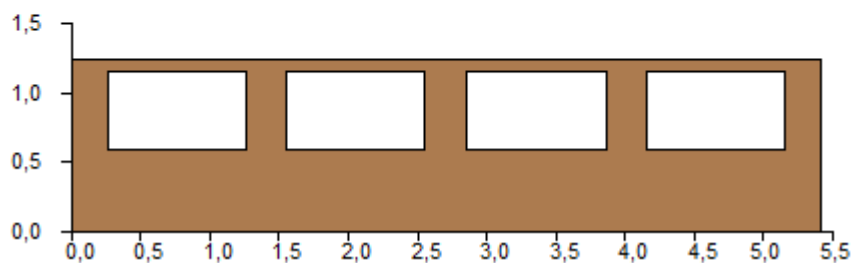


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]
Caratteristiche delle Aperture:	
Apertura n° 1: Apertura sottotetto	
Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

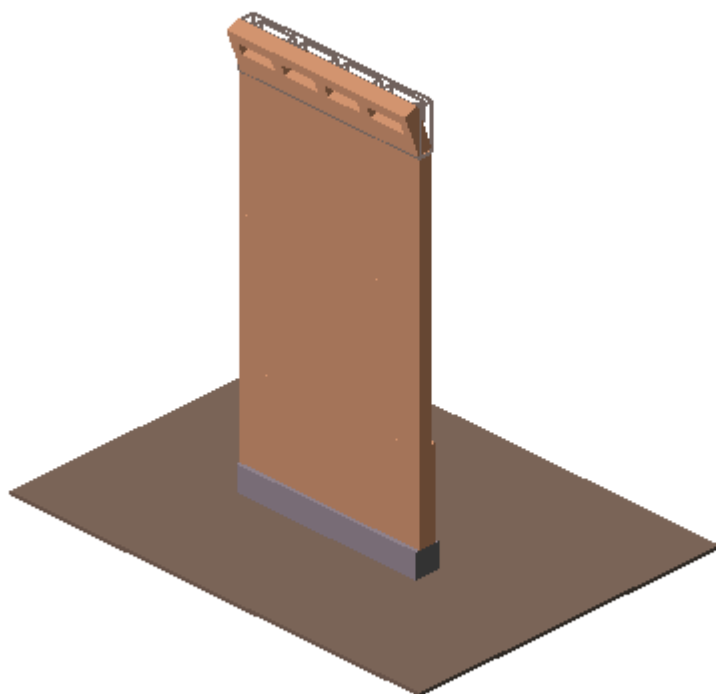
Descrizione Tipologia di Solaio:

Copertura Neve

G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
l_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	9,66 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	1,507 [-]
Momento Ribaltante M_{rib} :	25,875 [kN*m]
Momento Stabilizzante M_{st} :	4,743 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,183 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,184 [g]
Massa partecipante al cinematismo M^* :	3,422 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,832 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,229 [-]
Fattore di verifica in elevazione allo SLD:	1,089 [-]

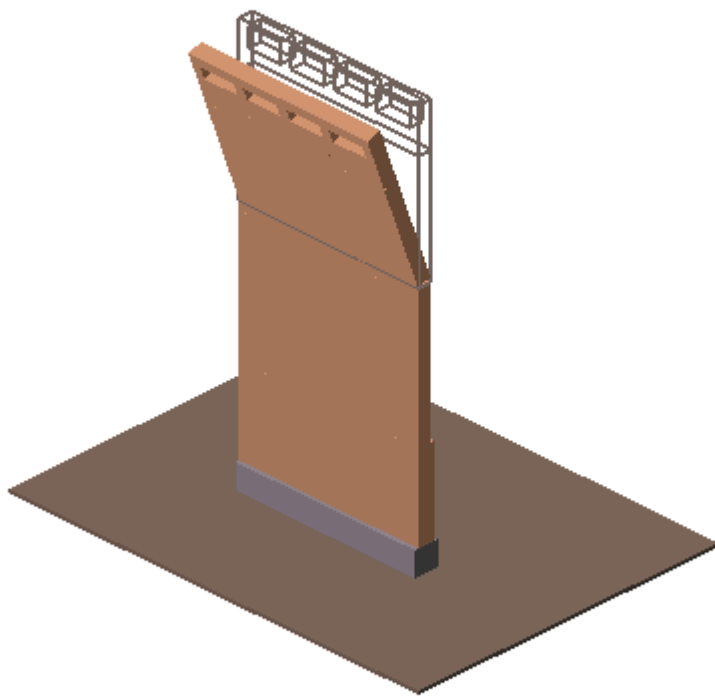
Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,214 [-]
Fattore di verifica in elevazione allo SLV:	1,076 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	6,41 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	1,000 [-]
Momento Ribaltante M_{rib} :	395,218 [kN*m]
Momento Stabilizzante M_{st} :	18,614 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,047 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* :	0,047 [g]
Massa partecipante al cinematiso M^* :	15,118 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,837 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,133 [g]
Fattore di verifica a quota zero allo SLD:	0,896 [-]
Fattore di verifica in elevazione allo SLD:	2,830 [-]

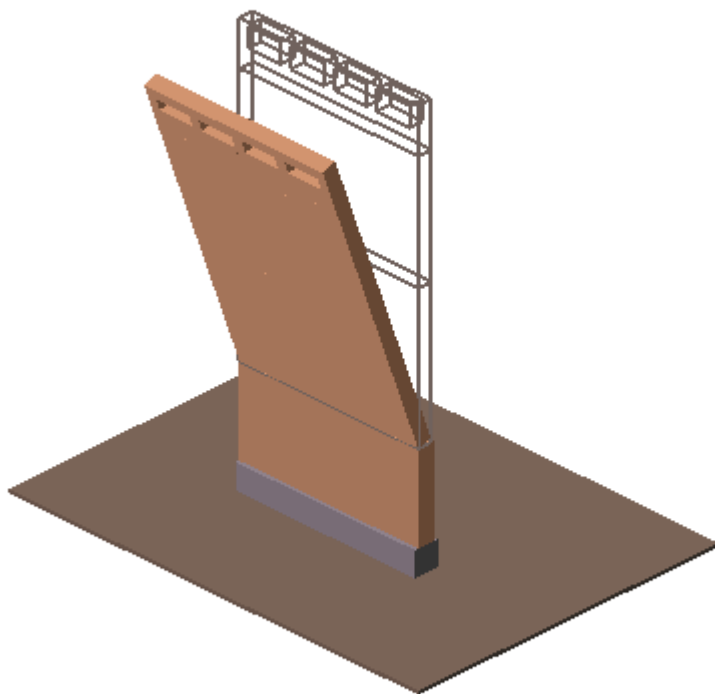
Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,131 [g]
Fattore di verifica a quota zero allo SLV:	0,838 [-]
Fattore di verifica in elevazione allo SLV:	2,798 [-]

Esito verifica meccanismo a quota zero allo SLV:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematiso n° 3: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	1438,103 [kN*m]
Momento Stabilizzante M_{st} :	31,766 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,022 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,023 [g]
Massa partecipante al cinematismo M^* :	27,412 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,788 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	1,798 [-]
Fattore di verifica in elevazione allo SLD:	2,180 [-]

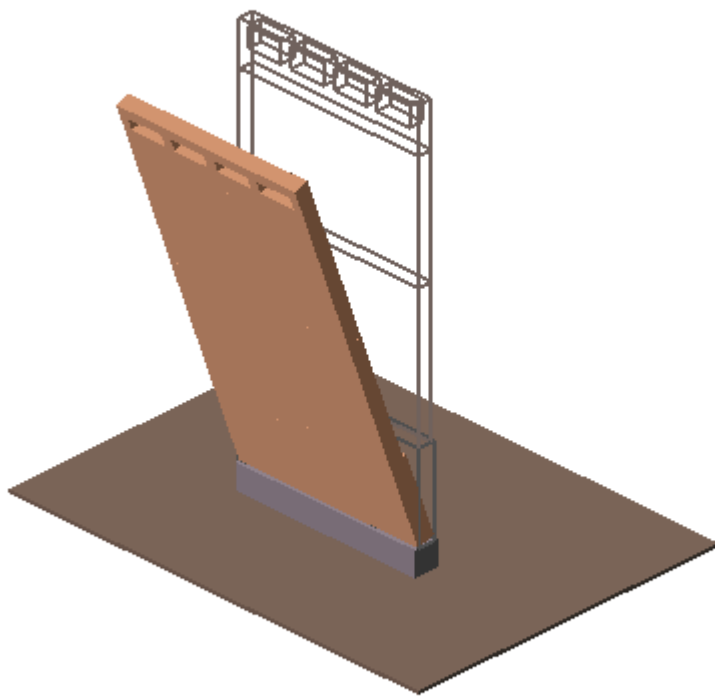
Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON VERIFICATO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	1,682 [-]
Fattore di verifica in elevazione allo SLV:	2,155 [-]

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: **NON VERIFICATO**

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	2447,126 [kN*m]
Momento Stabilizzante M_{st} :	46,939 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,019 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* : 0,021 [g]
 Massa partecipante al cinematiso M^* : 35,775 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,746 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: Non Richiesto
 Fattore di verifica a quota zero allo SLD: 1,961 [-]
 Fattore di verifica in elevazione allo SLD: Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 1,834 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

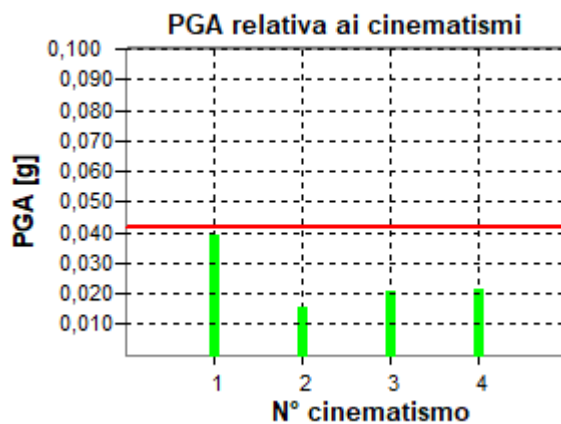


Figura 9 - Confronto PGA SLD

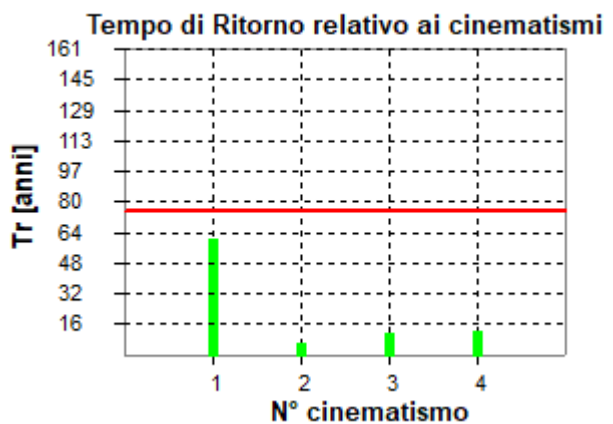


Figura 10 - Confronto TR SLD

Cinematiso n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0390 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 61 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9286 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 0,8071 [-]

Cinematiso n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0160 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 6 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,3800 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0813 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0206 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 12 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4914 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1555 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0215 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 13 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5114 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1723 [-]

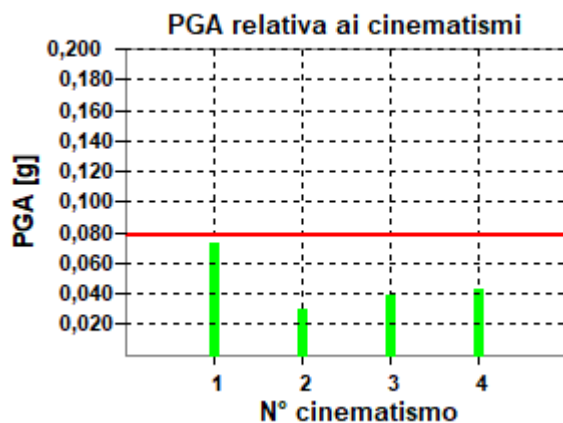


Figura: 11 - Confronto PGA SLV

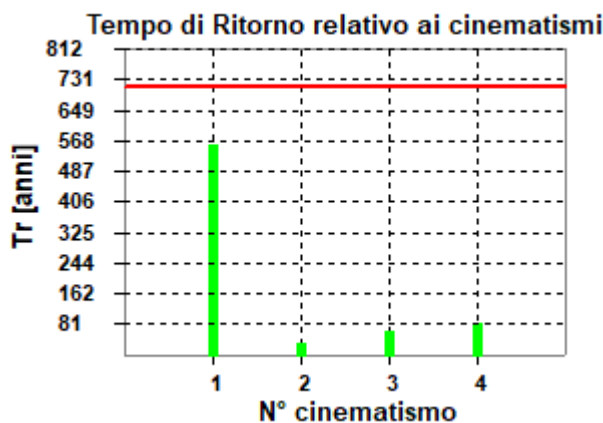


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0738 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 555 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9389 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,7803 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0306 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 33 [anni]

Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,3893 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0462 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0394 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 62 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5008 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0871 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0433 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 83 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5511 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1166 [-]

TORRE – Parete Est – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

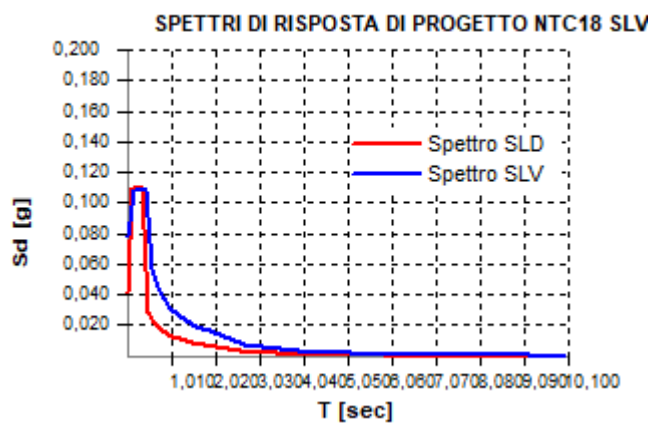


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

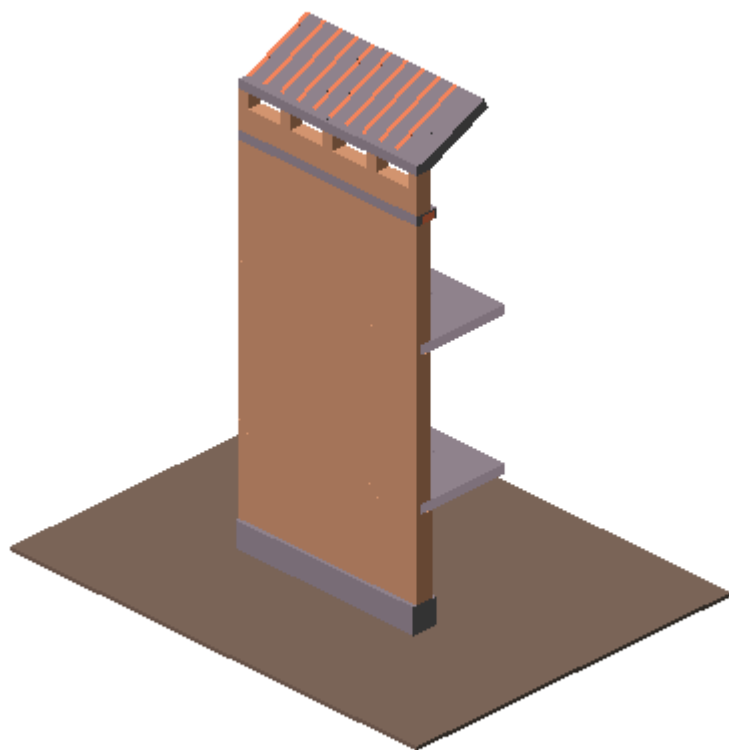


Figura: 2 - Modello 3D della parete

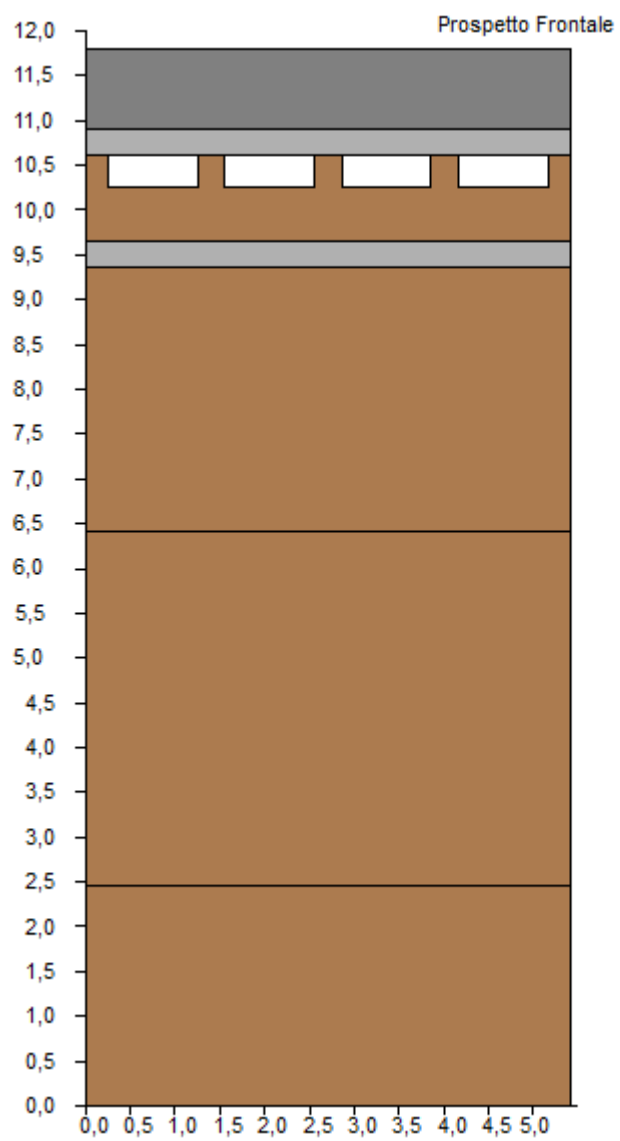


Figura: 3 - Prospetto della parete

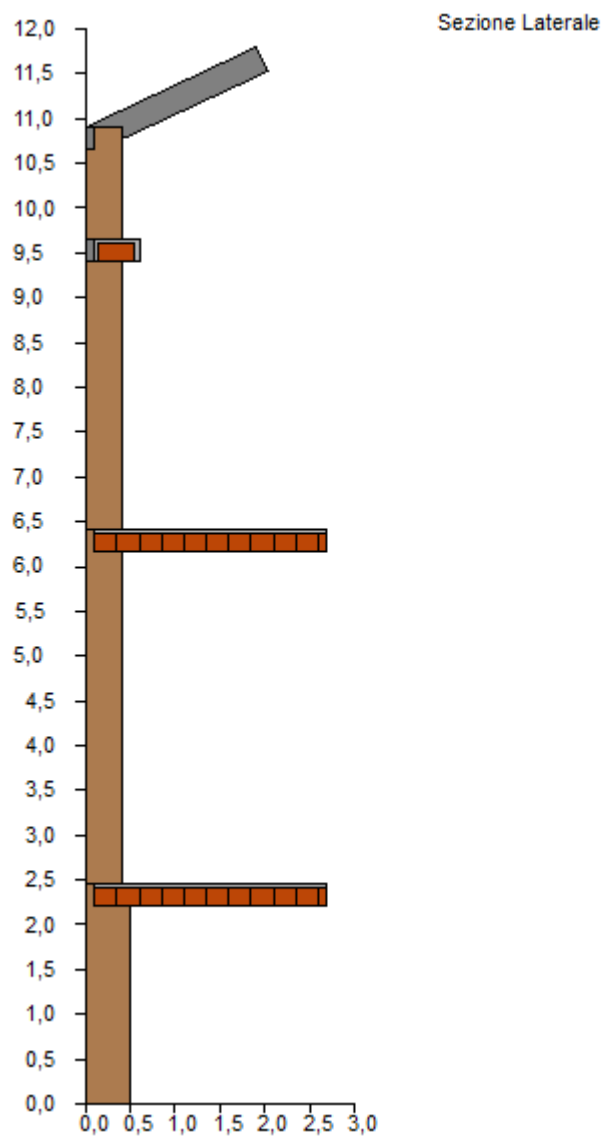


Figura: 4 - Sezione della parete

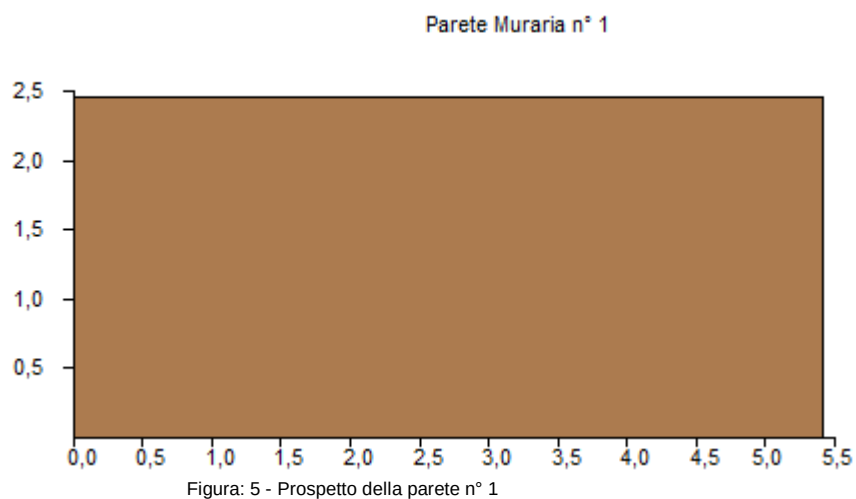


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	120,00 [kN]

Descrizione Tipologia di Solaio:

Solaio piano primo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	2,95 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

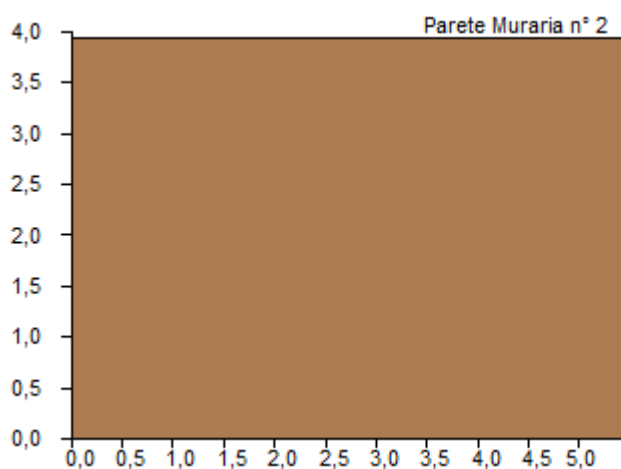


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	154,14 [kN]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G _{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:.....	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	2,95 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

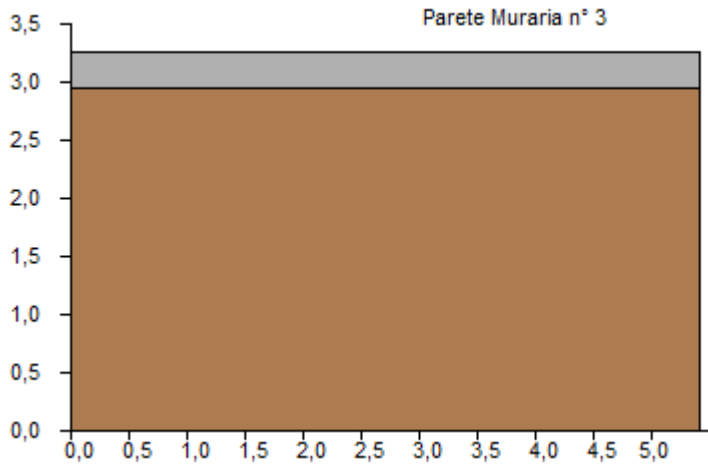


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3:	3,25 [m]
Larghezza della parete n° 3:	5,42 [m]
Spessore della parete n° 3:	0,40 [m]
Rientro della parete n° 3:	0,00 [m]
Peso della parete n° 3:	126,83 [kN]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G _{1k} carico permanente strutturale del solaio:	0,85 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,20 [kN/mq]

ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	0,50 [kN/mq]
i_s : semi-lunghezza del solaio:	0,50 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

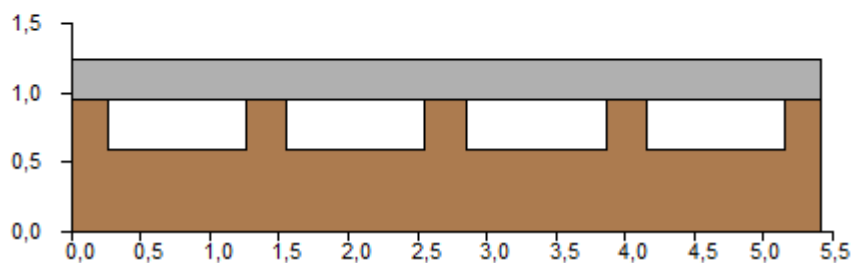


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]
Caratteristiche delle Aperture:	
Apertura n° 1: Apertura sottotetto	
Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

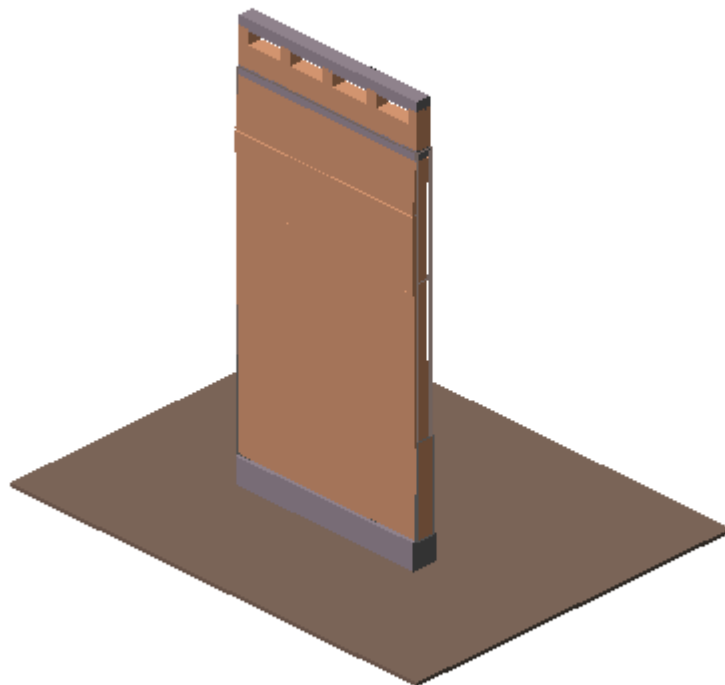
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
l_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°3:	8,88 [kN]
Reazione cordolo/vincolo della parete n°4:	0,29 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1944,592 [kN*m]
Momento Stabilizzante M_{st} :	198,862 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,102 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,074 [g]
Massa partecipante al cinematismo M^* :	47,039 [kN/g]
Frazione di massa partecipante della struttura e^* :	1,150 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,567 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

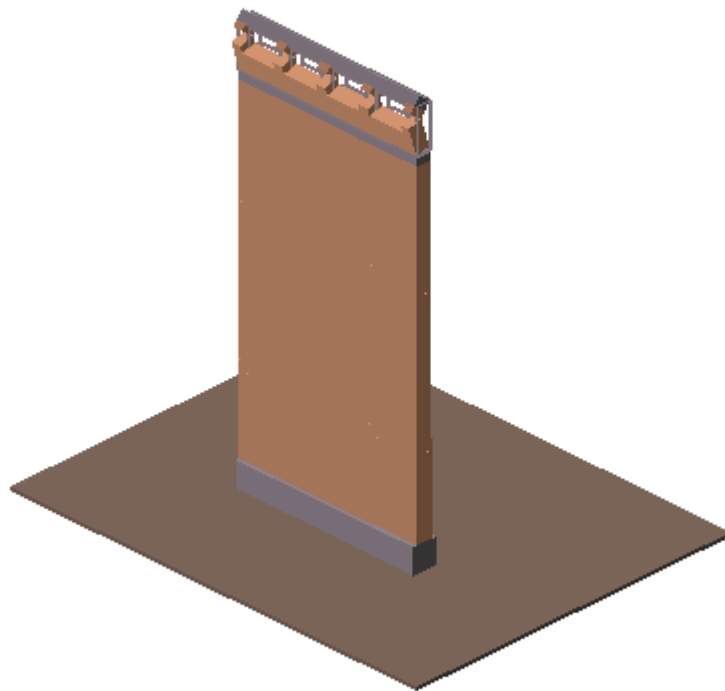
Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 0,531 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata



Quota di attivazione del cinematismo: 0,00 [m]
 Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 1,507 [-]
 Momento Ribaltante M_{rib} : 10,607 [kN*m]

Momento Stabilizzante M_{st} :	15,563 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	1,467 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	1,228 [g]
Massa partecipante al cinematismo M^* :	3,344 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,996 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,034 [-]
Fattore di verifica in elevazione allo SLD:	0,163 [-]

Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,032 [-]
Fattore di verifica in elevazione allo SLV:	0,161 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: VERIFICATO

Confronto PGA in sito e PGA meccanismi di collasso locali

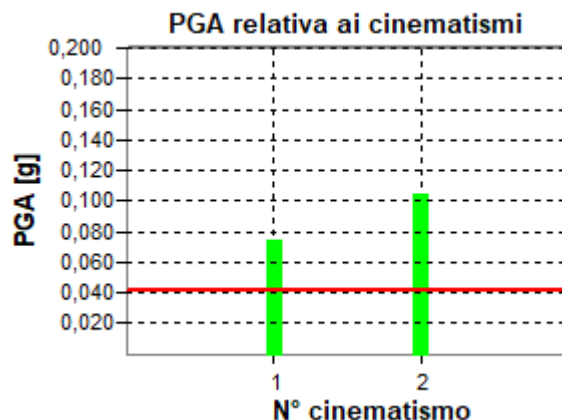


Figura 9 - Confronto PGA SLD

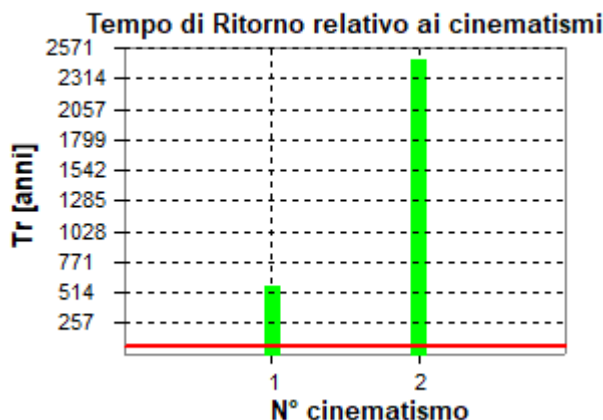


Figura 10 - Confronto TR SLD

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD:	0,0420 [g]
Tempo di Ritorno TR_D allo SLD:	75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD:	0,0744 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD:	570 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	1,7714 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$:	7,5580 [-]

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 32,7545 [-]

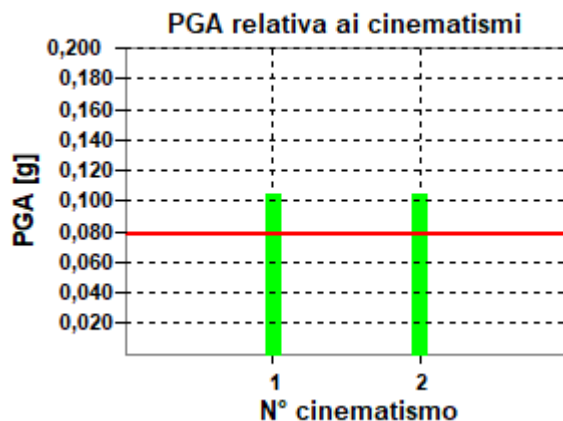


Figura: 11 - Confronto PGA SLV

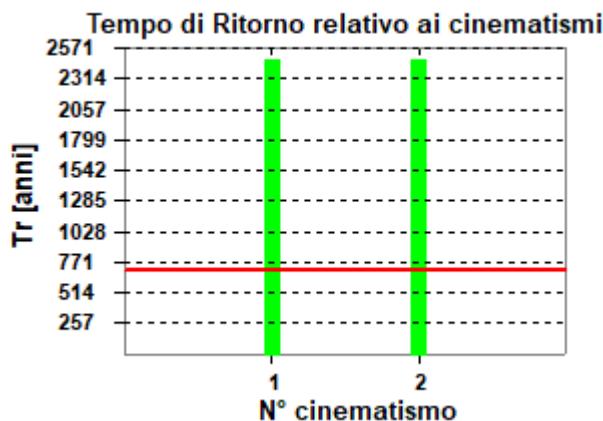


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

TORRE – Parete Nord – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

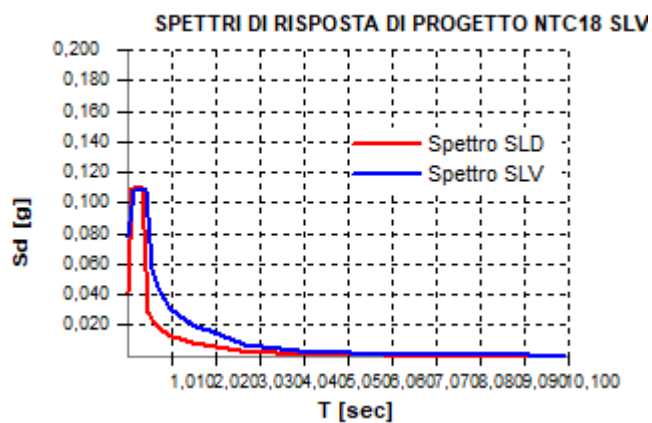


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

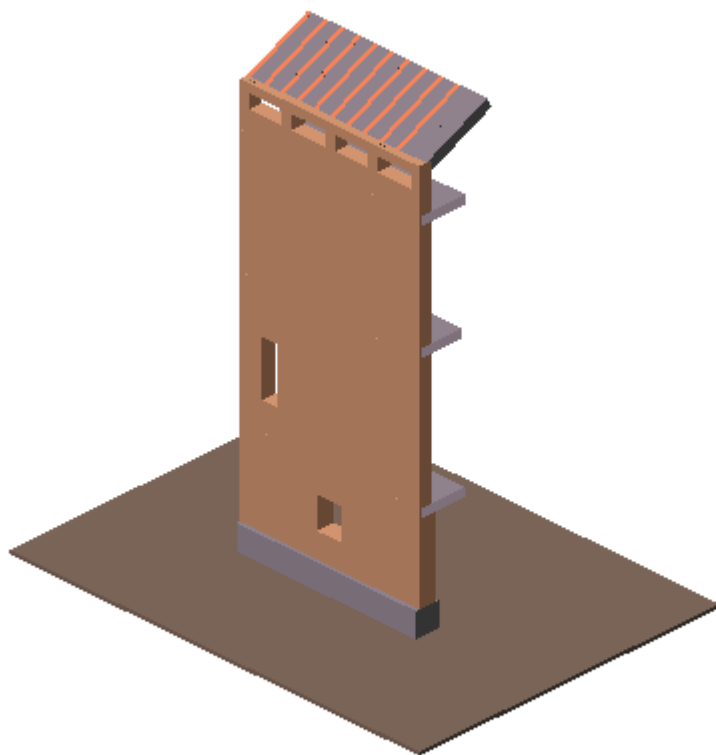


Figura: 2 - Modello 3D della parete

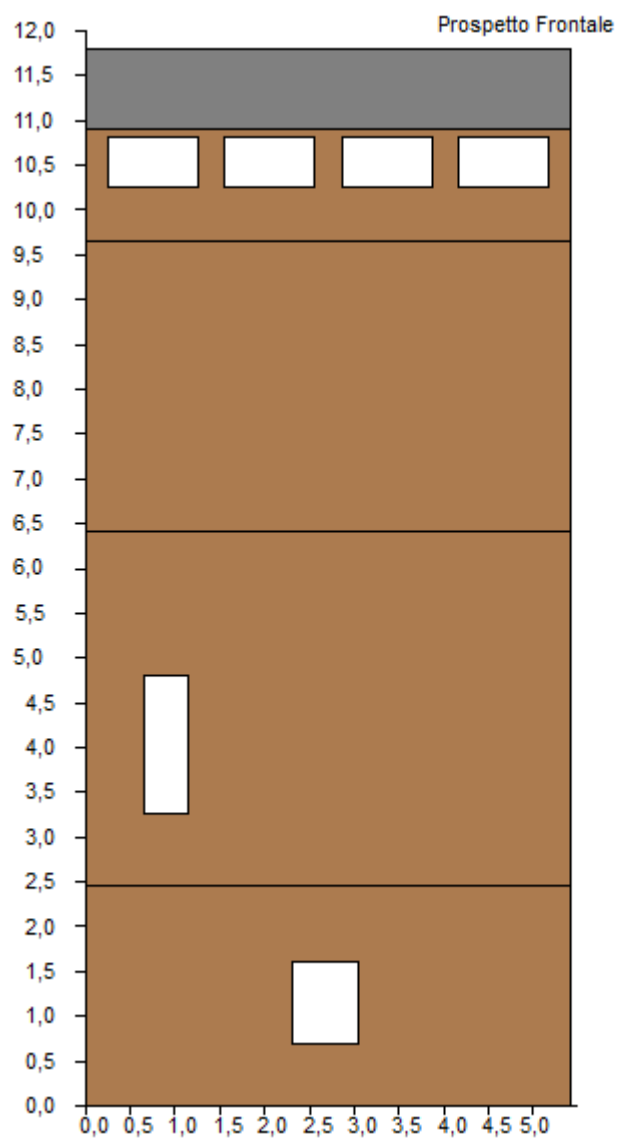


Figura: 3 - Prospetto della parete

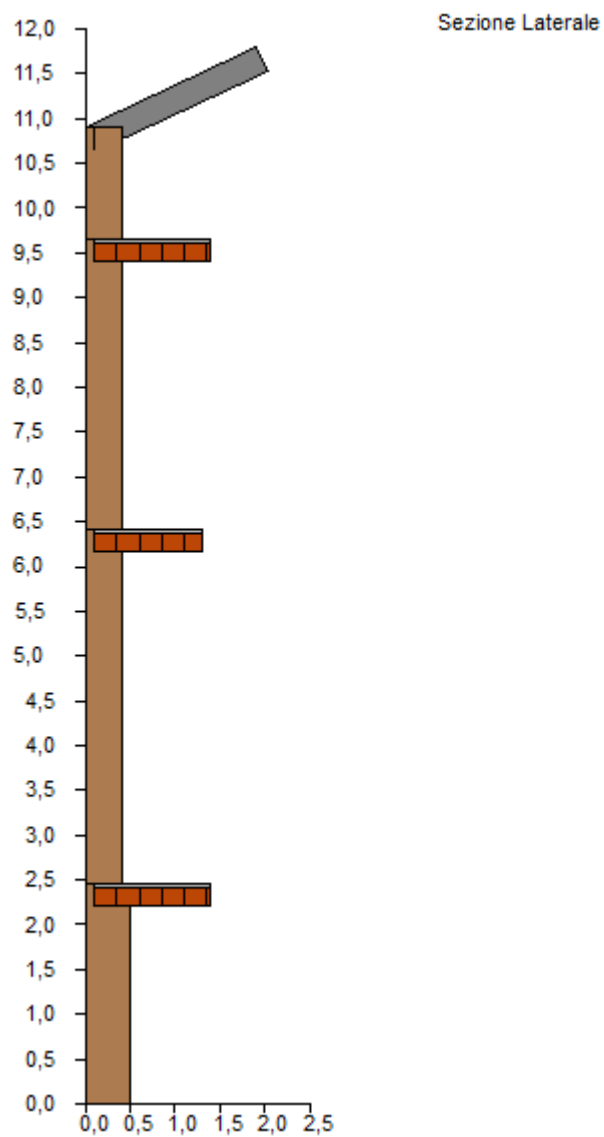


Figura: 4 - Sezione della parete

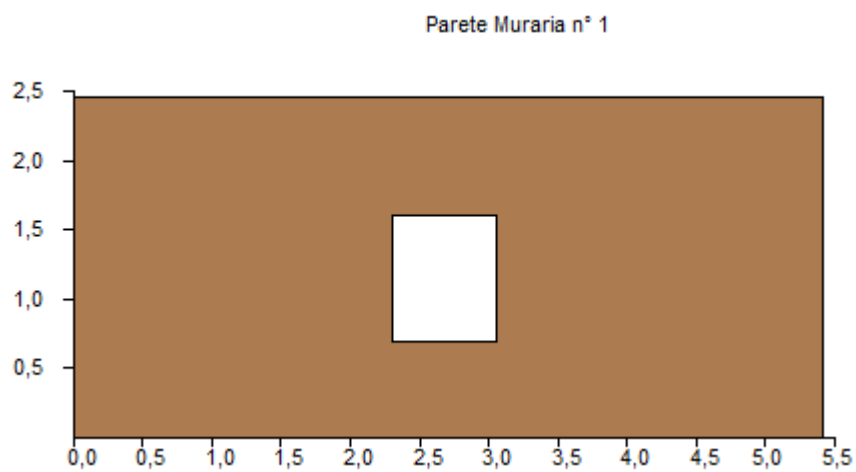


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,31 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	1,30 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	3,35 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

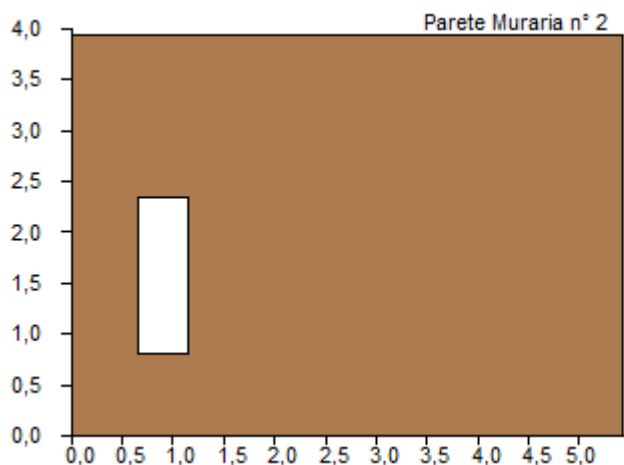


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	148,56 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella Nord

Altezza dell'apertura:	1,55 [m]
Base dell'apertura:	0,50 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	0,65 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	3,00 [kN/mq]
i_s : semi-lunghezza del solaio:	1,20 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	3,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

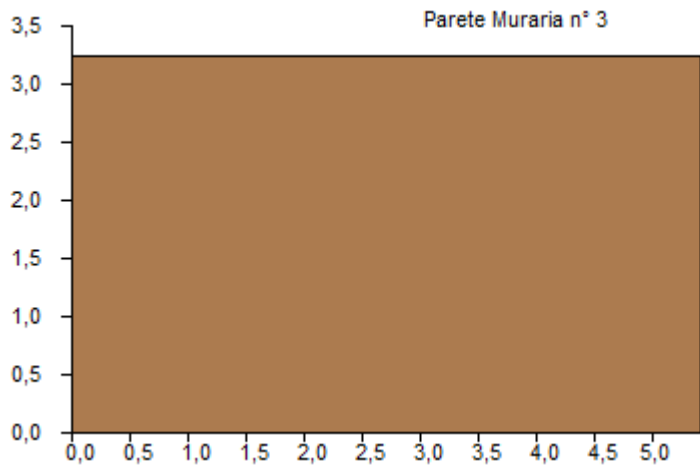


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
 Larghezza della parete n° 3: 5,42 [m]
 Spessore della parete n° 3: 0,40 [m]
 Rientro della parete n° 3: 0,00 [m]
 Peso della parete n° 3: 126,83 [kN]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio: 2,75 [kN/mq]
 G_{2k} carico permanente non strutturale del solaio: 0,00 [kN/mq]
 ϕ_2 coefficiente carico variabile del solaio: 0,30 [-]
 Q_k carico variabile del solaio: 3,00 [kN/mq]
 i_s : semi-lunghezza del solaio: 1,30 [m]
 e_s : eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
 p_{vd} carico di calcolo verticale del solaio della parete: 3,65 [kN/mq]
 p_{hd} carico di calcolo orizzontale del solaio della parete: 3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
 Modulo Elastico massimo: 1,80E+06 [kN/mq]
 Resistenza minima a compressione: 2,60E+03 [kN/mq]
 Resistenza massima a compressione: 4,30E+03 [kN/mq]
 Resistenza minima a taglio: 5,00E+01 [kN/mq]
 Resistenza minima a taglio: 1,30E+02 [kN/mq]
 Resistenza media a compressione: 3,45E+03 [kN/mq]
 Resistenza media a taglio: 9,00E+01 [kN/mq]
 Peso specifico γ : 1,80E+01 [kN/mc]
 Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]
 Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} : 2,00 [-]

Resistenza di calcolo a compressione: 1437,5000 [kN/mq]
 Resistenza di calcolo a taglio: 37,5000 [kN/mq]

Parete Muraria n° 4

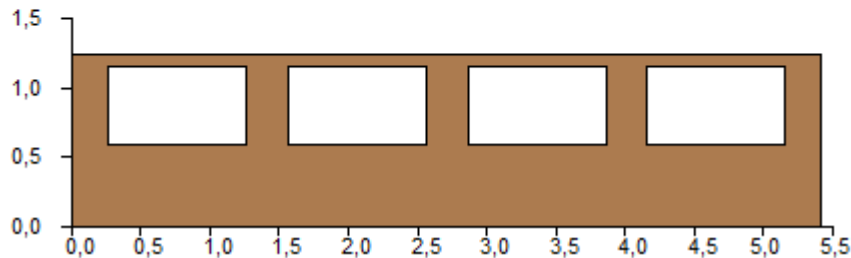


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,87 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,56 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]

Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

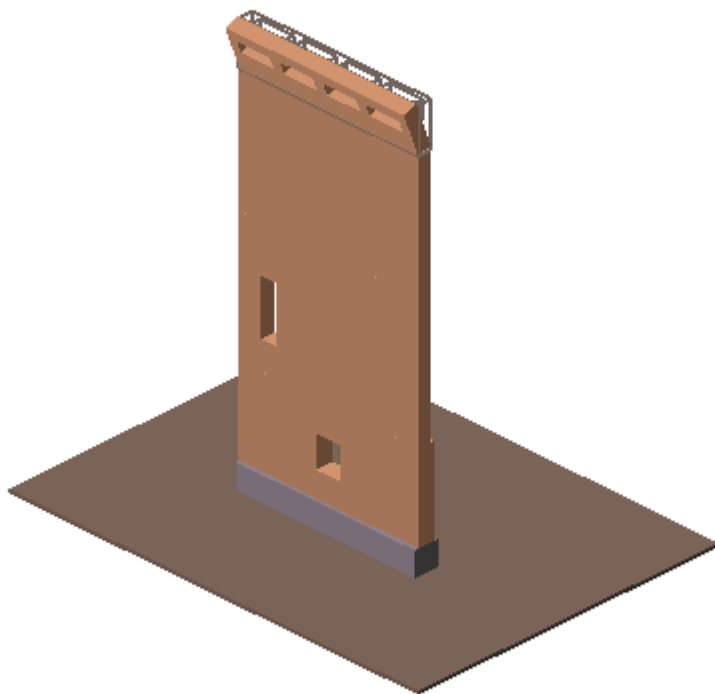
Descrizione Tipologia di Solaio:

Copertura Neve

G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
l_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	9,66 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	1,507 [-]
Momento Ribaltante M_{rib} :	25,875 [kN*m]
Momento Stabilizzante M_{st} :	4,743 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,183 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,184 [g]
Massa partecipante al cinematismo M^* :	3,422 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,832 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,229 [-]
Fattore di verifica in elevazione allo SLD:	1,089 [-]

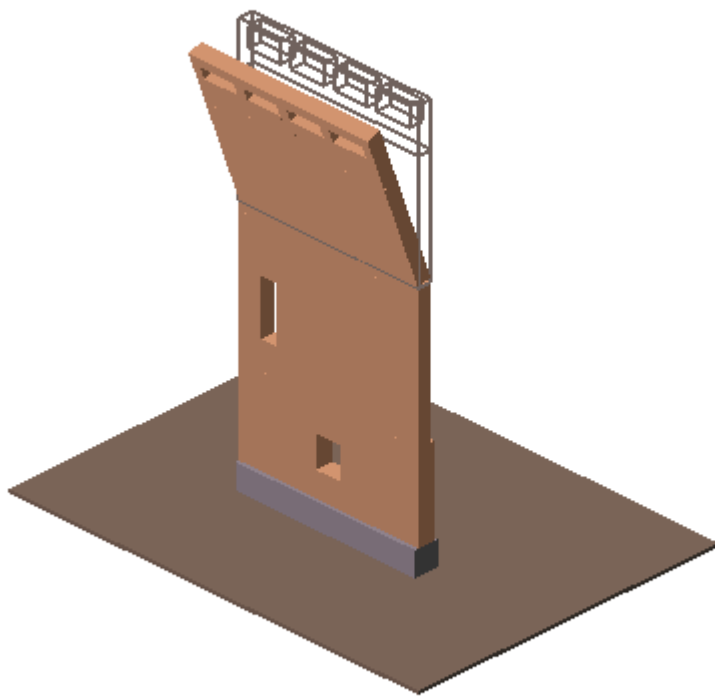
Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,214 [-]
Fattore di verifica in elevazione allo SLV:	1,076 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	6,41 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	1,000 [-]
Momento Ribaltante M_{rib} :	446,654 [kN*m]
Momento Stabilizzante M_{st} :	24,251 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,054 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* :	0,053 [g]
Massa partecipante al cinematiso M^* :	16,665 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,847 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,133 [g]
Fattore di verifica a quota zero allo SLD:	0,786 [-]
Fattore di verifica in elevazione allo SLD:	2,484 [-]

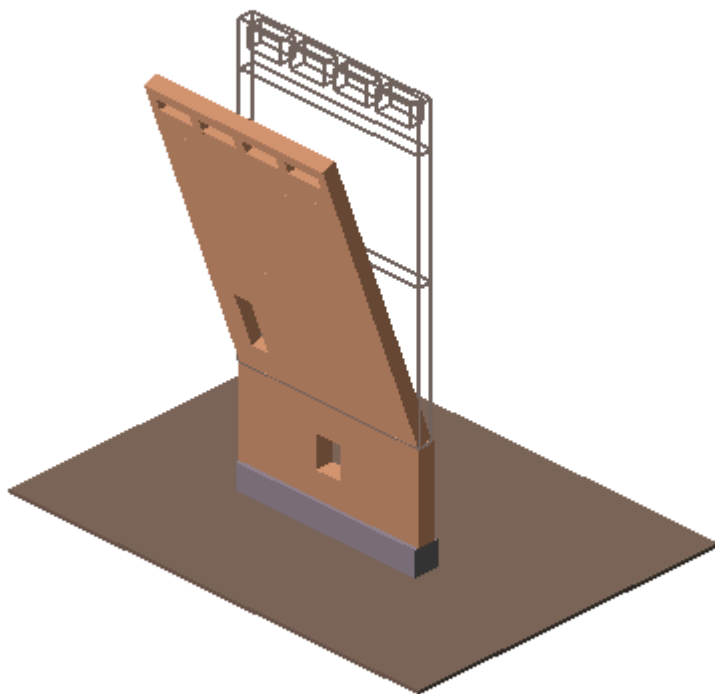
Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,131 [g]
Fattore di verifica a quota zero allo SLV:	0,736 [-]
Fattore di verifica in elevazione allo SLV:	2,456 [-]

Esito verifica meccanismo a quota zero allo SLV:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematiso n° 3: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	1597,965 [kN*m]
Momento Stabilizzante M_{st} :	40,437 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,025 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,026 [g]
Massa partecipante al cinematismo M^* :	29,871 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,802 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	1,597 [-]
Fattore di verifica in elevazione allo SLD:	1,936 [-]

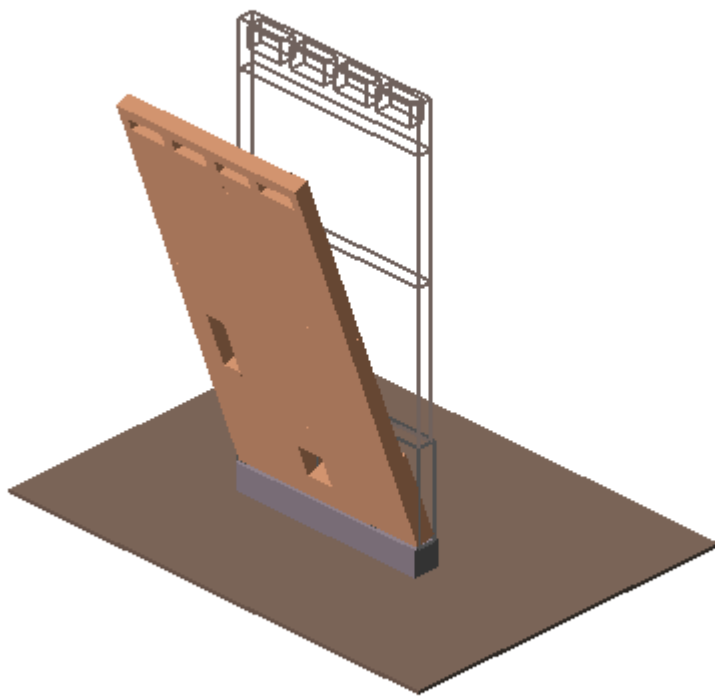
Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON VERIFICATO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	1,495 [-]
Fattore di verifica in elevazione allo SLV:	1,914 [-]

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: **NON VERIFICATO**

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	2695,100 [kN*m]
Momento Stabilizzante M_{st} :	58,803 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,022 [-]

accelerazione spettrale di attivazione del cinematisimo a_0^* : 0,024 [g]
 Massa partecipante al cinematisimo M^* : 38,769 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,756 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: Non Richiesto
 Fattore di verifica a quota zero allo SLD: 1,747 [-]
 Fattore di verifica in elevazione allo SLD: Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 1,634 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

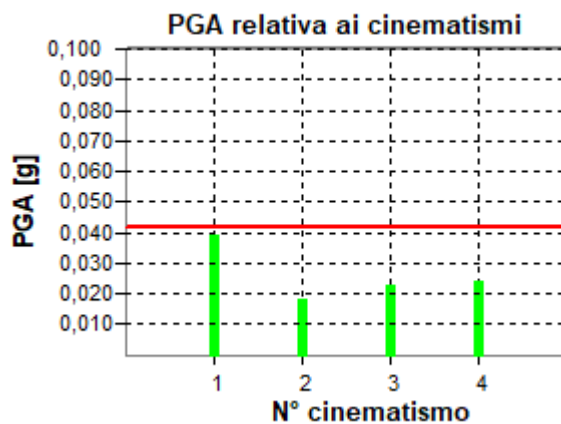


Figura 9 - Confronto PGA SLD

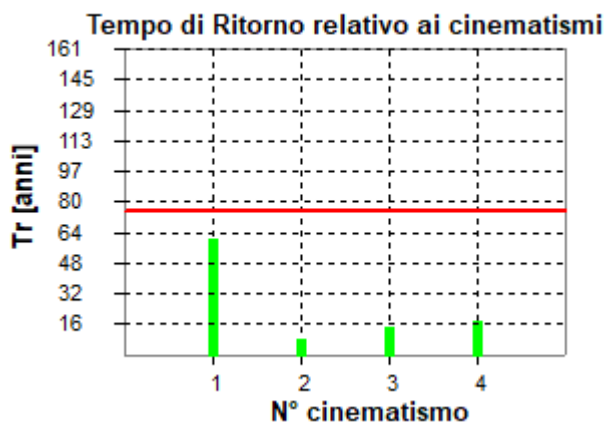


Figura 10 - Confronto TR SLD

Cinematisimo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0390 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 61 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9286 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 0,8071 [-]

Cinematisimo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0181 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 8 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4314 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1111 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0227 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 15 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5400 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1995 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0244 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 18 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5800 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,2414 [-]

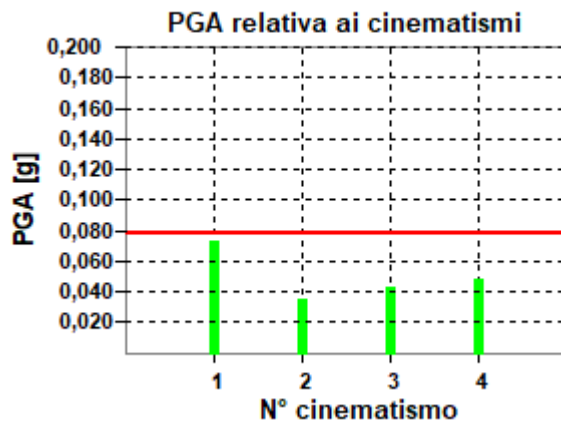


Figura: 11 - Confronto PGA SLV

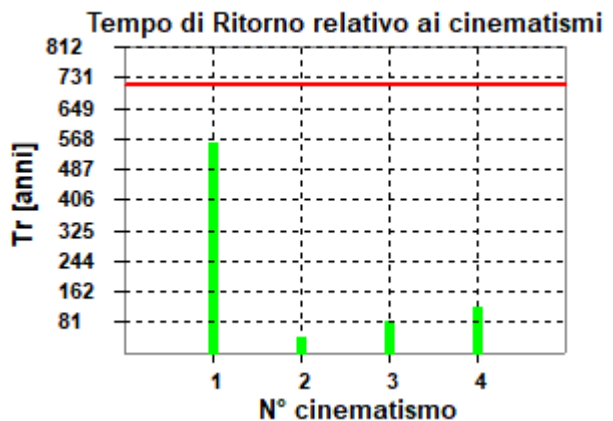


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0738 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 555 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9389 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,7803 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0347 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 44 [anni]

Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4412 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0619 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0433 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 83 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5511 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1166 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0487 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 122 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,6198 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1718 [-]

TORRE – Parete Nord – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

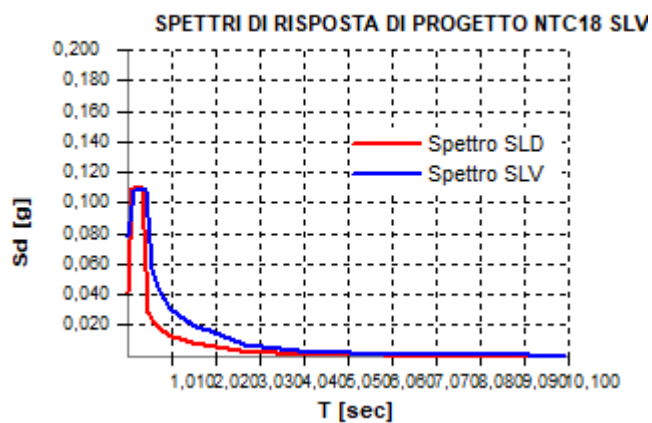


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinematismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinematismi di ribaltamento fuori piano
- Cinematismi di flessione verticale
- Cinematismi di flessione orizzontale

Geometria delle pareti:

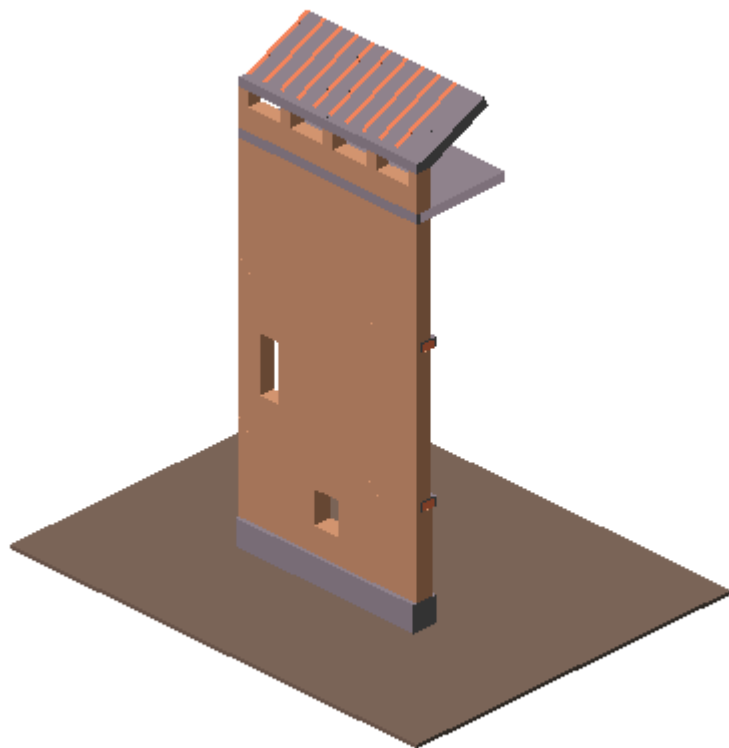


Figura: 2 - Modello 3D della parete

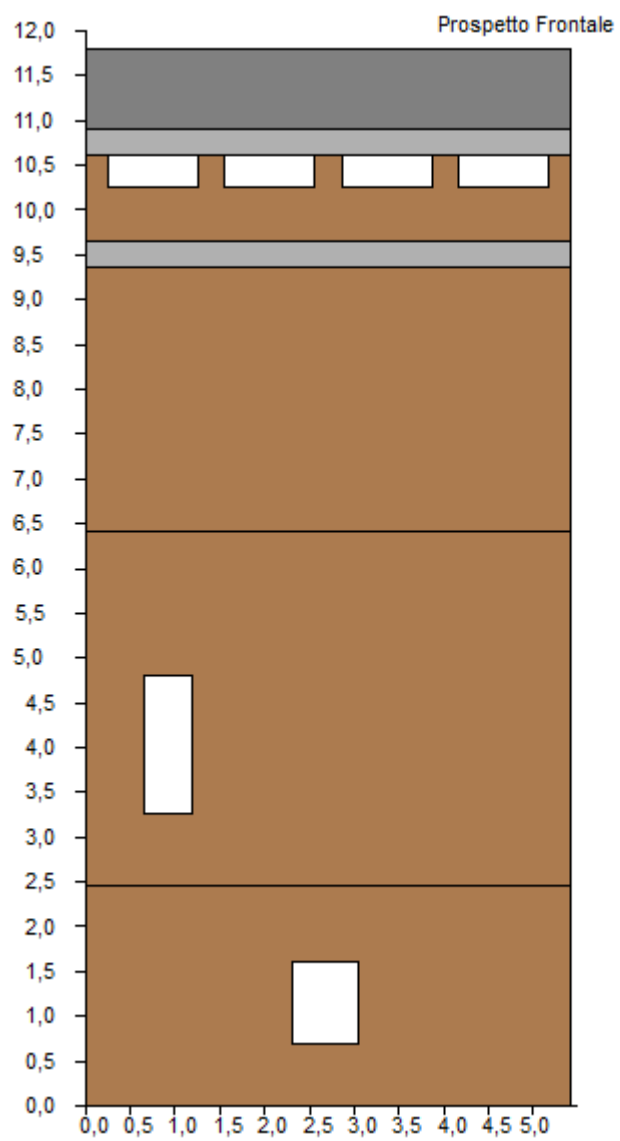


Figura: 3 - Prospetto della parete

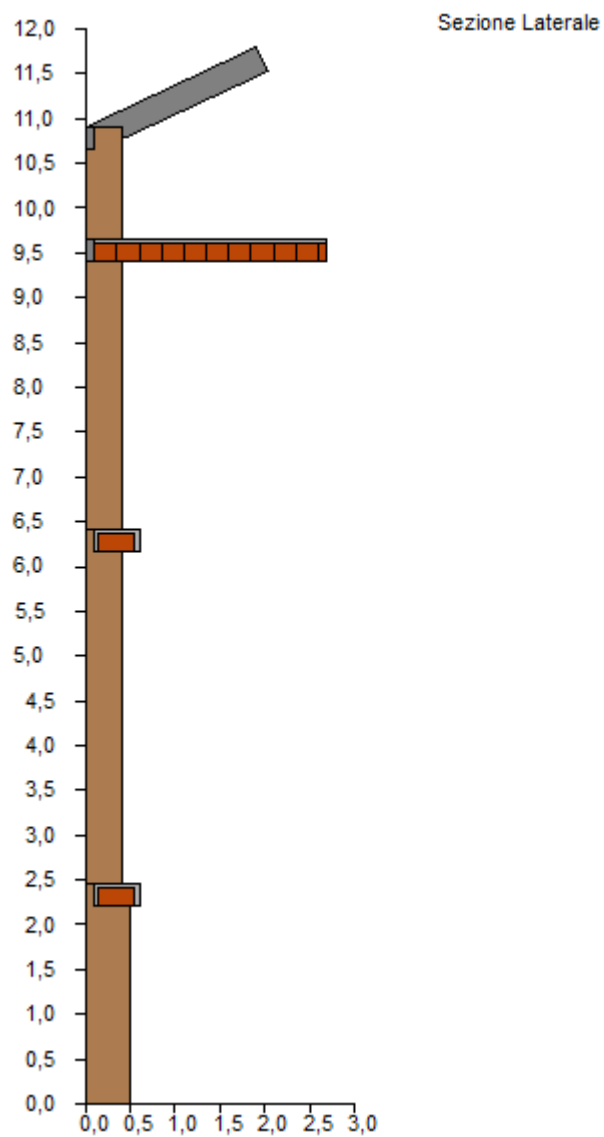


Figura: 4 - Sezione della parete

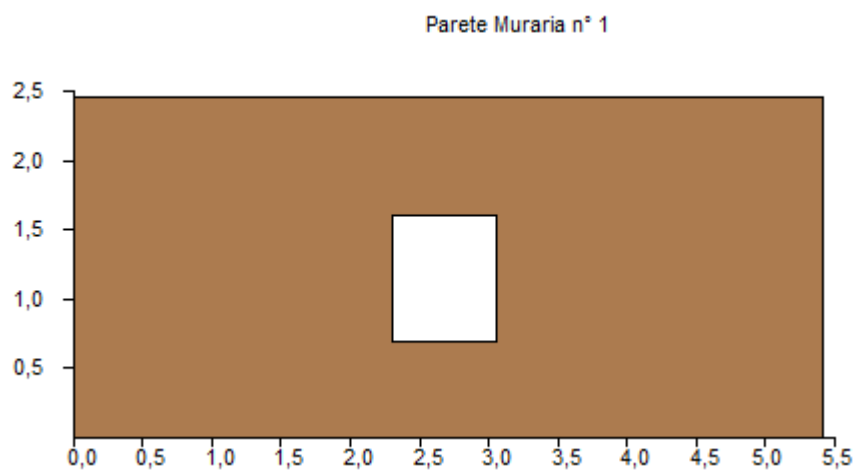


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,31 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	0,50 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

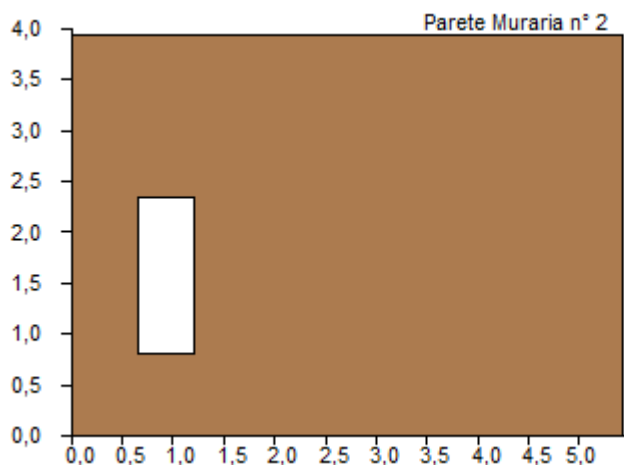


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	148,01 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella Nord

Altezza dell'apertura:	1,55 [m]
Base dell'apertura:	0,55 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	0,65 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
i_s : semi-lunghezza del solaio:	0,50 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

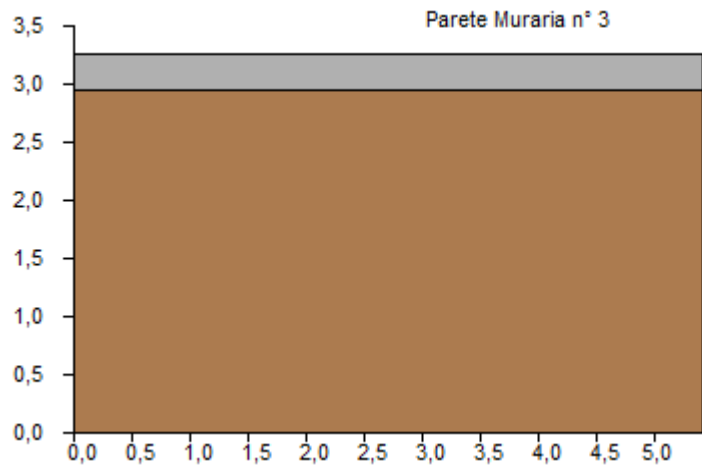


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
 Larghezza della parete n° 3: 5,42 [m]
 Spessore della parete n° 3: 0,40 [m]
 Rientro della parete n° 3: 0,00 [m]
 Peso della parete n° 3: 126,83 [kN]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G_{1k} carico permanente strutturale del solaio: 0,85 [kN/mq]
 G_{2k} carico permanente non strutturale del solaio: 0,20 [kN/mq]
 φ_2 coefficiente carico variabile del solaio: 0,00 [-]
 Q_k carico variabile del solaio: 0,50 [kN/mq]
 l_s : semi-lunghezza del solaio: 2,60 [m]
 e_s : eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
 p_{vd} carico di calcolo verticale del solaio della parete: 1,05 [kN/mq]
 p_{hd} carico di calcolo orizzontale del solaio della parete: 1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
 Modulo Elastico massimo: 1,80E+06 [kN/mq]
 Resistenza minima a compressione: 2,60E+03 [kN/mq]
 Resistenza massima a compressione: 4,30E+03 [kN/mq]
 Resistenza minima a taglio: 5,00E+01 [kN/mq]
 Resistenza minima a taglio: 1,30E+02 [kN/mq]
 Resistenza media a compressione: 3,45E+03 [kN/mq]
 Resistenza media a taglio: 9,00E+01 [kN/mq]
 Peso specifico γ : 1,80E+01 [kN/mc]
 Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]
 Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} : 2,00 [-]

Resistenza di calcolo a compressione: 1437,5000 [kN/mq]
 Resistenza di calcolo a taglio: 37,5000 [kN/mq]

Parete Muraria n° 4

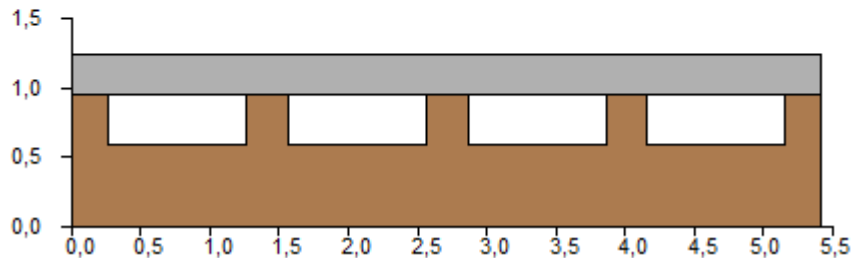


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,87 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,56 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]

Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

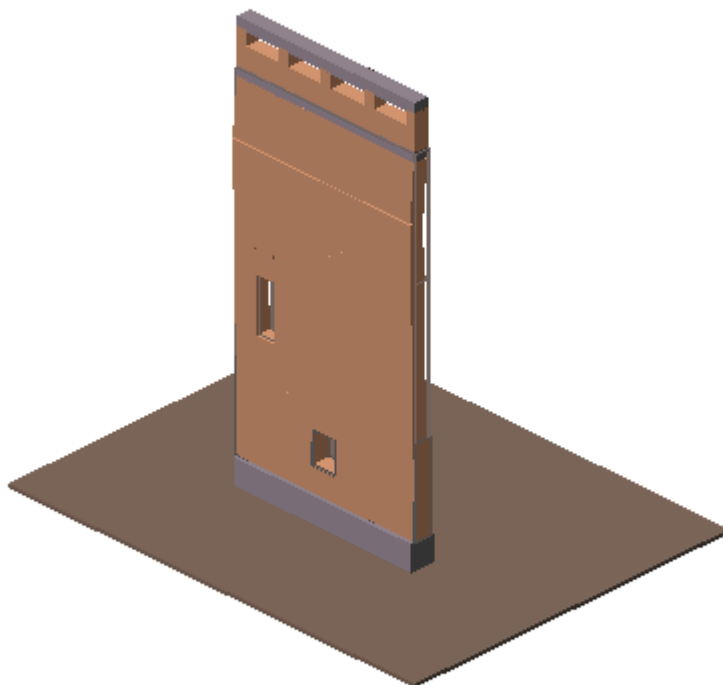
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
l_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°3:	9,60 [kN]
Reazione cordolo/vincolo della parete n°4:	0,29 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1581,278 [kN*m]
Momento Stabilizzante M_{st} :	191,451 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,121 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,102 [g]
Massa partecipante al cinematismo M^* :	39,360 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,993 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,413 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

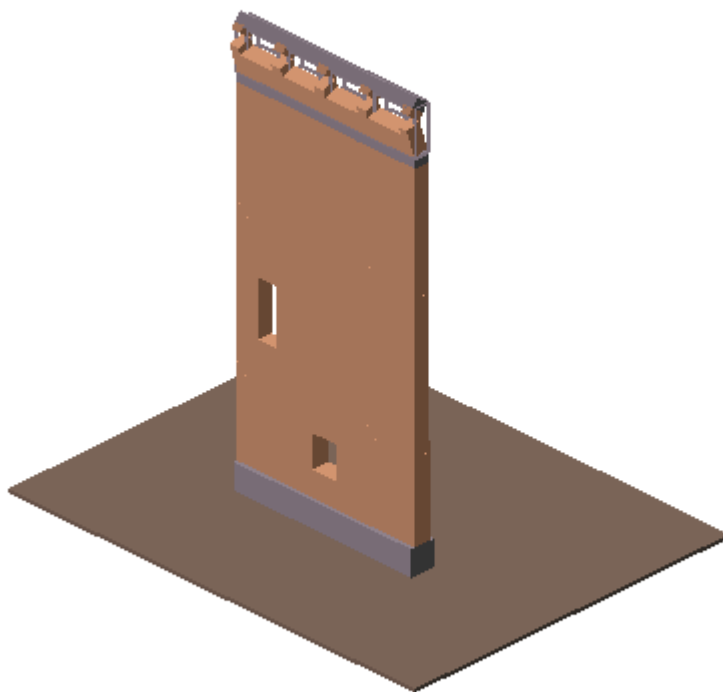
Esito verifica meccanismo a quota zero allo SLD: **VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON RICHiesto**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
Fattore di verifica a quota zero allo SLV: 0,387 [-]
Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata



Quota di attivazione del cinematismo: 0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 1,507 [-]
Momento Ribaltante M_{rib} : 10,607 [kN*m]
Momento Stabilizzante M_{st} : 15,563 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 : 1,467 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* : 1,228 [g]
 Massa partecipante al cinematiso M^* : 3,344 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,996 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: 0,200 [g]
 Fattore di verifica a quota zero allo SLD: 0,034 [-]
 Fattore di verifica in elevazione allo SLD: 0,163 [-]

Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: 0,198 [g]
 Fattore di verifica a quota zero allo SLV: 0,032 [-]
 Fattore di verifica in elevazione allo SLV: 0,161 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: VERIFICATO

Confronto PGA in sito e PGA meccanismi di collasso locali

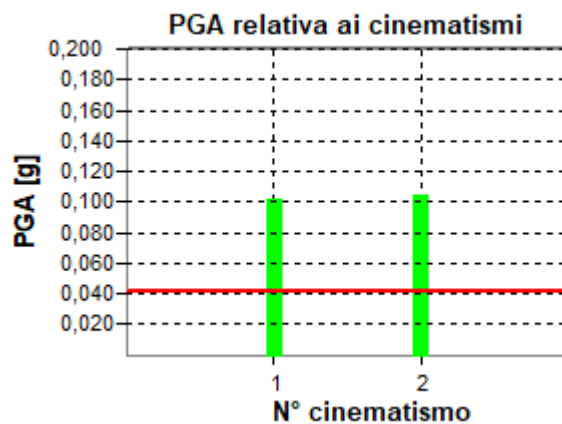


Figura 9 - Confronto PGA SLD

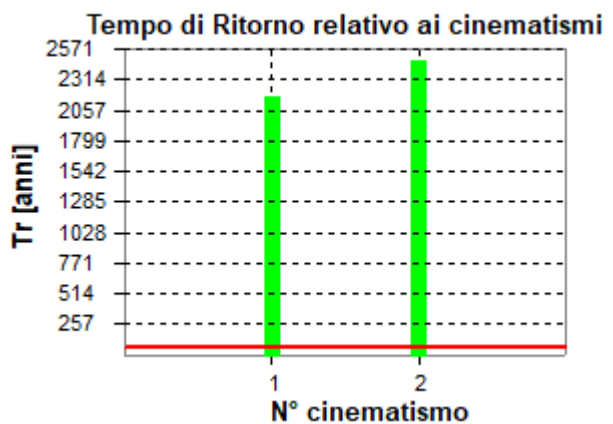


Figura 10 - Confronto TR SLD

Cinematiso n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1020 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2175 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,4286 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 28,8303 [-]

Cinematiso n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 32,7545 [-]

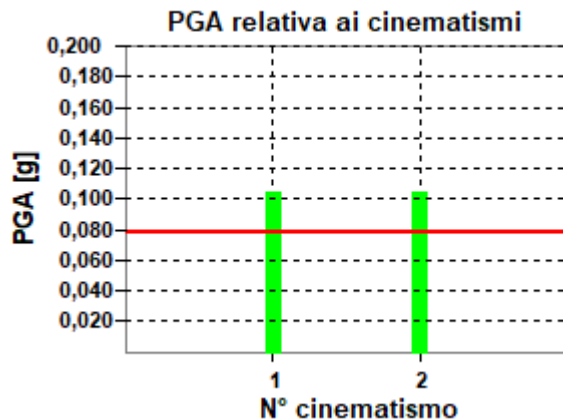


Figura: 11 - Confronto PGA SLV

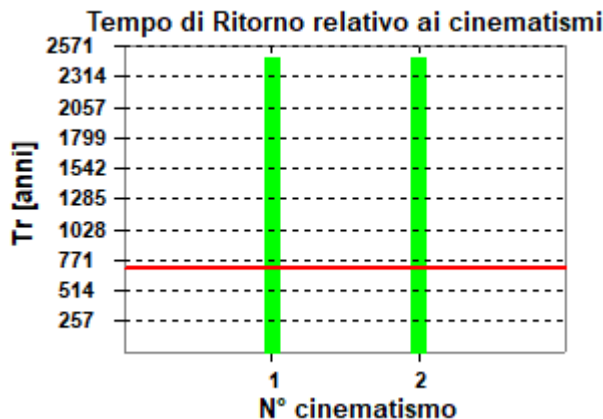


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

TORRE – Parete Ovest – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

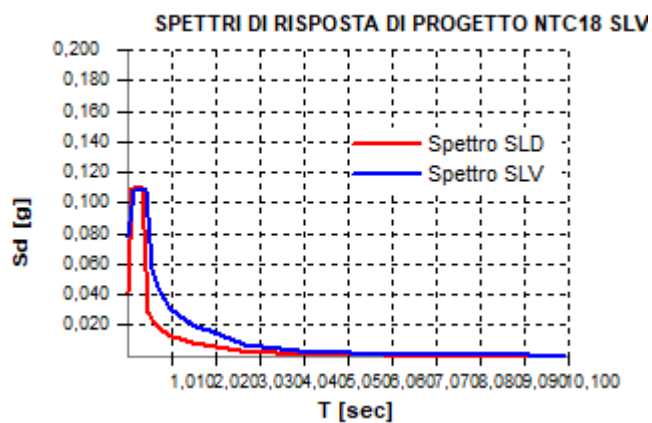


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

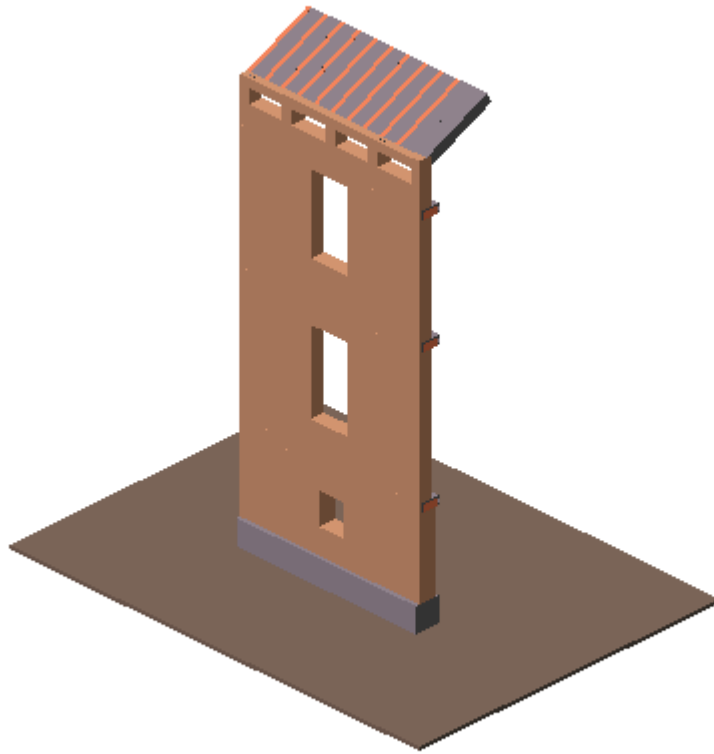


Figura: 2 - Modello 3D della parete

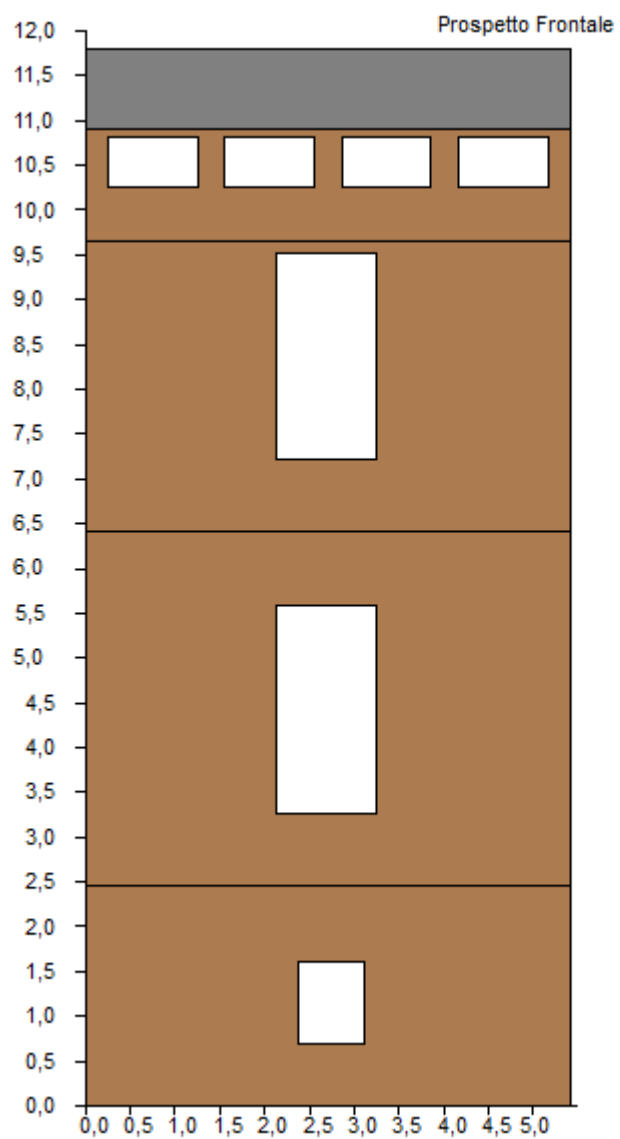


Figura: 3 - Prospetto della parete

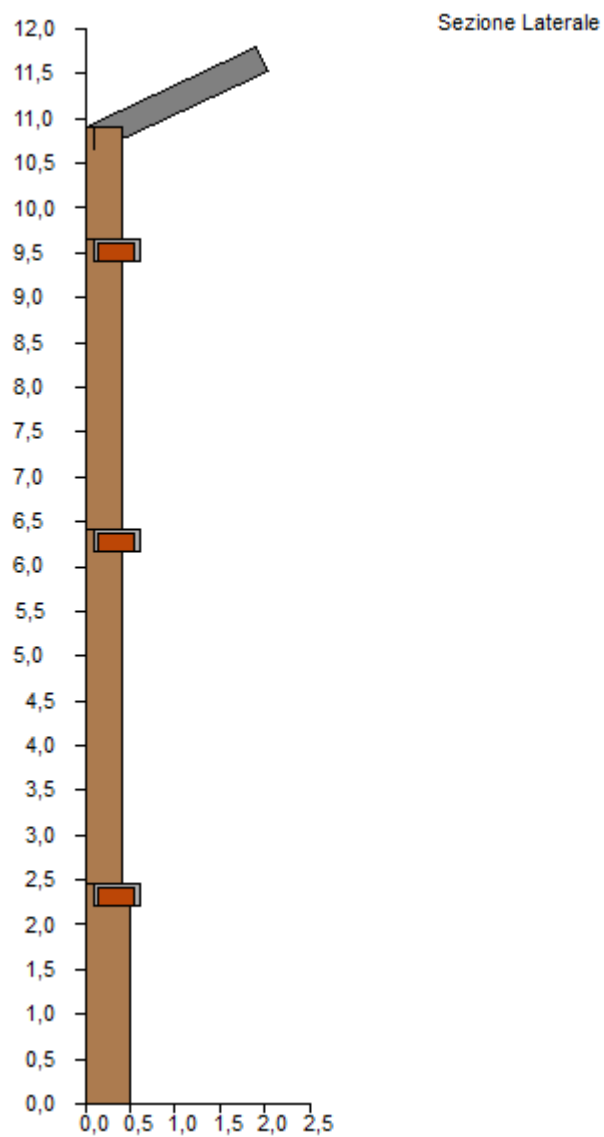


Figura: 4 - Sezione della parete

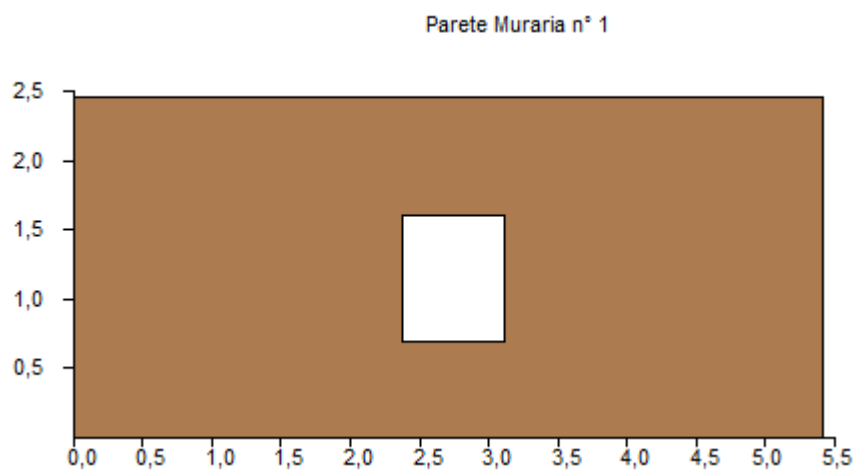


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,37 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	0,50 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

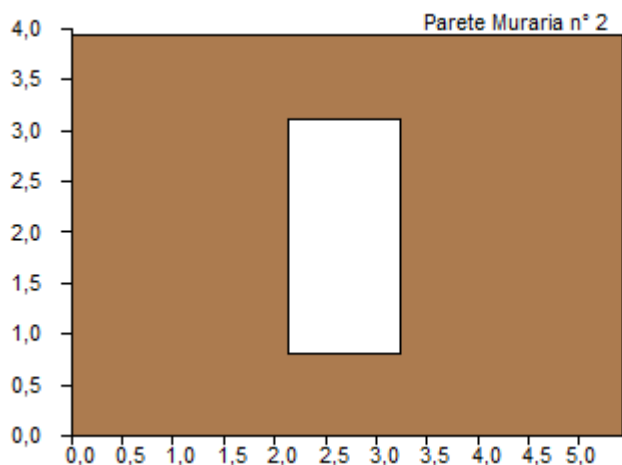


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	135,77 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura:	2,32 [m]
Base dell'apertura:	1,10 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	3,00 [kN/mq]
i_s : semi-lunghezza del solaio:	0,50 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

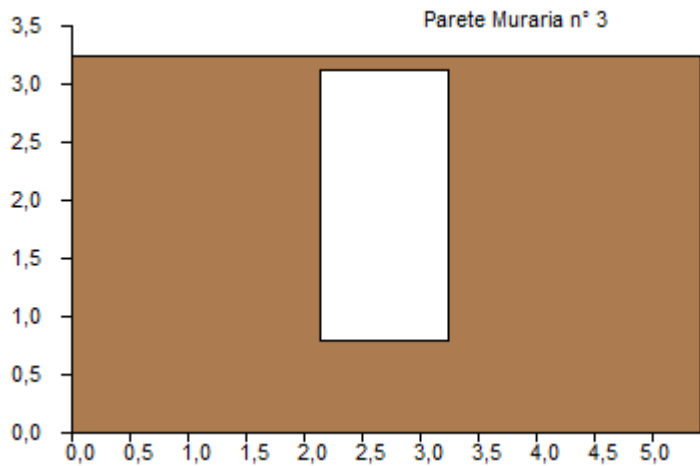


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
 Larghezza della parete n° 3: 5,42 [m]
 Spessore della parete n° 3: 0,40 [m]
 Rientro della parete n° 3: 0,00 [m]
 Peso della parete n° 3: 108,45 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura: 2,32 [m]
 Base dell'apertura: 1,10 [m]
 Altezza inferiore dell'apertura: 0,80 [m]
 Posizione dell'apertura: 2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio: 2,75 [kN/mq]
 G_{2k} carico permanente non strutturale del solaio: 0,00 [kN/mq]
 ϕ_2 coefficiente carico variabile del solaio: 0,30 [-]
 Q_k carico variabile del solaio: 3,00 [kN/mq]
 i_s semi-lunghezza del solaio: 0,50 [m]
 e_s eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
 p_{vd} carico di calcolo verticale del solaio della parete: 0,00 [kN/mq]
 p_{hd} carico di calcolo orizzontale del solaio della parete: 3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
 Modulo Elastico massimo: 1,80E+06 [kN/mq]
 Resistenza minima a compressione: 2,60E+03 [kN/mq]
 Resistenza massima a compressione: 4,30E+03 [kN/mq]
 Resistenza minima a taglio: 5,00E+01 [kN/mq]
 Resistenza minima a taglio: 1,30E+02 [kN/mq]
 Resistenza media a compressione: 3,45E+03 [kN/mq]
 Resistenza media a taglio: 9,00E+01 [kN/mq]
 Peso specifico γ : 1,80E+01 [kN/mc]
 Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]

Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

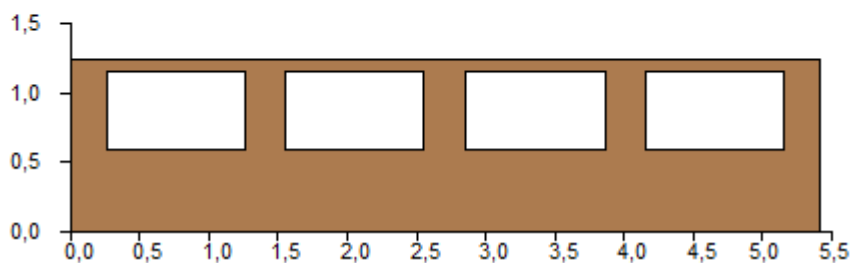


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

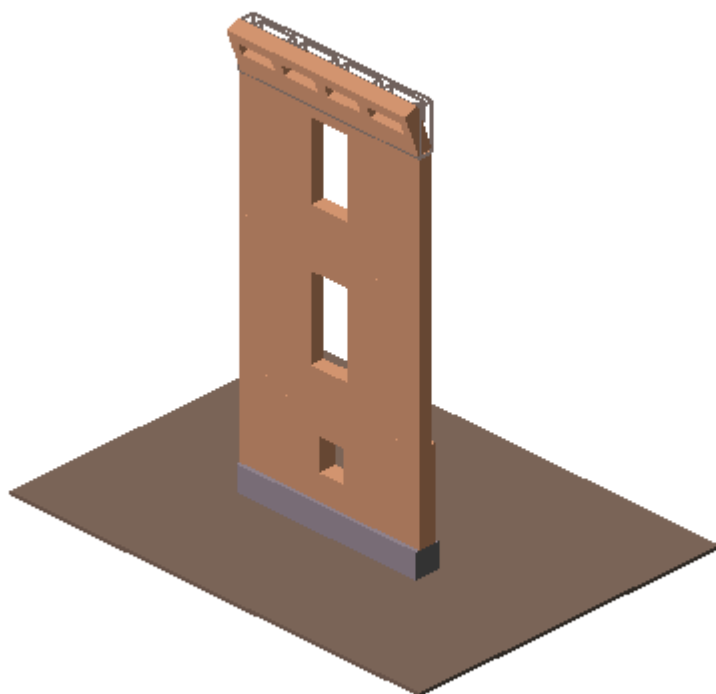
Descrizione Tipologia di Solaio:

Copertura Neve

G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
i_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	9,66 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	1,507 [-]
Momento Ribaltante M_{rib} :	25,875 [kN*m]
Momento Stabilizzante M_{st} :	4,743 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,183 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,184 [g]
Massa partecipante al cinematismo M^* :	3,422 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,832 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,229 [-]
Fattore di verifica in elevazione allo SLD:	1,089 [-]

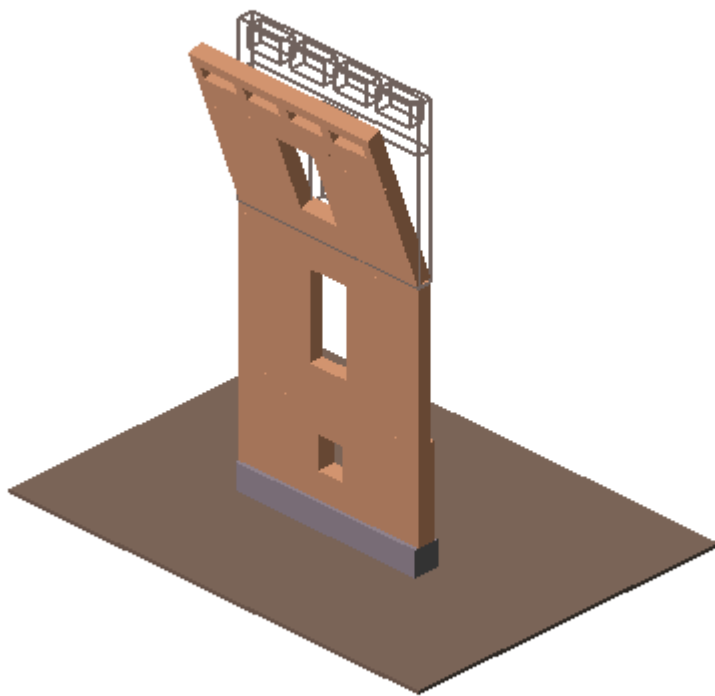
Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,214 [-]
Fattore di verifica in elevazione allo SLV:	1,076 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	6,41 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	1,000 [-]
Momento Ribaltante M_{rib} :	359,204 [kN*m]
Momento Stabilizzante M_{st} :	15,436 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,043 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* :	0,043 [g]
Massa partecipante al cinematiso M^* :	13,353 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,825 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,133 [g]
Fattore di verifica a quota zero allo SLD:	0,968 [-]
Fattore di verifica in elevazione allo SLD:	3,057 [-]

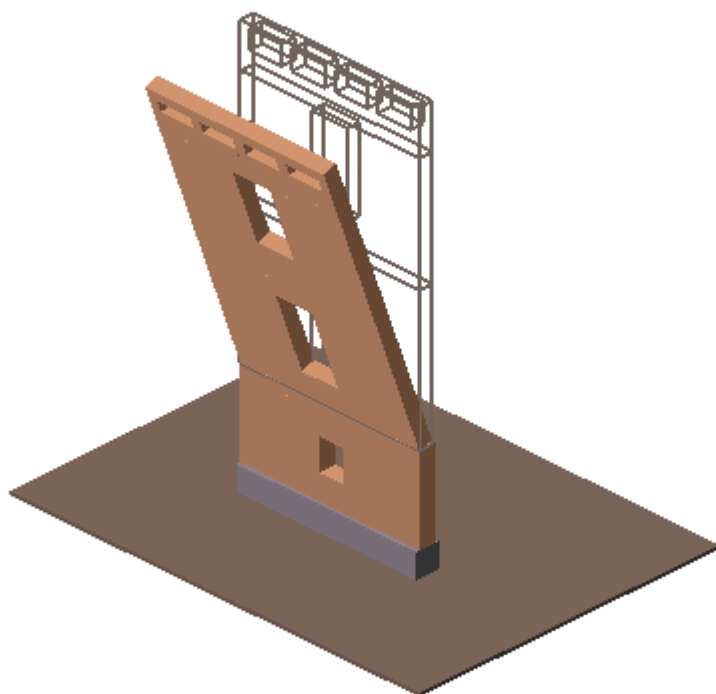
Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,131 [g]
Fattore di verifica a quota zero allo SLV:	0,906 [-]
Fattore di verifica in elevazione allo SLV:	3,022 [-]

Esito verifica meccanismo a quota zero allo SLV:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematiso n° 3: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	1293,497 [kN*m]
Momento Stabilizzante M_{st} :	26,322 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,020 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,022 [g]
Massa partecipante al cinematismo M^* :	24,431 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,787 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	1,950 [-]
Fattore di verifica in elevazione allo SLD:	2,363 [-]

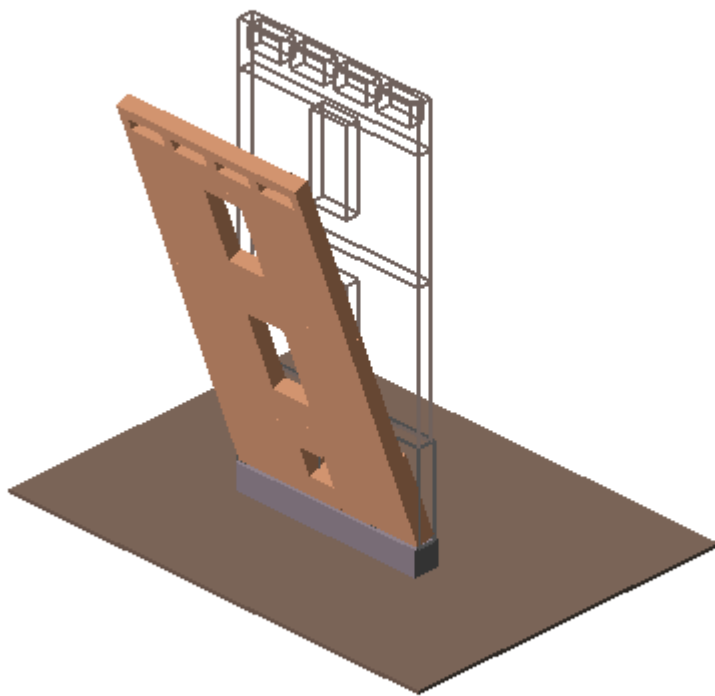
Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON VERIFICATO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	1,824 [-]
Fattore di verifica in elevazione allo SLV:	2,336 [-]

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: **NON VERIFICATO**

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	2205,225 [kN*m]
Momento Stabilizzante M_{st} :	41,163 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,019 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* : 0,021 [g]
 Massa partecipante al cinematiso M^* : 32,164 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,738 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: Non Richiesto
 Fattore di verifica a quota zero allo SLD: 1,992 [-]
 Fattore di verifica in elevazione allo SLD: Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 1,864 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

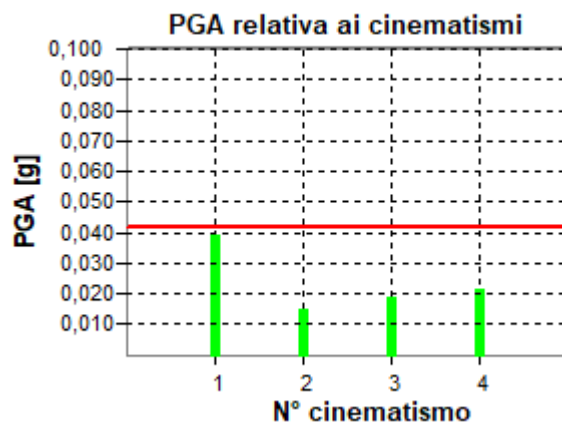


Figura 9 - Confronto PGA SLD

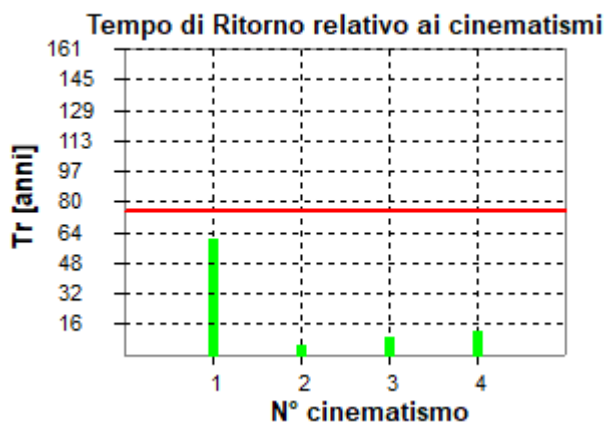


Figura 10 - Confronto TR SLD

Cinematiso n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0390 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 61 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9286 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_s = TR_{C,Lin}/TR_D$: 0,8071 [-]

Cinematiso n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0151 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 5 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,3600 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0703 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0190 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 9 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4514 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1249 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0215 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 13 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5114 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1723 [-]

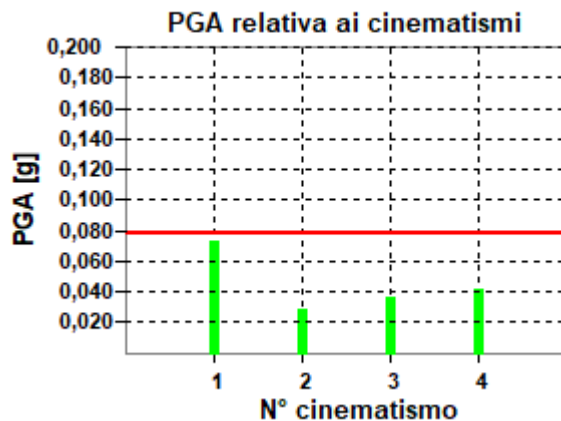


Figura: 11 - Confronto PGA SLV

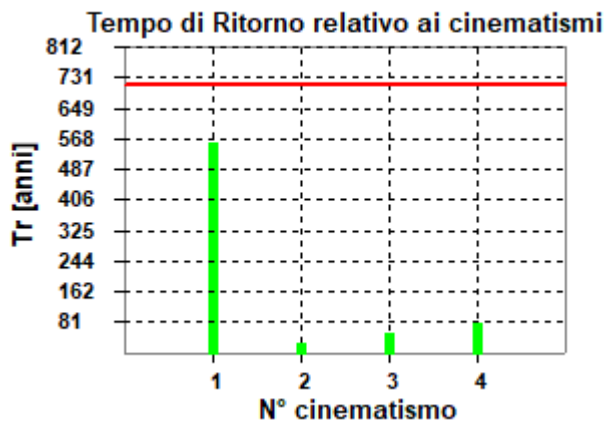


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0738 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 555 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9389 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,7803 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0283 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 27 [anni]

Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,3603 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0373 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0370 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 52 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4702 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0726 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0425 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 78 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5405 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1094 [-]

TORRE – Parete Ovest – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

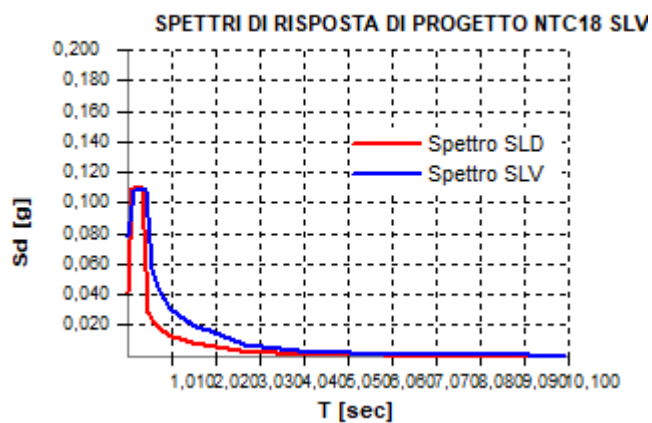


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

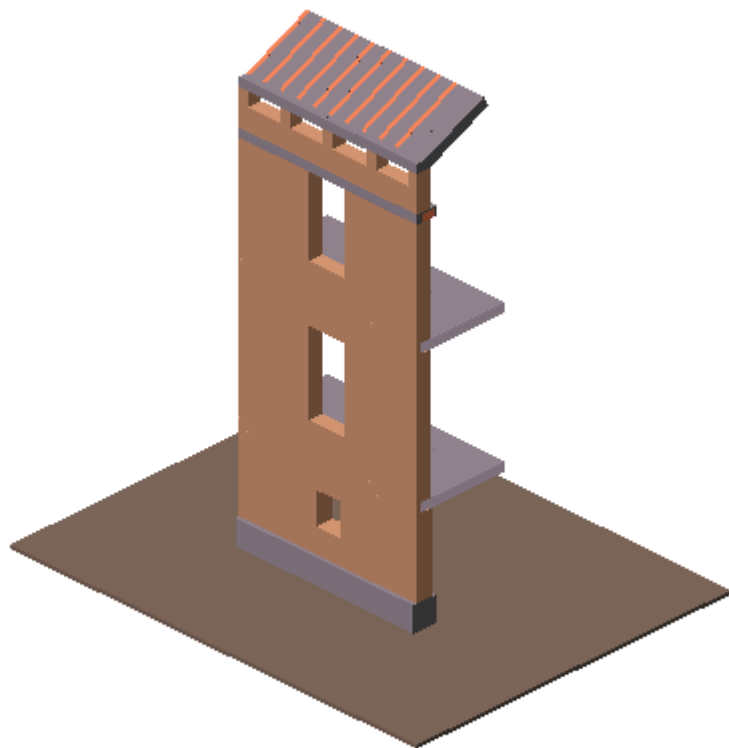


Figura: 2 - Modello 3D della parete

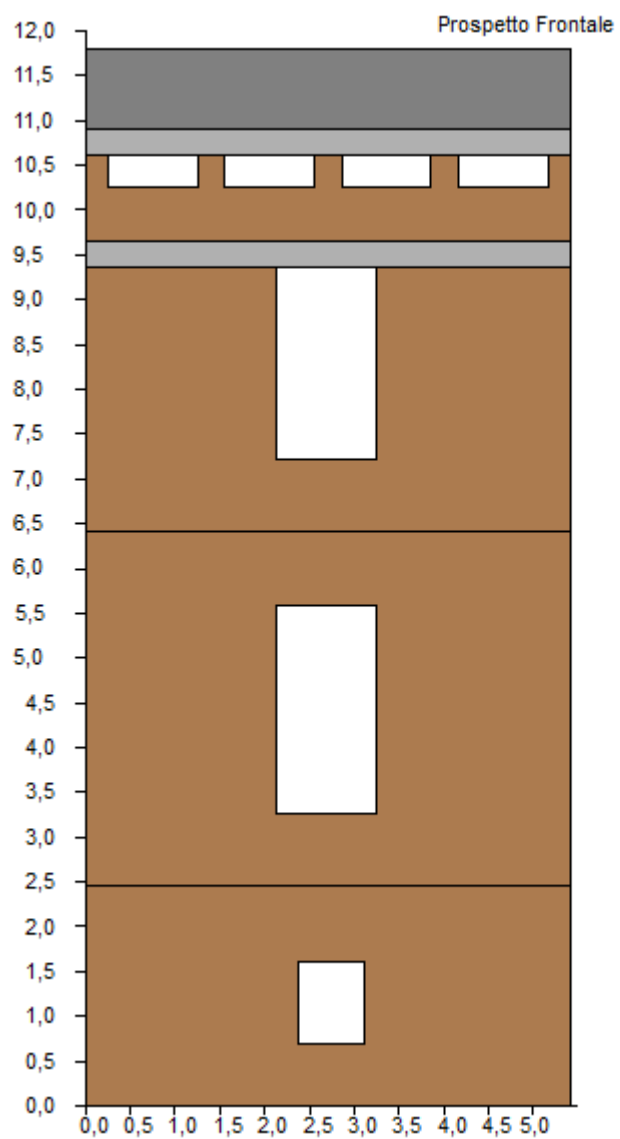


Figura: 3 - Prospetto della parete

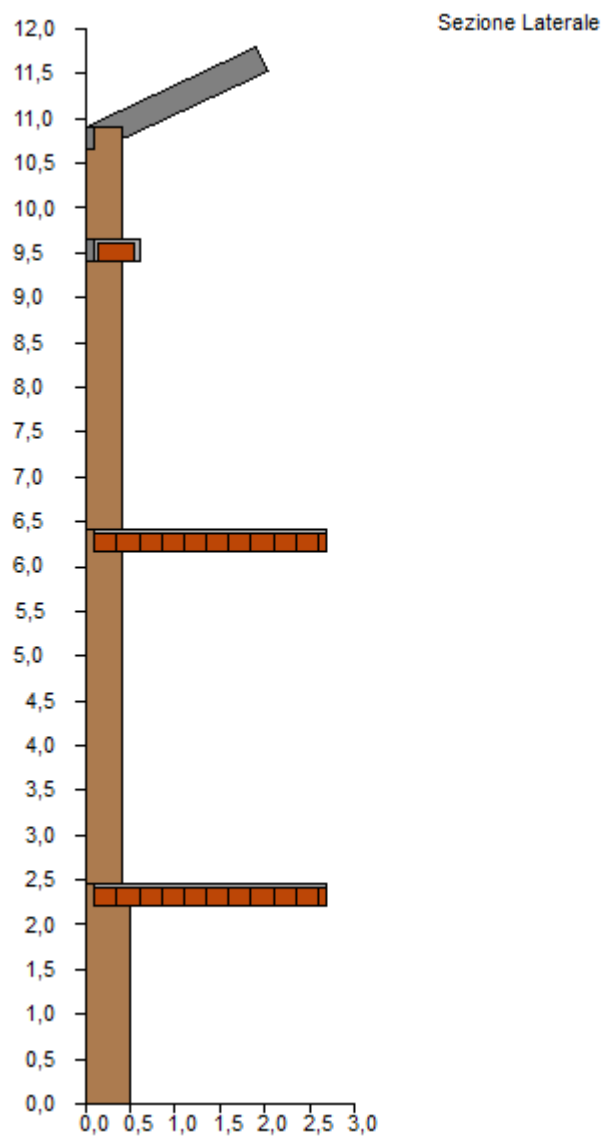


Figura: 4 - Sezione della parete

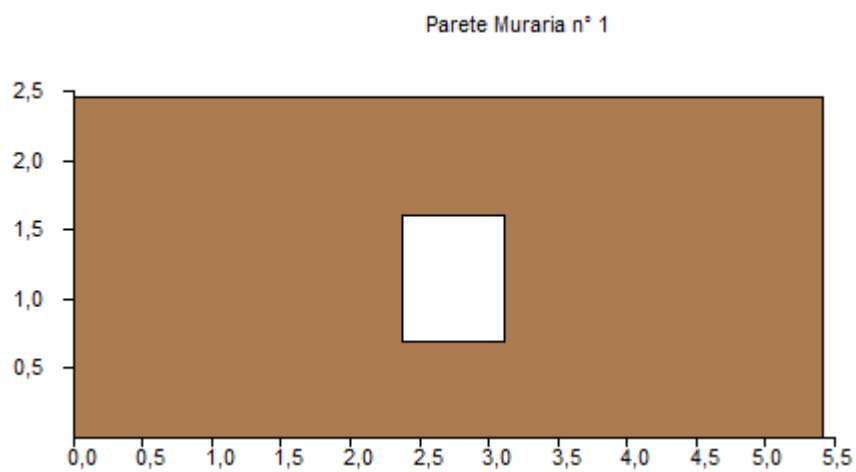


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,37 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	2,60 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	2,95 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

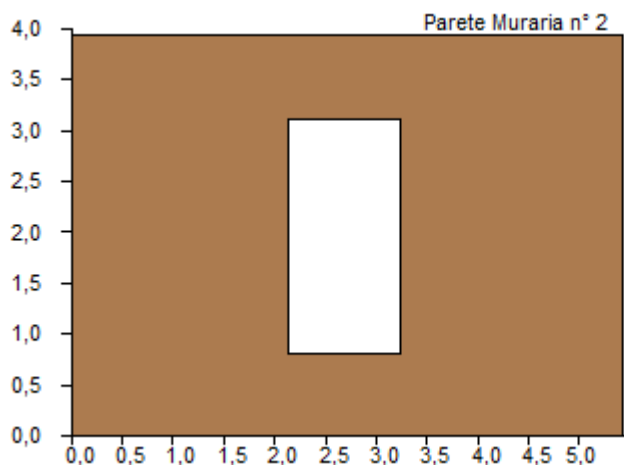


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	135,77 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura:	2,32 [m]
Base dell'apertura:	1,10 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
i_s : semi-lunghezza del solaio:	2,60 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	2,95 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

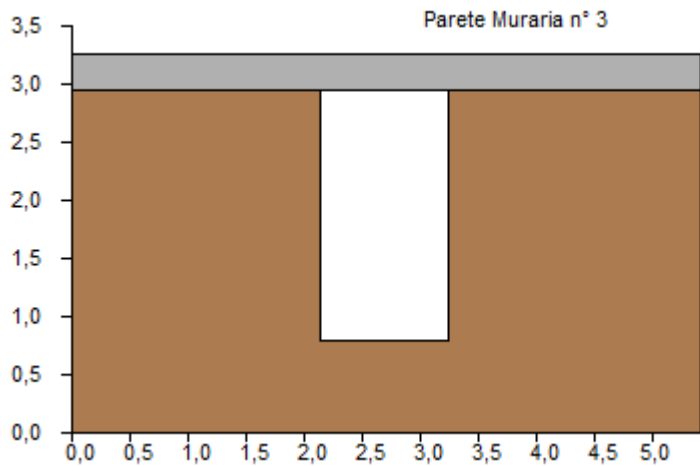


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
Larghezza della parete n° 3: 5,42 [m]
Spessore della parete n° 3: 0,40 [m]
Rientro della parete n° 3: 0,00 [m]
Peso della parete n° 3: 108,45 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura: 2,32 [m]
Base dell'apertura: 1,10 [m]
Altezza inferiore dell'apertura: 0,80 [m]
Posizione dell'apertura: 2,14 [m]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G_{1k} carico permanente strutturale del solaio: 0,85 [kN/mq]
 G_{2k} carico permanente non strutturale del solaio: 0,20 [kN/mq]
 ϕ_2 coefficiente carico variabile del solaio: 0,00 [-]
 Q_k carico variabile del solaio: 0,50 [kN/mq]
 i_s semi-lunghezza del solaio: 0,50 [m]
 e_s eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
 p_{vd} carico di calcolo verticale del solaio della parete: 0,00 [kN/mq]
 p_{hd} carico di calcolo orizzontale del solaio della parete: 1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
Modulo Elastico massimo: 1,80E+06 [kN/mq]
Resistenza minima a compressione: 2,60E+03 [kN/mq]
Resistenza massima a compressione: 4,30E+03 [kN/mq]
Resistenza minima a taglio: 5,00E+01 [kN/mq]
Resistenza minima a taglio: 1,30E+02 [kN/mq]
Resistenza media a compressione: 3,45E+03 [kN/mq]
Resistenza media a taglio: 9,00E+01 [kN/mq]
Peso specifico γ : 1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]

Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

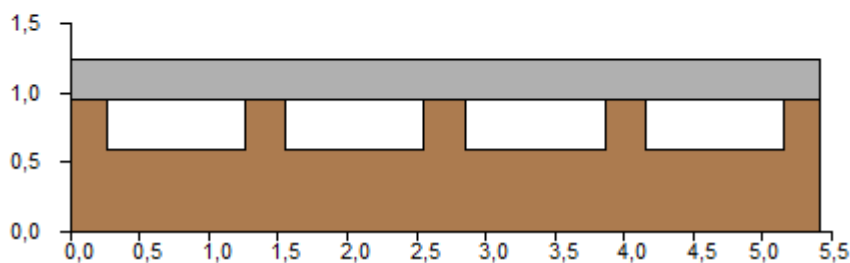


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

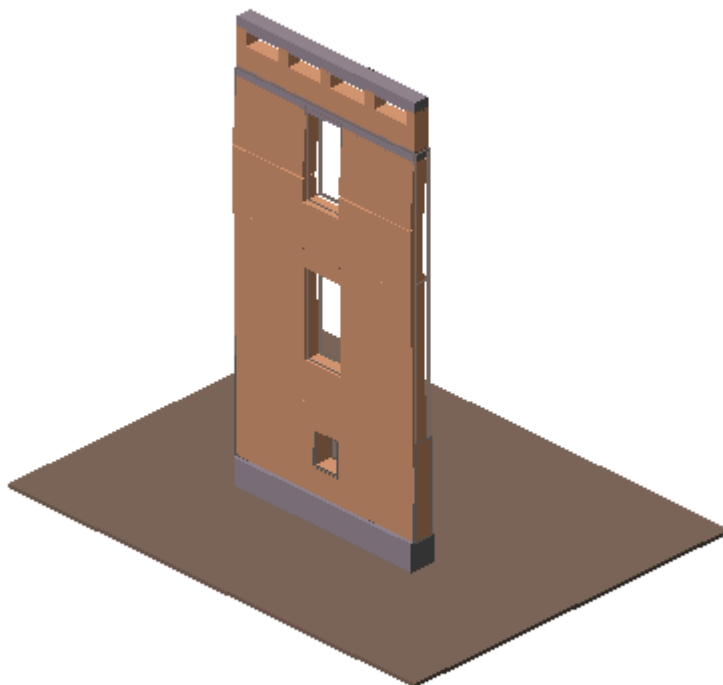
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
i_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°3:	8,18 [kN]
Reazione cordolo/vincolo della parete n°4:	0,29 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,000 [-]
Momento Ribaltante M_{rib} :	1698,209 [kN*m]
Momento Stabilizzante M_{st} :	177,778 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,105 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,075 [g]
Massa partecipante al cinematismo M^* :	42,485 [kN/g]
Frazione di massa partecipante della struttura e^* :	1,163 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,560 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

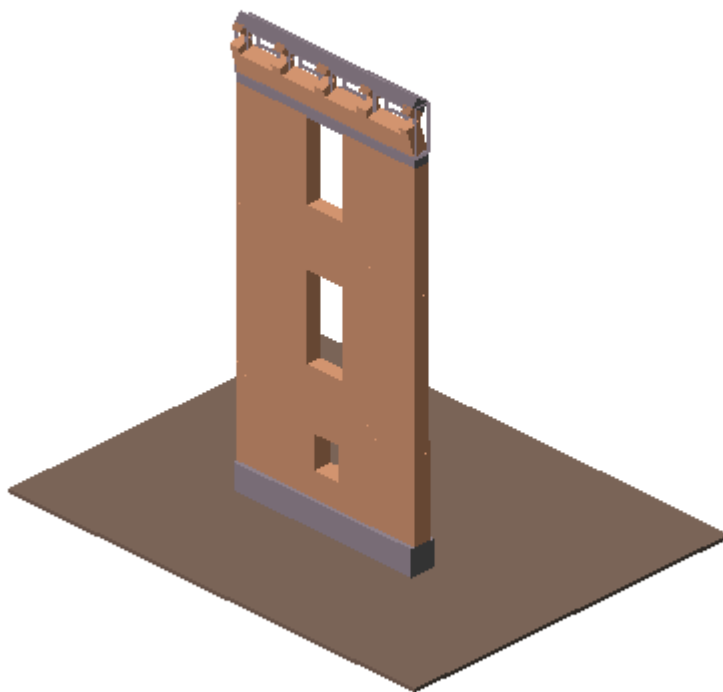
Esito verifica meccanismo a quota zero allo SLD: **VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON RICHIESTO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
Fattore di verifica a quota zero allo SLV: 0,524 [-]
Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata



Quota di attivazione del cinematismo: 0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 1,507 [-]
Momento Ribaltante M_{rib} : 10,607 [kN*m]
Momento Stabilizzante M_{st} : 15,563 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 : 1,467 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* :	1,228 [g]
Massa partecipante al cinematiso M^* :	3,344 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,996 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,034 [-]
Fattore di verifica in elevazione allo SLD:	0,163 [-]

Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,032 [-]
Fattore di verifica in elevazione allo SLV:	0,161 [-]

Esito verifica meccanismo a quota zero allo SLV:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	VERIFICATO

Confronto PGA in sito e PGA meccanismi di collasso locali

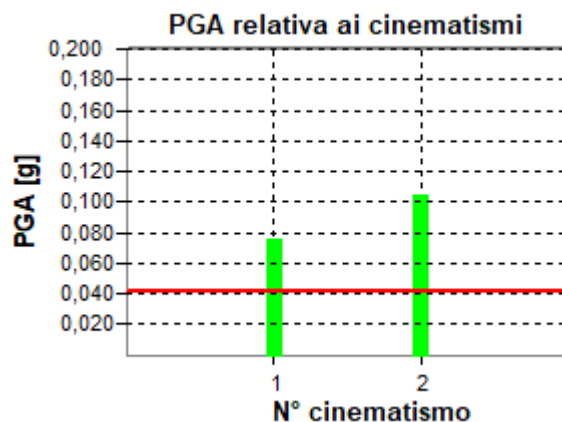


Figura 9 - Confronto PGA SLD

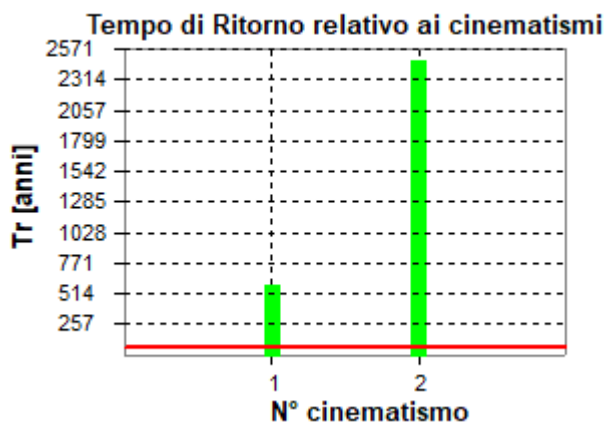


Figura 10 - Confronto TR SLD

Cinematiso n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD:	0,0420 [g]
Tempo di Ritorno TR_D allo SLD:	75 [anni]
Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD:	0,0752 [g]
Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD:	596 [anni]
Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$:	1,7914 [-]
Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$:	7,9073 [-]

Cinematiso n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD:	0,0420 [g]
Tempo di Ritorno TR_D allo SLD:	75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 32,7545 [-]

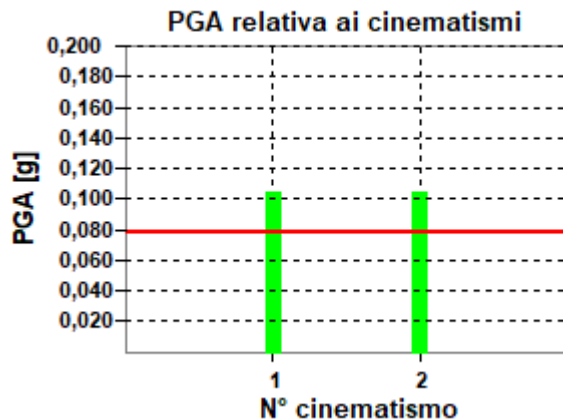


Figura: 11 - Confronto PGA SLV

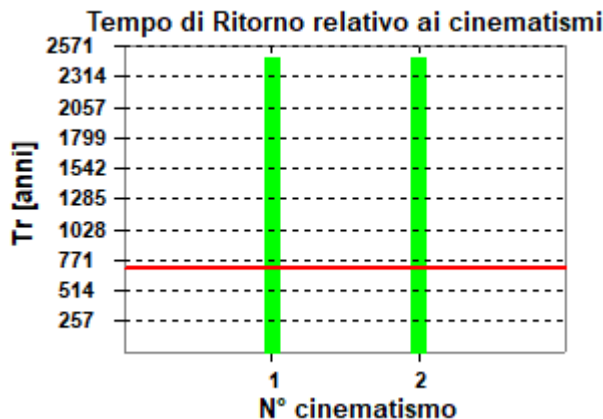


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

TORRE – Parete Sud – Stato di fatto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

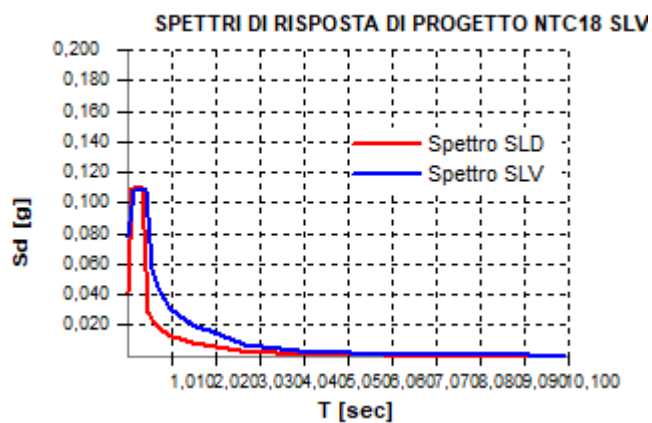


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

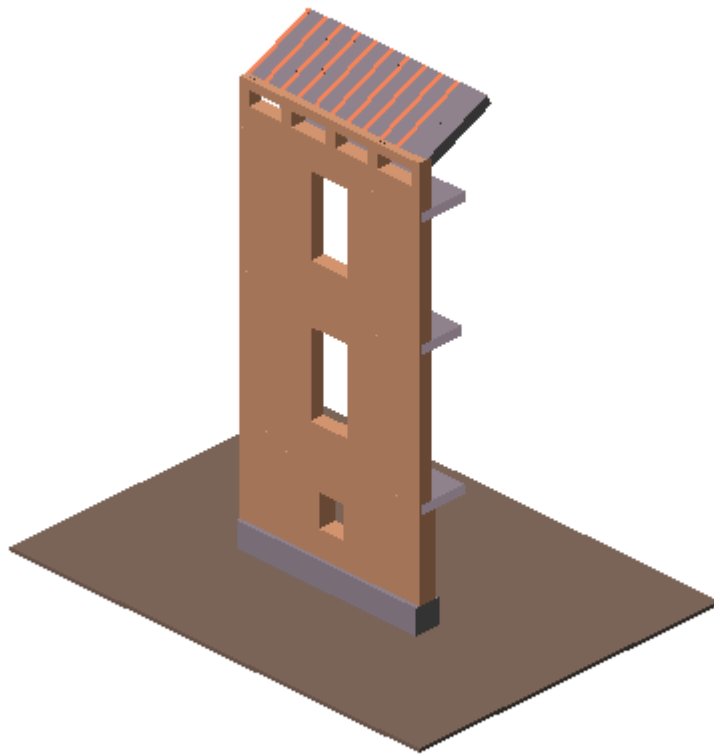


Figura: 2 - Modello 3D della parete

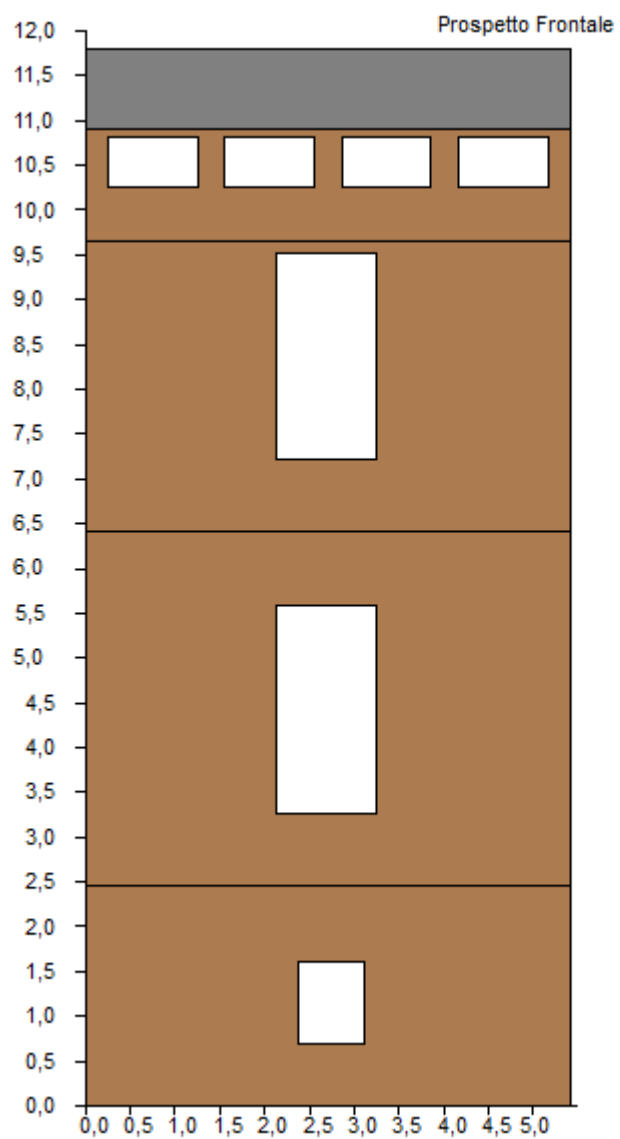


Figura: 3 - Prospetto della parete

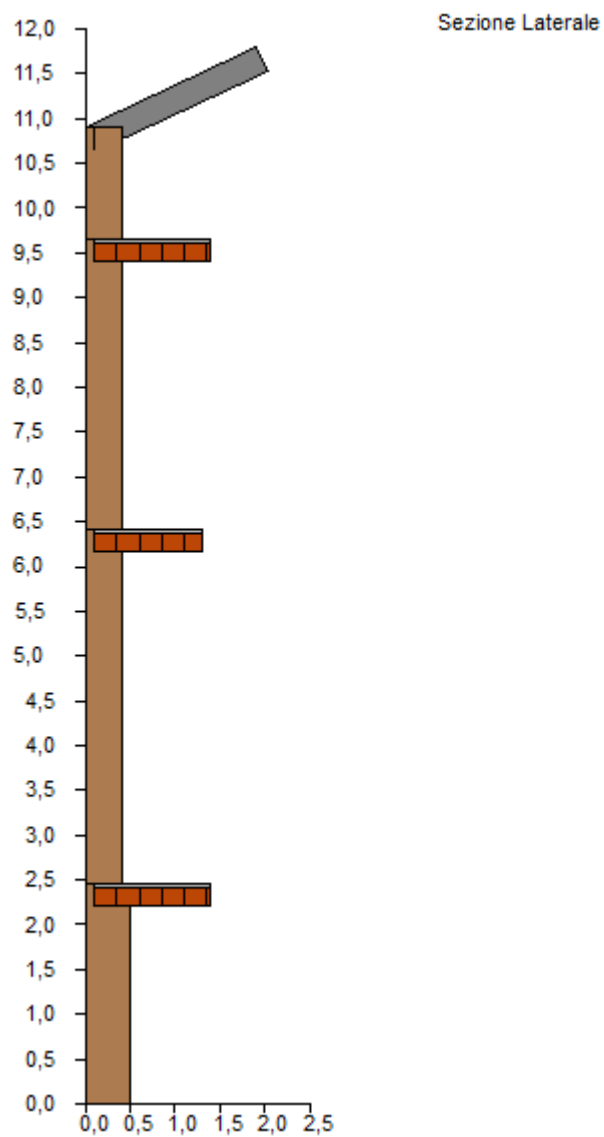


Figura: 4 - Sezione della parete

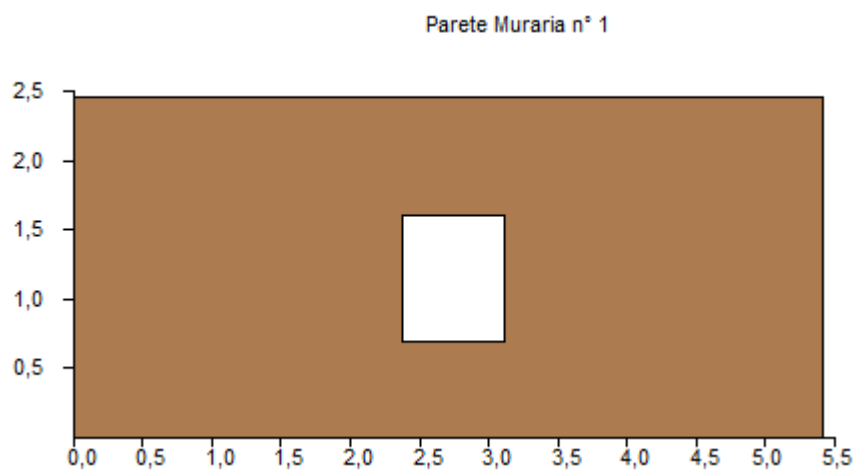


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,37 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	1,30 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	3,35 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	3,35 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

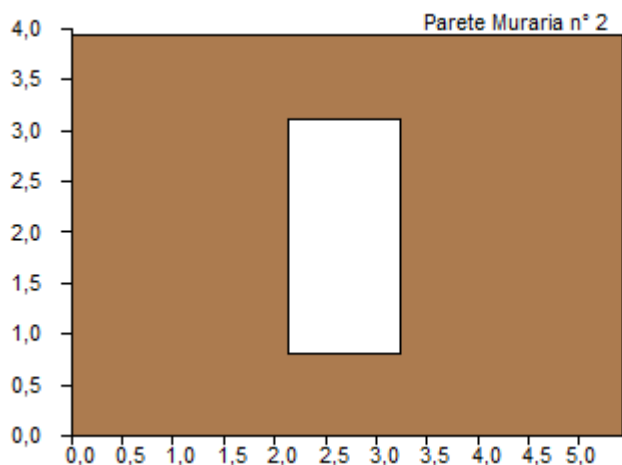


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	135,77 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura:	2,32 [m]
Base dell'apertura:	1,10 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,75 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	3,00 [kN/mq]
i_s : semi-lunghezza del solaio:	1,20 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	3,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

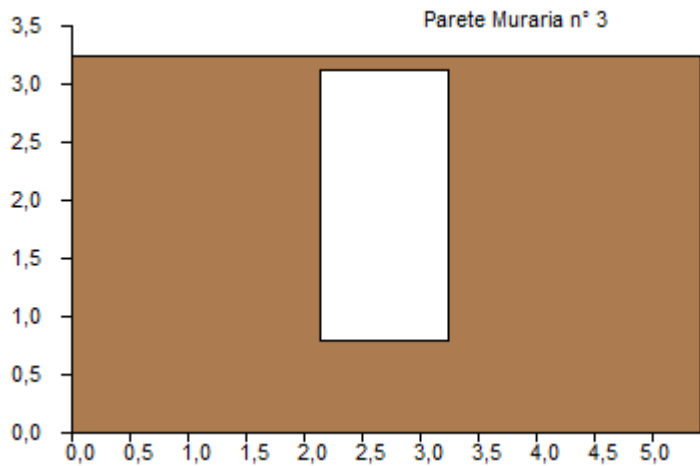


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
 Larghezza della parete n° 3: 5,42 [m]
 Spessore della parete n° 3: 0,40 [m]
 Rientro della parete n° 3: 0,00 [m]
 Peso della parete n° 3: 108,45 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura: 2,32 [m]
 Base dell'apertura: 1,10 [m]
 Altezza inferiore dell'apertura: 0,80 [m]
 Posizione dell'apertura: 2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio: 2,75 [kN/mq]
 G_{2k} carico permanente non strutturale del solaio: 0,00 [kN/mq]
 ϕ_2 coefficiente carico variabile del solaio: 0,30 [-]
 Q_k carico variabile del solaio: 3,00 [kN/mq]
 i_s semi-lunghezza del solaio: 1,30 [m]
 e_s eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
 p_{vd} carico di calcolo verticale del solaio della parete: 3,65 [kN/mq]
 p_{hd} carico di calcolo orizzontale del solaio della parete: 3,65 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
 Modulo Elastico massimo: 1,80E+06 [kN/mq]
 Resistenza minima a compressione: 2,60E+03 [kN/mq]
 Resistenza massima a compressione: 4,30E+03 [kN/mq]
 Resistenza minima a taglio: 5,00E+01 [kN/mq]
 Resistenza minima a taglio: 1,30E+02 [kN/mq]
 Resistenza media a compressione: 3,45E+03 [kN/mq]
 Resistenza media a taglio: 9,00E+01 [kN/mq]
 Peso specifico γ : 1,80E+01 [kN/mc]
 Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]

Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

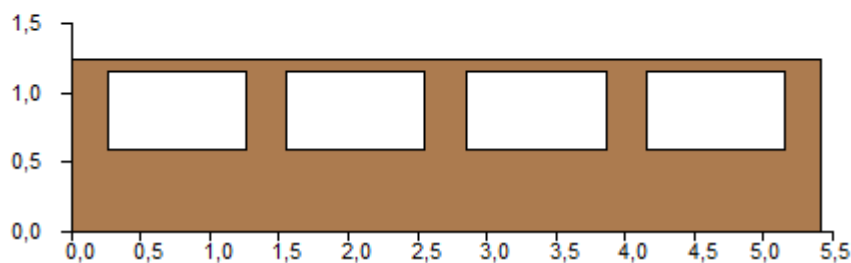


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

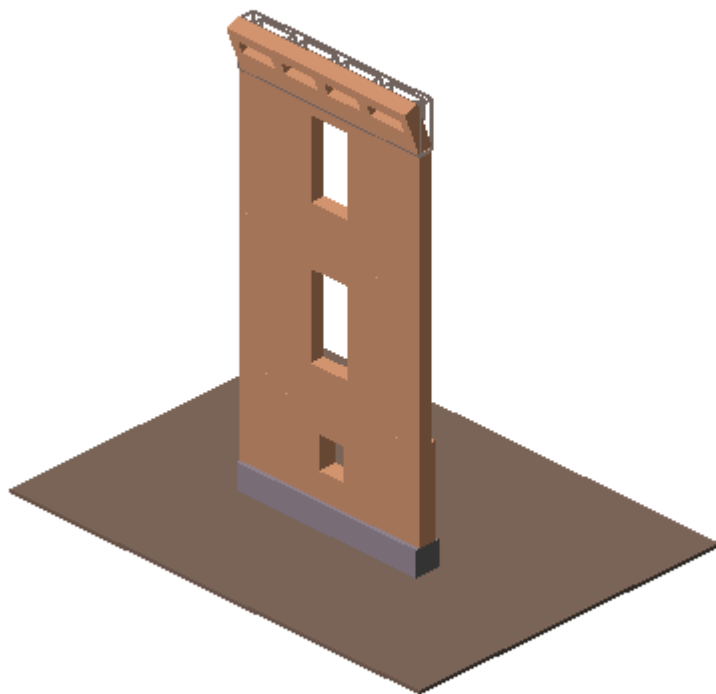
Descrizione Tipologia di Solaio:

Copertura Neve

G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
i_s : semi-lunghezza del solaio:	2,10 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata



Quota di attivazione del cinematismo:	9,66 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	1,507 [-]
Momento Ribaltante M_{rib} :	25,875 [kN*m]
Momento Stabilizzante M_{st} :	4,743 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,183 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,184 [g]
Massa partecipante al cinematismo M^* :	3,422 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,832 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,200 [g]
Fattore di verifica a quota zero allo SLD:	0,229 [-]
Fattore di verifica in elevazione allo SLD:	1,089 [-]

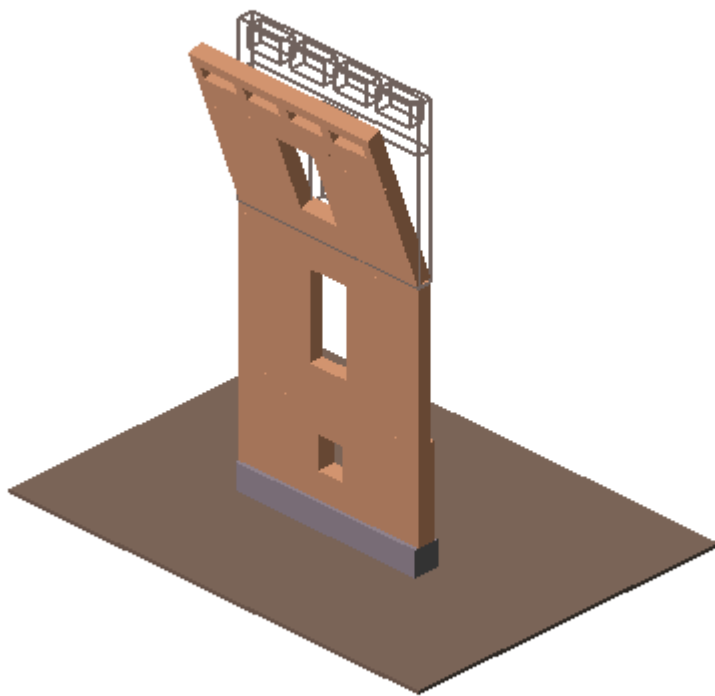
Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,198 [g]
Fattore di verifica a quota zero allo SLV:	0,214 [-]
Fattore di verifica in elevazione allo SLV:	1,076 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON VERIFICATO

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	6,41 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	1,000 [-]
Momento Ribaltante M_{rib} :	410,640 [kN*m]
Momento Stabilizzante M_{st} :	21,154 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,052 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* :	0,051 [g]
Massa partecipante al cinematiso M^* :	14,920 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,838 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,133 [g]
Fattore di verifica a quota zero allo SLD:	0,820 [-]
Fattore di verifica in elevazione allo SLD:	2,591 [-]

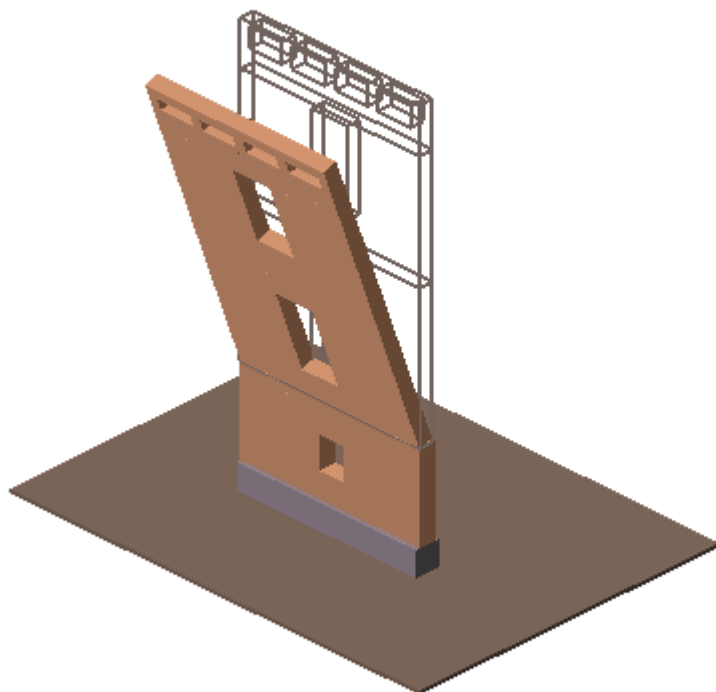
Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,131 [g]
Fattore di verifica a quota zero allo SLV:	0,767 [-]
Fattore di verifica in elevazione allo SLV:	2,561 [-]

Esito verifica meccanismo a quota zero allo SLV:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLV:	NON VERIFICATO

Cinematiso n° 3: Ribaltamento Pareti Multipla a quota sopra elevata



Quota di attivazione del cinematismo:	2,46 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:.....	0,384 [-]
Momento Ribaltante M_{rib} :	1462,147 [kN*m]
Momento Stabilizzante M_{st} :	36,068 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,025 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,026 [g]
Massa partecipante al cinematismo M^* :	27,182 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,798 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	0,051 [g]
Fattore di verifica a quota zero allo SLD:	1,630 [-]
Fattore di verifica in elevazione allo SLD:	1,976 [-]

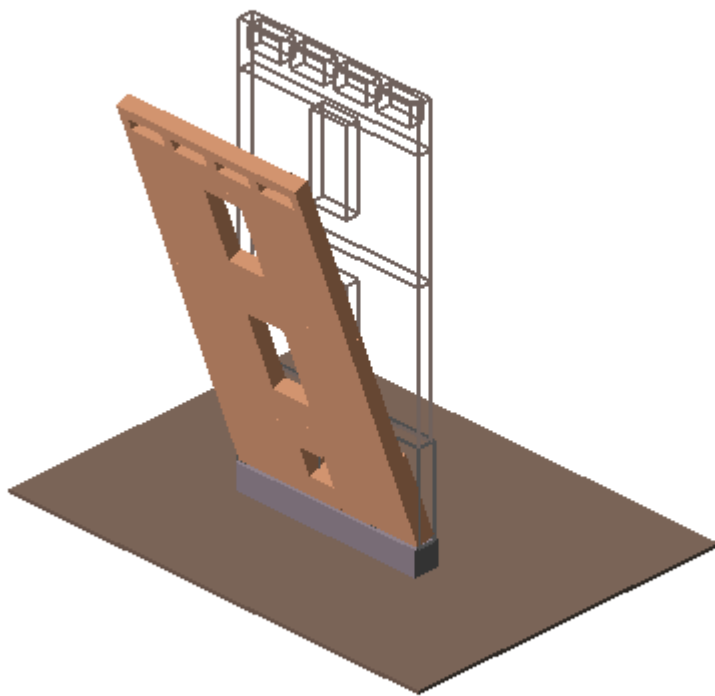
Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: **NON VERIFICATO**

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$:	0,066 [g]
Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$:	0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$:	0,050 [g]
Fattore di verifica a quota zero allo SLV:	1,526 [-]
Fattore di verifica in elevazione allo SLV:	1,954 [-]

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
Esito verifica meccanismo in elevazione allo SLV: **NON VERIFICATO**

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	2482,607 [kN*m]
Momento Stabilizzante M_{st} :	55,168 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,022 [-]

accelerazione spettrale di attivazione del cinematismo a_0^* : 0,025 [g]
 Massa partecipante al cinematismo M^* : 35,809 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,745 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: Non Richiesto
 Fattore di verifica a quota zero allo SLD: 1,689 [-]
 Fattore di verifica in elevazione allo SLD: Non Richiesto

Esito verifica meccanismo a quota zero allo SLD: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLD: NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
 Fattore di verifica a quota zero allo SLV: 1,580 [-]
 Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: **NON VERIFICATO**
 Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Confronto PGA in sito e PGA meccanismi di collasso locali

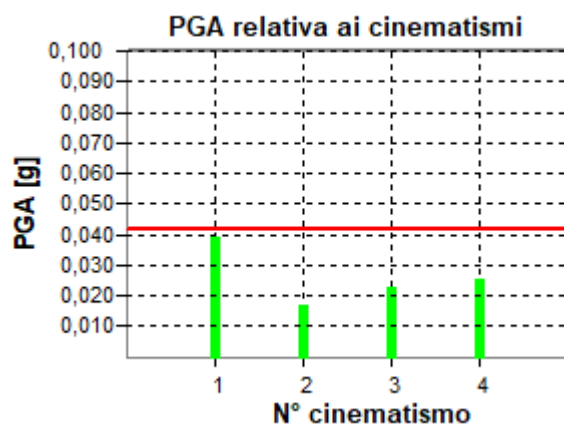


Figura 9 - Confronto PGA SLD

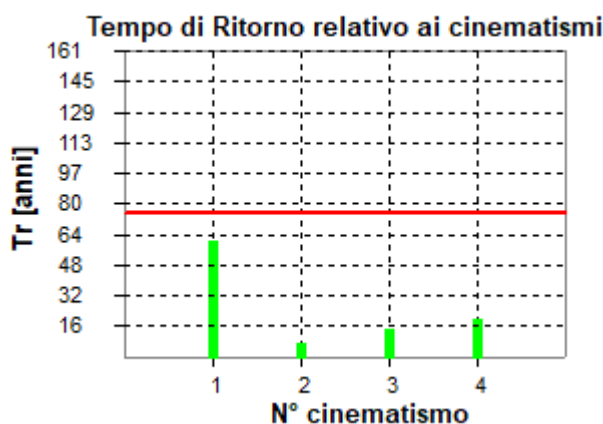


Figura 10 - Confronto TR SLD

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0390 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 61 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9286 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,8071 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0173 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 7 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4114 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0982 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0227 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 15 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5400 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1995 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,0252 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 20 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,6000 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,2616 [-]

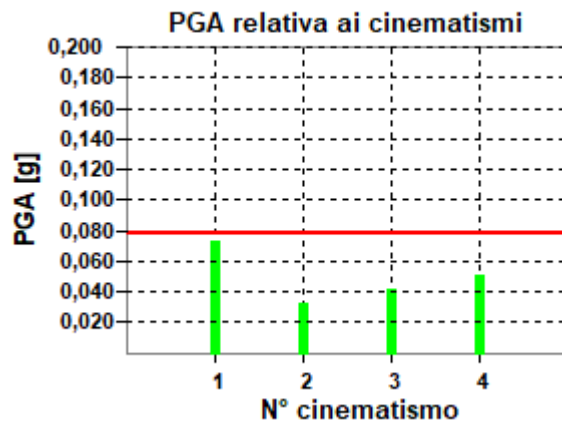


Figura: 11 - Confronto PGA SLV

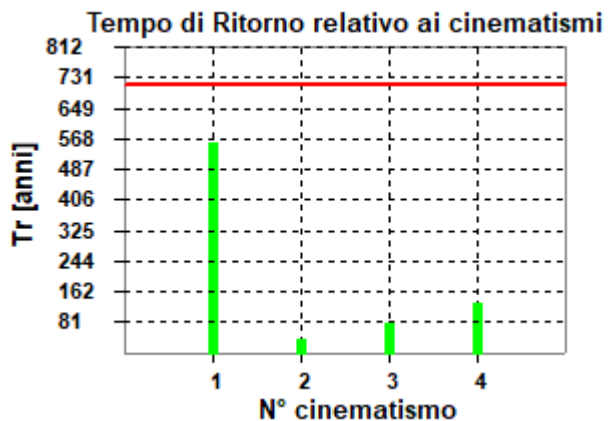


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Ribaltamento Singola Parete a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0738 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 555 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,9389 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,7803 [-]

Cinematismo n° 2: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0331 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 39 [anni]

Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,4214 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,0554 [-]

Cinematismo n° 3: Ribaltamento Pareti Multipla a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0425 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 78 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,5405 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1094 [-]

Cinematismo n° 4: Ribaltamento Pareti Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,0504 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 135 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 0,6412 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 0,1901 [-]

TORRE – Parete Sud – Progetto

Normativa di Riferimento

L'analisi cinematica è stata condotta secondo la normativa vigente costituita dalle " Norme Tecniche per le Costruzioni 17/01/2018 " nonché la Circolare del Ministero Infrastrutture e Trasporti del 21 Gennaio 2019, n. 7 " Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni ".

Parametri sismici di Progetto

Località: VENARIA REALE (TO)

Altezza totale dell'edificio:	6,41 [m]
Vita nominale dell'edificio:	50 [anni]
Coefficiente di struttura:	2,00 [-]
Periodo del modo principale di vibrare (T1):	0,201 [sec]
Coefficiente di partecipazione modale γ :	1,20 [-]
Categoria di sottosuolo:	Tipo B

Spettro di Risposta allo SLC

Periodo di ritorno per lo SLC (Tr):	1462 [anni]
Probabilità di superamento per lo SLC (Pver):	5 [%]
Periodo di inizio del tratto a velocità costante per lo SLC (Tc*):	0,290 [sec]
Accelerazione orizzontale massima al sito per lo SLC (ag):	0,078 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLC (Fo):	2,82 [-]
Periodo dello spettro Tb:	0,14 [sec]
Periodo dello spettro Tc:	0,41 [sec]
Periodo dello spettro Td:	1,91 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLV

Periodo di ritorno per lo SLV (Tr):	712 [anni]
Probabilità di superamento per lo SLV (Pver):	10 [%]
Periodo di inizio del tratto a velocità costante per lo SLV (Tc*):	0,281 [sec]
Accelerazione orizzontale massima al sito per lo SLV (ag):	0,066 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLV (Fo):	2,77 [-]
Periodo dello spettro Tb:	0,13 [sec]
Periodo dello spettro Tc:	0,40 [sec]
Periodo dello spettro Td:	1,86 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

Spettro di Risposta allo SLD

Periodo di ritorno per lo SLD (Tr):	75 [anni]
Probabilità di superamento per lo SLD (Pver):	63 [%]
Periodo di inizio del tratto a velocità costante per lo SLD (Tc*):	0,212 [sec]
Accelerazione orizzontale massima al sito per lo SLD (ag):	0,035 [g]
Fattore di amplificazione dello spettro in accelerazione orizzontale per lo SLD (Fo):	2,62 [-]
Periodo dello spettro Tb:	0,11 [sec]
Periodo dello spettro Tc:	0,32 [sec]
Periodo dello spettro Td:	1,74 [sec]
Coefficiente di sottosuolo S:	1,20 [-]

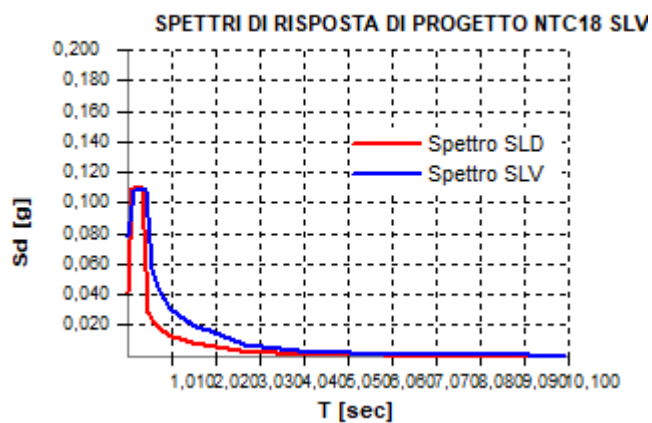


Figura: 1 - Spettro di Risposta di Progetto

Nel calcolo dei cinatismi viene considerato l'arretramento del punto di contatto tra i blocchi nei seguenti casi:

- Cinatismi di ribaltamento fuori piano
- Cinatismi di flessione verticale
- Cinatismi di flessione orizzontale

Geometria delle pareti:

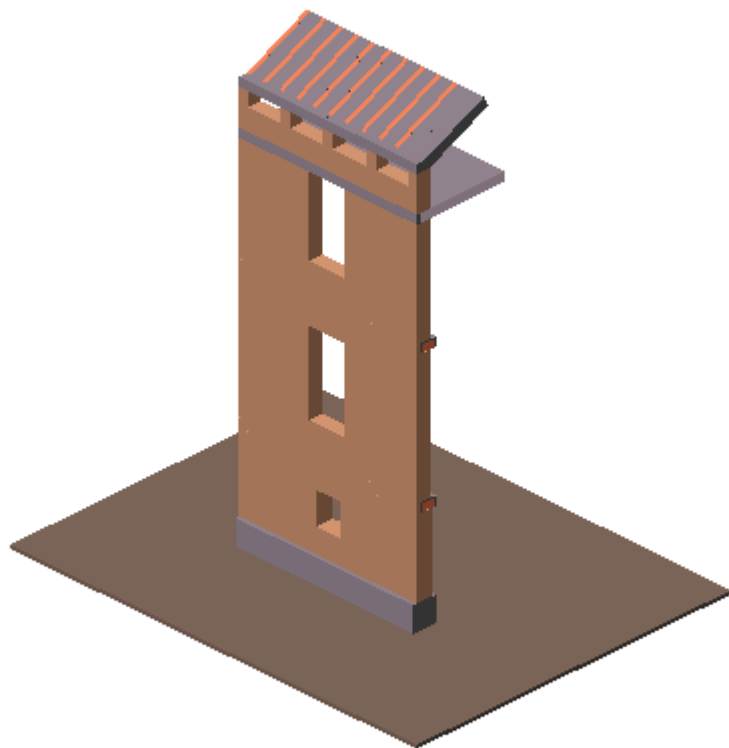


Figura: 2 - Modello 3D della parete

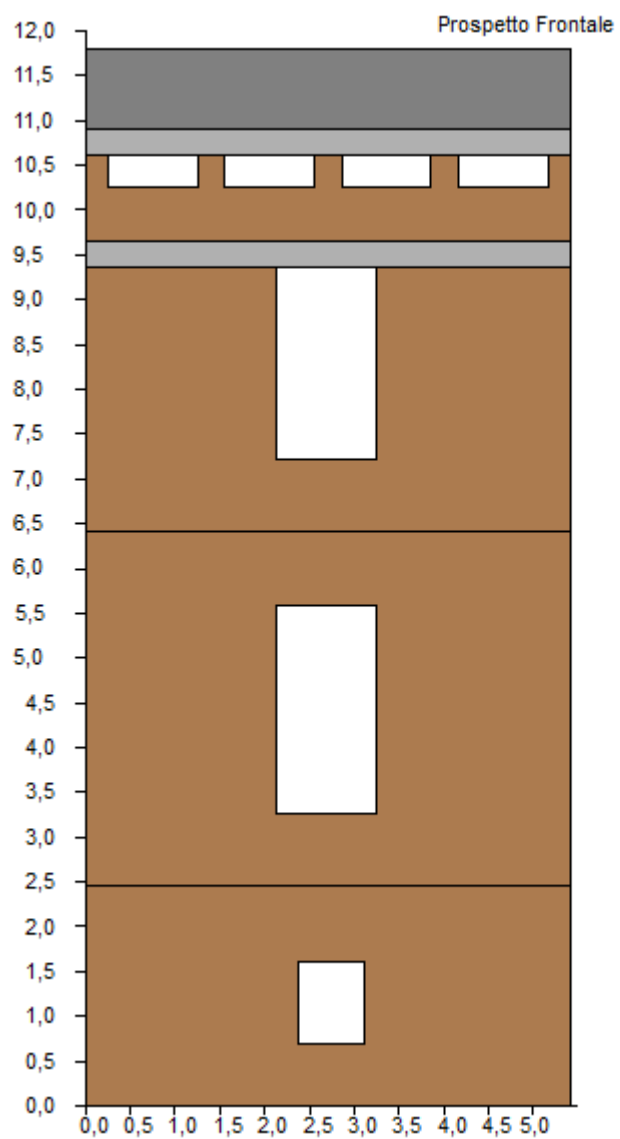


Figura: 3 - Prospetto della parete

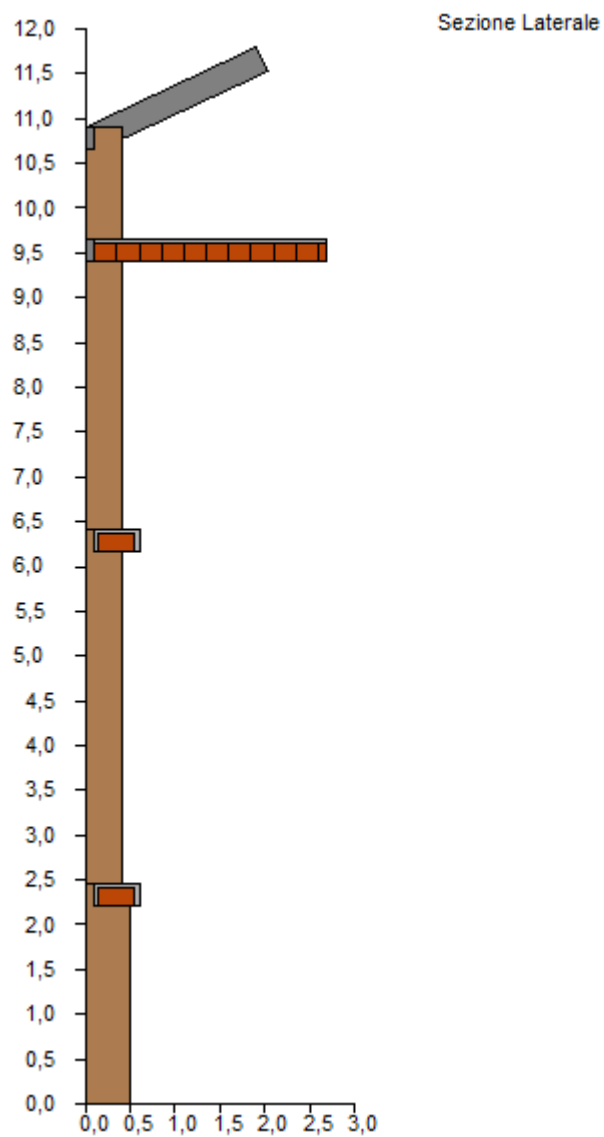


Figura: 4 - Sezione della parete

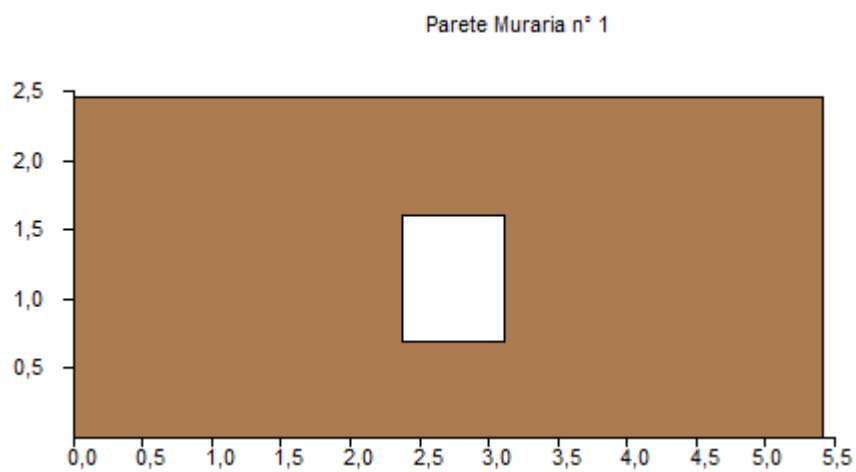


Figura: 5 - Prospetto della parete n° 1

Altezza della parete n° 1:

2,46 [m]

Larghezza della parete n° 1:	5,42 [m]
Spessore della parete n° 1:	0,50 [m]
Rientro della parete n° 1:	0,00 [m]
Peso della parete n° 1:	114,00 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestrella

Altezza dell'apertura:	0,90 [m]
Base dell'apertura:	0,74 [m]
Altezza inferiore dell'apertura:	0,70 [m]
Posizione dell'apertura:	2,37 [m]

Descrizione Tipologia di Solaio:

Solaio piano primo

G _{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G _{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
φ ₂ coefficiente carico variabile del solaio:	0,30 [-]
Q _k carico variabile del solaio:	2,00 [kN/mq]
is: semi-lunghezza del solaio:	0,50 [m]
es: eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p _{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p _{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ.....	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ _{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

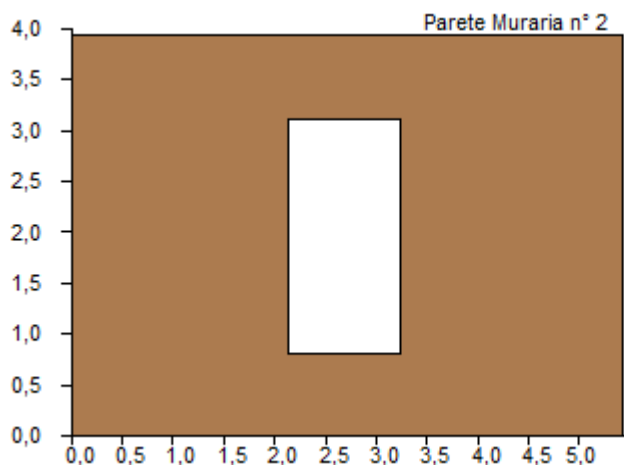


Figura: 6 - Prospetto della parete n° 2

Altezza della parete n° 2:	3,95 [m]
Larghezza della parete n° 2:	5,42 [m]
Spessore della parete n° 2:	0,40 [m]
Rientro della parete n° 2:	0,00 [m]
Peso della parete n° 2:	135,77 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura:	2,32 [m]
Base dell'apertura:	1,10 [m]
Altezza inferiore dell'apertura:	0,80 [m]
Posizione dell'apertura:	2,14 [m]

Descrizione Tipologia di Solaio:

Solaio piano secondo

G_{1k} carico permanente strutturale del solaio:	2,35 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,00 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:	0,30 [-]
Q_k carico variabile del solaio:	2,00 [kN/mq]
i_s : semi-lunghezza del solaio:	0,50 [m]
e_s : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,00 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	2,95 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ :	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]

Resistenza di calcolo a compressione:	1437,5000 [kN/mq]

Resistenza di calcolo a taglio: 37,5000 [kN/mq]

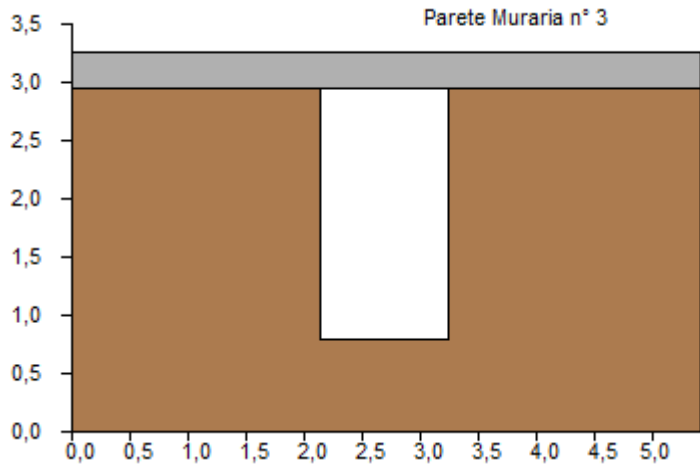


Figura: 7 - Prospetto della parete n° 3

Altezza della parete n° 3: 3,25 [m]
Larghezza della parete n° 3: 5,42 [m]
Spessore della parete n° 3: 0,40 [m]
Rientro della parete n° 3: 0,00 [m]
Peso della parete n° 3: 108,45 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Finestra sud

Altezza dell'apertura: 2,32 [m]
Base dell'apertura: 1,10 [m]
Altezza inferiore dell'apertura: 0,80 [m]
Posizione dell'apertura: 2,14 [m]

Descrizione Tipologia di Solaio:

Solaio sottotetto

G_{1k} carico permanente strutturale del solaio: 0,85 [kN/mq]
G_{2k} carico permanente non strutturale del solaio: 0,20 [kN/mq]
φ₂ coefficiente carico variabile del solaio: 0,00 [-]
Q_k carico variabile del solaio: 0,50 [kN/mq]
i_s: semi-lunghezza del solaio: 2,60 [m]
e_s: eccentricità delle reazioni di appoggio del solaio: 0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete: 1,05 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete: 1,05 [kN/mq]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo: 1,20E+06 [kN/mq]
Modulo Elastico massimo: 1,80E+06 [kN/mq]
Resistenza minima a compressione: 2,60E+03 [kN/mq]
Resistenza massima a compressione: 4,30E+03 [kN/mq]
Resistenza minima a taglio: 5,00E+01 [kN/mq]
Resistenza minima a taglio: 1,30E+02 [kN/mq]
Resistenza media a compressione: 3,45E+03 [kN/mq]
Resistenza media a taglio: 9,00E+01 [kN/mq]
Peso specifico γ: 1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a: 1,20 [-]

Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Parete Muraria n° 4

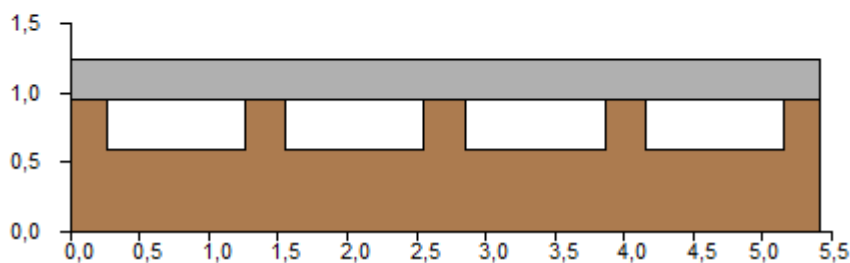


Figura: 8 - Prospetto della parete n° 4

Altezza della parete n° 4:	1,25 [m]
Larghezza della parete n° 4:	5,42 [m]
Spessore della parete n° 4:	0,40 [m]
Rientro della parete n° 4:	0,00 [m]
Peso della parete n° 4:	32,94 [kN]

Caratteristiche delle Aperture:

Apertura n° 1: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	0,26 [m]

Apertura n° 2: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	1,55 [m]

Apertura n° 3: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	2,86 [m]

Apertura n° 4: Apertura sottotetto

Altezza dell'apertura:	0,55 [m]
Base dell'apertura:	1,00 [m]
Altezza inferiore dell'apertura:	0,60 [m]
Posizione dell'apertura:	4,16 [m]

Proprietà meccaniche e di resistenza della parete

Tipologia muraria: Muratura in mattoni pieni e malta di calce

Modulo Elastico minimo:	1,20E+06 [kN/mq]
Modulo Elastico massimo:	1,80E+06 [kN/mq]
Resistenza minima a compressione:	2,60E+03 [kN/mq]
Resistenza massima a compressione:	4,30E+03 [kN/mq]
Resistenza minima a taglio:	5,00E+01 [kN/mq]
Resistenza minima a taglio:	1,30E+02 [kN/mq]
Resistenza media a compressione:	3,45E+03 [kN/mq]
Resistenza media a taglio:	9,00E+01 [kN/mq]
Peso specifico γ	1,80E+01 [kN/mc]
Livello di Conoscenza LC2 con un fattore di sicurezza pari a:	1,20 [-]
Coefficiente di sicurezza sulle proprietà meccaniche γ_{m2} :	2,00 [-]
Resistenza di calcolo a compressione:	1437,5000 [kN/mq]
Resistenza di calcolo a taglio:	37,5000 [kN/mq]

Geometria della Copertura:

Descrizione Tipologia di Solaio:

Copertura Neve

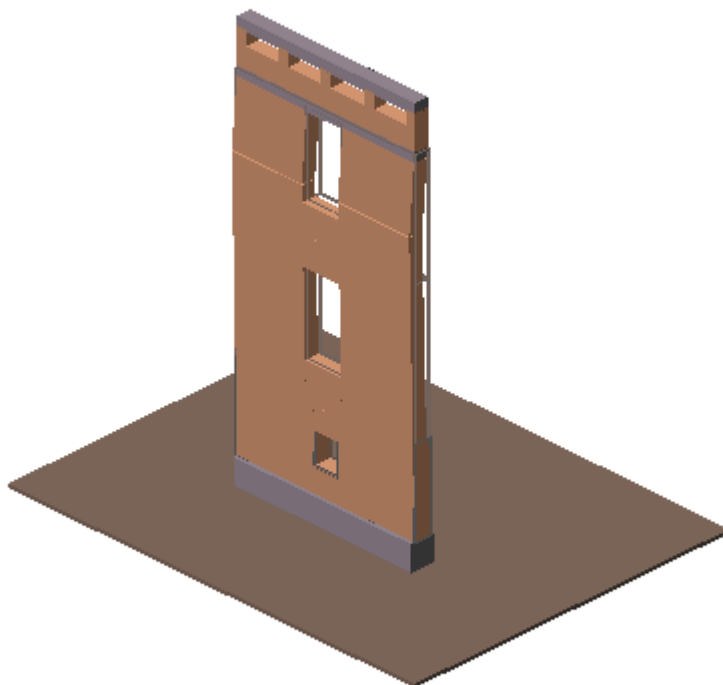
G_{1k} carico permanente strutturale del solaio:	0,25 [kN/mq]
G_{2k} carico permanente non strutturale del solaio:	0,40 [kN/mq]
ϕ_2 coefficiente carico variabile del solaio:.....	0,00 [-]
Q_k carico variabile del solaio:	1,26 [kN/mq]
is : semi-lunghezza del solaio:	2,10 [m]
es : eccentricità delle reazioni di appoggio del solaio:	0,05 [m]
p_{vd} carico di calcolo verticale del solaio della parete:	0,65 [kN/mq]
p_{hd} carico di calcolo orizzontale del solaio della parete:	0,65 [kN/mq]

Sforzo assorbito dai cordoli o vincoli in testa alle pareti

Reazione cordolo/vincolo della parete n°3:	8,90 [kN]
Reazione cordolo/vincolo della parete n°4:	0,29 [kN]

Risultati Meccanismi Locali tramite Analisi Cinematica Lineare e/o Analisi Cinematica Non Lineare:

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero



Quota di attivazione del cinematismo:	0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$:	0,000 [-]
Momento Ribaltante M_{rib} :	1377,420 [kN*m]
Momento Stabilizzante M_{st} :	170,983 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 :	0,124 [-]
accelerazione spettrale di attivazione del cinematismo a_0^* :	0,104 [g]
Massa partecipante al cinematismo M^* :	36,334 [kN/g]
Frazione di massa partecipante della struttura e^* :	0,995 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$:	0,035 [g]
Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$:	0,042 [g]
Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$:	Non Richiesto
Fattore di verifica a quota zero allo SLD:	0,404 [-]
Fattore di verifica in elevazione allo SLD:	Non Richiesto

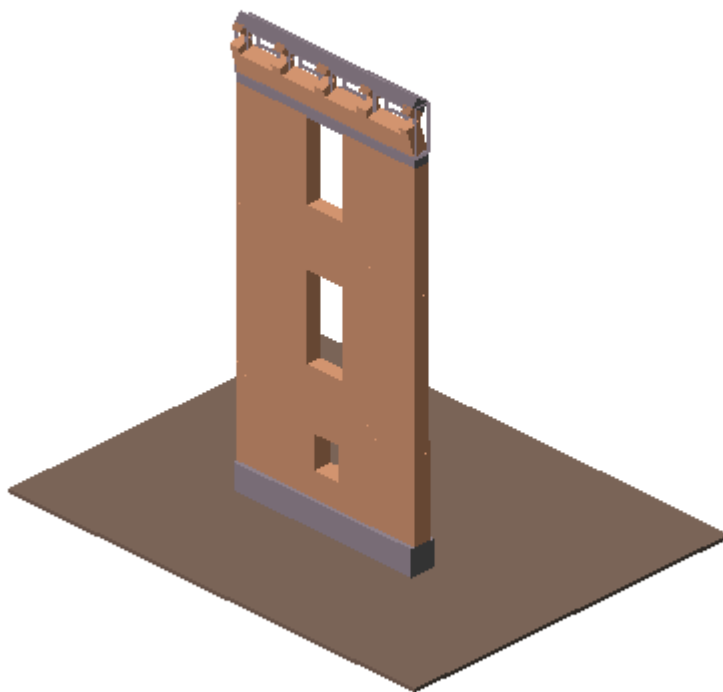
Esito verifica meccanismo a quota zero allo SLD:	VERIFICATO
Esito verifica meccanismo in elevazione allo SLD:	NON RICHIESTO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
Accelerazione di riferimento al suolo allo SLV ($a_{g,SLV} S$)/ q_{SLV} : 0,039 [g]
Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: Non Richiesto
Fattore di verifica a quota zero allo SLV: 0,378 [-]
Fattore di verifica in elevazione allo SLV: Non Richiesto

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
Esito verifica meccanismo in elevazione allo SLV: NON RICHIESTO

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata



Quota di attivazione del cinematismo: 0,00 [m]
Primo modo di vibrare normalizzato ad 1 in sommità dell'edificio $\Psi_{(z)}$: 1,507 [-]
Momento Ribaltante M_{rib} : 10,607 [kN*m]
Momento Stabilizzante M_{st} : 15,563 [kN*m]
Moltiplicatore di collasso dei carichi orizzontali α_0 : 1,467 [-]

accelerazione spettrale di attivazione del cinematiso a_0^* : 1,228 [g]
 Massa partecipante al cinematiso M^* : 3,344 [kN/g]
 Frazione di massa partecipante della struttura e^* : 0,996 [-]

Risultati della verifica con analisi cinematica lineare allo SLD

Accelerazione orizzontale massima in sito allo SLD $a_{g,SLD}$: 0,035 [g]
 Accelerazione di riferimento al suolo allo SLD $(a_{g,SLD} S)/q_{SLD}$: 0,042 [g]
 Accelerazione di riferimento in elevazione allo SLD: $a_z(z)_{SLD}$: 0,200 [g]
 Fattore di verifica a quota zero allo SLD: 0,034 [-]
 Fattore di verifica in elevazione allo SLD: 0,163 [-]

Esito verifica meccanismo a quota zero allo SLD: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLD: VERIFICATO

Risultati della verifica con analisi cinematica lineare allo SLV

Accelerazione orizzontale massima in sito allo SLV $a_{g,SLV}$: 0,066 [g]
 Accelerazione di riferimento al suolo allo SLV $(a_{g,SLV} S)/q_{SLV}$: 0,039 [g]
 Accelerazione di riferimento in elevazione allo SLV: $a_z(z)_{SLV}$: 0,198 [g]
 Fattore di verifica a quota zero allo SLV: 0,032 [-]
 Fattore di verifica in elevazione allo SLV: 0,161 [-]

Esito verifica meccanismo a quota zero allo SLV: VERIFICATO
 Esito verifica meccanismo in elevazione allo SLV: VERIFICATO

Confronto PGA in sito e PGA meccanismi di collasso locali

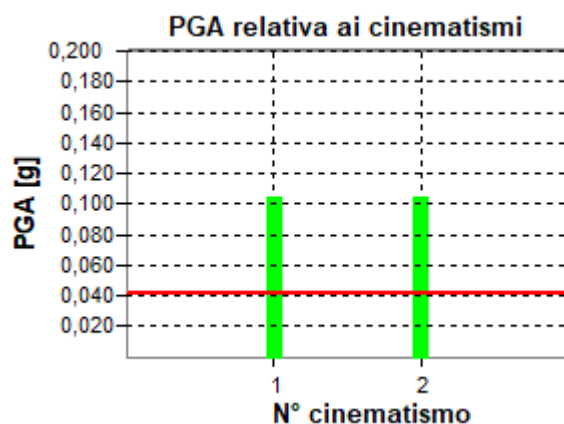


Figura 9 - Confronto PGA SLD

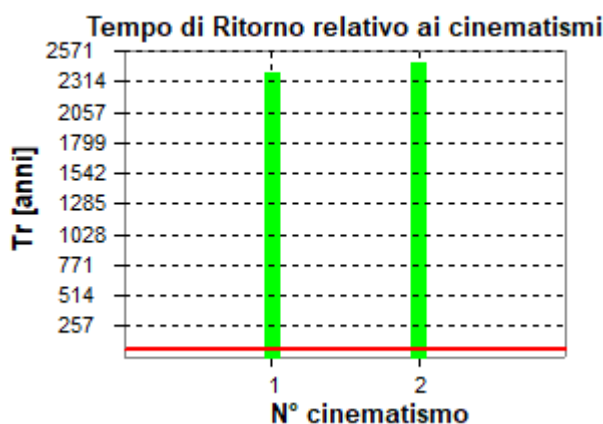


Figura 10 - Confronto TR SLD

Cinematiso n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1042 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2379 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,4800 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 31,5331 [-]

Cinematiso n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLD: 0,0420 [g]
 Tempo di Ritorno TR_D allo SLD: 75 [anni]

Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLD: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLD: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 2,5029 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 32,7545 [-]

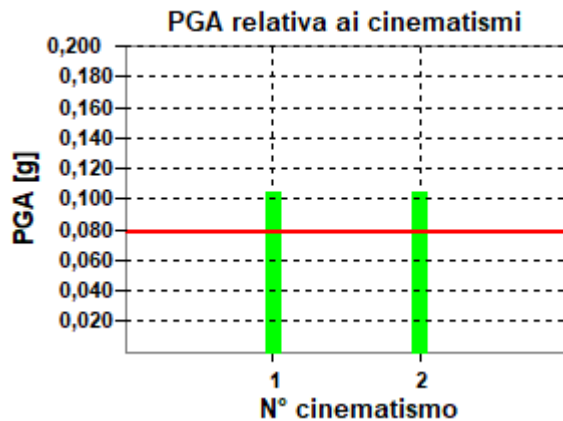


Figura: 11 - Confronto PGA SLV

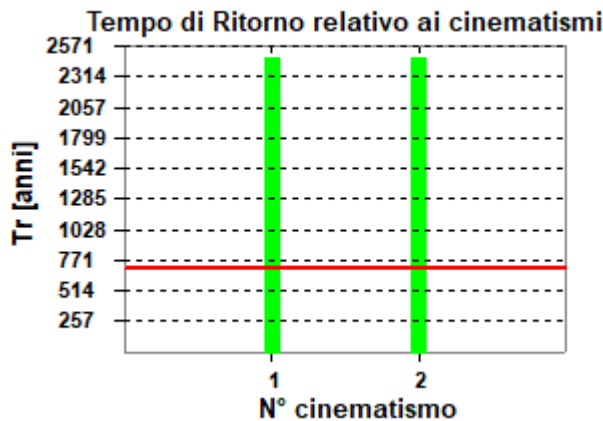


Figura: 12 - Confronto TR SLV

Cinematismo n° 1: Espulsione Flessionale Verticale Multipla a quota zero

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]

Cinematismo n° 2: Espulsione Flessionale Verticale Singola a quota sopra elevata

Accelerazione del suolo PGA_D allo SLV: 0,0786 [g]
 Tempo di Ritorno TR_D allo SLV: 712 [anni]
 Accelerazione del suolo nel caso di analisi cinematica lineare $PGA_{C,Lin}$ allo SLV: 0,1051 [g]
 Tempo di Ritorno nel caso di analisi cinematica lineare $TR_{C,Lin}$ allo SLV: 2471 [anni]
 Rapporto PGA nel caso di analisi cinematica lineare $\alpha_{PGA} = PGA_{C,Lin}/PGA_D$: 1,3374 [-]
 Rapporto TR nel caso di analisi cinematica lineare $I_S = TR_{C,Lin}/TR_D$: 3,4708 [-]